# ASTM

## ValueSet: Signature Type Codes

|  |  |
| --- | --- |
| Name | Signature Type Codes (Signature Type Codes) |
| Description | The Digital Signature Purposes, an indication of the reason an entity signs a document. This is included in the signed information and can be used when determining accountability for various actions concerning the document. Examples include: author, transcriptionist/recorder, and witness. |
| Copyright | These codes are excerpted from ASTM Standard, E1762-95(2013) - Standard Guide for Electronic Authentication of Health Care Information, Copyright by ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19428. Copies of this standard are available through the ASTM Web Site at www.astm.org. |
| Content | **Author's Signature:** the signature of the primary or sole author of a health information document. There can be only one primary author of a health information document. |
|  | **Coauthor's Signature:** the signature of a health information document coauthor. There can be multiple coauthors of a health information document. |
|  | **Co-participant's Signature:** the signature of an individual who is a participant in the health information document but is not an author or coauthor. (Example a surgeon who is required by institutional, regulatory, or legal rules to sign an operative report, but who was not involved in the authorship of that report.) |
|  | **Transcriptionist/Recorder Signature:** the signature of an individual who has transcribed a dictated document or recorded written text into a digital machine readable format. |
|  | **Verification Signature:** a signature verifying the information contained in a document. (Example a physician is required to countersign a verbal order that has previously been recorded in the medical record by a registered nurse who has carried out the verbal order.) |
|  | **Validation Signature:** a signature validating a health information document for inclusion in the patient record. (Example a medical student or resident is credentialed to perform history or physical examinations and to write progress notes. The attending physician signs the history and physical examination to validate the entry for inclusion in the patient's medical record.) |
|  | **Consent Signature:** the signature of an individual consenting to what is described in a health information document. |
|  | **Signature Witness Signature:** the signature of a witness to any other signature. |
|  | **Event Witness Signature:** the signature of a witness to an event. (Example the witness has observed a procedure and is attesting to this fact.) |
|  | **Identity Witness Signature:** the signature of an individual who has witnessed another individual who is known to them signing a document. (Example the identity witness is a notary public.) |
|  | **Consent Witness Signature:** the signature of an individual who has witnessed the health care provider counselling a patient. |
|  | **Interpreter Signature:** the signature of an individual who has translated health care information during an event or the obtaining of consent to a treatment. |
|  | **Review Signature:** the signature of a person, device, or algorithm that has reviewed or filtered data for inclusion into the patient record. ( Examples: (1) a medical records clerk who scans a document for inclusion in the medical record, enters header information, or catalogues and classifies the data, or a combination thereof; (2) a gateway that receives data from another computer system and interprets that data or changes its format, or both, before entering it into the patient record.) |
|  | **Source Signature:** the signature of an automated data source. (Examples: (1) the signature for an image that is generated by a device for inclusion in the patient record; (2) the signature for an ECG derived by an ECG system for inclusion in the patient record; (3) the data from a biomedical monitoring device or system that is for inclusion in the patient record.) |
|  | **Addendum Signature:** the signature on a new amended document of an individual who has corrected, edited, or amended an original health information document. An addendum signature can either be a signature type or a signature sub-type (see 8.1). Any document with an addendum signature shall have a companion document that is the original document with its original, unaltered content, and original signatures. The original document shall be referenced via an attribute in the new document, which contains, for example, the digest of the old document. Whether the original, unaltered, document is always displayed with the addended document is a local matter, but the original, unaltered, document must remain as part of the patient record and be retrievable on demand. |
|  | **Modification Signature:** the signature on an original document of an individual who has generated a new amended document. This (original) document shall reference the new document via an additional signature purpose. This is the inverse of an addendum signature and provides a pointer from the original to the amended document. |
|  | **Administrative (Error/Edit) Signature:** the signature of an individual who is certifying that the document is invalidated by an error(s), or is placed in the wrong chart. An administrative (error/edit) signature must include an addendum to the document and therefore shall have an addendum signature sub-type (see 8.1). This signature is reserved for the highest health information system administrative classification, since it is a statement that the entire document is invalidated by the error and that the document should no longer be used for patient care, although for legal reasons the document must remain part of the permanent patient record. |
|  | **Timestamp Signature:** the signature by an entity or device trusted to provide accurate timestamps. This timestamp might be provided, for example, in the signature time attribute. |

## ValueSet: Signature Type Codes

|  |  |
| --- | --- |
| Name | Signature Type Codes (Signature Type Codes) |
| Description | The Digital Signature Purposes, an indication of the reason an entity signs a document. This is included in the signed information and can be used when determining accountability for various actions concerning the document. Examples include: author, transcriptionist/recorder, and witness. |
| Copyright | These codes are excerpted from ASTM Standard, E1762-95(2013) - Standard Guide for Electronic Authentication of Health Care Information, Copyright by ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19428. Copies of this standard are available through the ASTM Web Site at www.astm.org. |

# CBCC

## ValueSet: Consent Action Codes

|  |  |
| --- | --- |
| Name | Consent Action Codes (Consent Action Codes) |
| Description | This value set includes sample Consent Action codes. |
| Copyright | This is an example set. |
| Content | **Collect:** Gather/acquire information by an entity to achieve a stated purpose |
|  | **Access:** Provide an entity access to information to achieve a stated purpose |
|  | **Use:** Use of stored information by an entity fo the stated purpose |
|  | **Disclose:** Release / transfer of information to an entity |
|  | **Access and Correct:** Allowing an entity to correct a patient's information |

## ValueSet: Consent Action Codes

|  |  |
| --- | --- |
| Name | Consent Action Codes (Consent Action Codes) |
| Description | This value set includes sample Consent Action codes. |
| Copyright | This is an example set. |

## ValueSet: Consent Content Class

|  |  |
| --- | --- |
| Name | Consent Content Class (Consent Content Class) |
| Description | This value set includes the FHIR resource types, along with some other important content class codes |

## ValueSet: Consent Content Codes

|  |  |
| --- | --- |
| Name | Consent Content Codes (Consent Content Codes) |
| Description | This example value set contains all LOINC code |
| Copyright | This content LOINCÂ® is copyright Â© 1995 Regenstrief Institute, Inc. and the LOINC Committee, and available at no cost under the license at http://loinc.org/terms-of-use |

## ValueSet: Contract Actor Role Codes

|  |  |
| --- | --- |
| Name | Contract Actor Role Codes (Contract Actor Role Codes) |
| Description | This value set includes sample Contract Actor Role codes. |
| Copyright | This is an example set. |
| Content | **Practitioner:** Someone who provides health care related services to people or animals including both clinical and support services. |
|  | **Patient:** A receiver, human or animal, of health care related goods and services. |

## ValueSet: Contract Actor Role Codes

|  |  |
| --- | --- |
| Name | Contract Actor Role Codes (Contract Actor Role Codes) |
| Description | This value set includes sample Contract Actor Role codes. |
| Copyright | This is an example set. |

# FHIR NutritionOrder team

## ValueSet: Diet Codes

|  |  |
| --- | --- |
| Name | Diet Codes (Diet Codes) |
| Description | Codes that can be used to indicate the type of food being ordered for a patient. This value set is provided as a suggestive example. It nclude codes from [SNOMED CT](http://snomed.info/sct) where concept is-a 182922004 (Dietary regime (regime/therapy)) |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: Enteral Formula Additive Type Code

|  |  |
| --- | --- |
| Name | Enteral Formula Additive Type Code (Enteral Formula Additive Type Code) |
| Description | EnteralFormulaAdditiveType: Codes for the type of modular component such as protein, carbohydrate or fiber to be provided in addition to or mixed with the base formula. This value set is provided as a suggestive example. |
| Content | **Lipid:** Modular lipid enteral formula component |
|  | **Protein:** Modular protein enteral formula component |
|  | **Carbohydrate:** Modular carbohydrate enteral formula component |
|  | **Fiber:** Modular fiber enteral formula component |
|  | **Water:** Added water |

## ValueSet: Enteral Formula Additive Type Code

|  |  |
| --- | --- |
| Name | Enteral Formula Additive Type Code (Enteral Formula Additive Type Code) |
| Description | EnteralFormulaAdditiveType: Codes for the type of modular component such as protein, carbohydrate or fiber to be provided in addition to or mixed with the base formula. This value set is provided as a suggestive example. |

## ValueSet: Enteral Formula Type Codes

|  |  |
| --- | --- |
| Name | Enteral Formula Type Codes (Enteral Formula Type Codes) |
| Description | EnteralFormulaType : Codes for type of enteral formula to be administered to patient. This value set is is composed of SNOMED CT (US Extension) Concepts from SCTID 470581016 (Enteral+supplement feeds hierarchy (product)) and is provided as a suggestive example. |
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## ValueSet: Enteral Route Codes

|  |  |
| --- | --- |
| Name | Enteral Route Codes (Enteral Route Codes) |
| Description | EnteralRouteOfAdministration: Codes specifying the route of administration of enteral formula. This value set is composed of HL7 v3 codes and is provided as a suggestive example. |

## ValueSet: Fluid Consistency Type Codes

|  |  |
| --- | --- |
| Name | Fluid Consistency Type Codes (Fluid Consistency Type Codes) |
| Description | FluidConsistencyType : Codes used to represent the consistency of fluids and liquids provided to the patient. This value set includes all the [SNOMED CT](http://snomed.info/sct)(US Extension) where concept is a 435681000124103 (Dietary liquid consistency diet (regime/therapy)). It is provided as a suggestive example. |
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## ValueSet: Food Type Codes

|  |  |
| --- | --- |
| Name | Food Type Codes (Food Type Codes) |
| Description | This value set represents codes for types of foods and is provided as a suggestive example. It include codes from [SNOMED CT](http://snomed.info/sct) where concept is-a 255620007 (Foods (substance)). |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: Nutrient Modifier Codes

|  |  |
| --- | --- |
| Name | Nutrient Modifier Codes (Nutrient Modifier Codes) |
| Description | NutrientModifier : Codes for types of nutrient that is being modified such as carbohydrate or sodium. This value set includes codes from [SNOMED CT](http://snomed.info/sct) where concept is-a 226355009 (Nutrients(substance)), and the concepts for Sodium, Potassium and Fluid. It is provided as a suggestive example. |
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## ValueSet: Supplement Type Codes

|  |  |
| --- | --- |
| Name | Supplement Type Codes (Supplement Type Codes) |
| Description | SupplementType : Codes for nutritional supplements to be provided to the patient. This value set is is composed of SNOMED CT (US Extension) Concepts from SCTID 470581016 (Enteral+supplement feeds hierarchy (product)) and is provided as a suggestive example. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: Texture Modified Food Type Codes

|  |  |
| --- | --- |
| Name | Texture Modified Food Type Codes (Texture Modified Food Type Codes) |
| Description | TextureModifiedFoodType: Codes for types of foods that are texture modified. This value set is composed SNOMED CT Concepts from SCTID 255620007 Foods (substance) and is provided as a suggestive example. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: Texture Modifier Codes

|  |  |
| --- | --- |
| Name | Texture Modifier Codes (Texture Modifier Codes) |
| Description | TextureModifier: Codes for food consistency types or texture modifications to apply to foods. This value set is composed of SNOMED CT (US Extension and Core) Concepts from SCTID 229961002 Food consistency types (substance) hierarchy and is provided as a suggestive example. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

# FHIR Project

## ValueSet: Body Length Units

|  |  |
| --- | --- |
| Name | Body Length Units (Body Length Units) |
| Description | UCUM units for recording Body Length measures such as height and head circumference |
| Copyright | UCUM is Copyright Â© 1999-2013 Regenstrief Institute, Inc. and The UCUM Organization, Indianapolis, IN. All rights reserved. See http://unitsofmeasure.org/trac//wiki/TermsOfUse for details |

## ValueSet: Body Temperature Units

|  |  |
| --- | --- |
| Name | Body Temperature Units (Body Temperature Units) |
| Description | UCUM units for recording Body Temperature |
| Copyright | UCUM is Copyright Â© 1999-2013 Regenstrief Institute, Inc. and The UCUM Organization, Indianapolis, IN. All rights reserved. See http://unitsofmeasure.org/trac//wiki/TermsOfUse for details |

## ValueSet: Body Weight Units

|  |  |
| --- | --- |
| Name | Body Weight Units (Body Weight Units) |
| Description | UCUM units for recording Body Weight |
| Copyright | UCUM is Copyright Â© 1999-2013 Regenstrief Institute, Inc. and The UCUM Organization, Indianapolis, IN. All rights reserved. See http://unitsofmeasure.org/trac//wiki/TermsOfUse for details |

## ValueSet: Care Plan Activity

|  |  |
| --- | --- |
| Name | Care Plan Activity (Care Plan Activity) |
| Description | Example Codes for types of activities that can appear in a care plan. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: Common UCUM units

|  |  |
| --- | --- |
| Name | Common UCUM units (Common U C U M units) |
| Description | Commonly encountered UCUM units (for purposes of helping populate look ups. |
| Copyright | UCUM is Copyright Â© 1999-2013 Regenstrief Institute, Inc. and The UCUM Organization, Indianapolis, IN. All rights reserved. See http://unitsofmeasure.org/trac//wiki/TermsOfUse for details. |

## ValueSet: Designation Use

|  |  |
| --- | --- |
| Name | Designation Use (Designation Use) |
| Description | Details of how a designation would be used |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: Example Message Reason Codes

|  |  |
| --- | --- |
| Name | Example Message Reason Codes (Example Message Reason Codes) |
| Description | Example Message Reasons. These are the set of codes that might be used an updating an encounter using admin-update. |
| Content | **Admit:** The patient has been admitted. |
|  | **Discharge:** The patient has been discharged. |
|  | **Absent:** The patient has temporarily left the institution. |
|  | **Returned:** The patient has returned from a temporary absence. |
|  | **Moved:** The patient has been moved to a new location. |
|  | **Edit:** Encounter details have been updated (e.g. to correct a coding error). |

## ValueSet: Example Message Reason Codes

|  |  |
| --- | --- |
| Name | Example Message Reason Codes (Example Message Reason Codes) |
| Description | Example Message Reasons. These are the set of codes that might be used an updating an encounter using admin-update. |

## ValueSet: Example Use Codes for List

|  |  |
| --- | --- |
| Name | Example Use Codes for List (Example Use Codes for List) |
| Description | Example use codes for the List resource - typical kinds of use. |
| Content | **Alerts:** A list of alerts for the patient. |
|  | **Adverse Reactions:** A list of part adverse reactions. |
|  | **Allergies:** A list of Allergies for the patient. |
|  | **Medication List:** A list of medication statements for the patient. |
|  | **Problem List:** A list of problems that the patient is known of have (or have had in the past). |
|  | **Worklist:** A list of items that constitute a set of work to be performed (typically this code would be specialized for more specific uses, such as a ward round list). |
|  | **Waiting List:** A list of items waiting for an event (perhaps a surgical patient waiting list). |
|  | **Protocols:** A set of protocols to be followed. |
|  | **Care Plans:** A set of care plans that apply in a particular context of care. |

## ValueSet: Example Use Codes for List

|  |  |
| --- | --- |
| Name | Example Use Codes for List (Example Use Codes for List) |
| Description | Example use codes for the List resource - typical kinds of use. |

## ValueSet: FHIR Defined Concept Properties

|  |  |
| --- | --- |
| Name | FHIR Defined Concept Properties (F H I R Defined Concept Properties) |
| Description | A set of common concept properties for use on coded systems through out the FHIR eco-system. |
| Content | **Inactive:** True if the concept is not considered active - e.g. not a valid concept any more. Property type is boolean, default value is false |
|  | **Deprecated:** The date at which a concept was deprecated. Concepts that are deprecated but not inactive can still be used, but their use is discouraged, and they should be expected to be made inactive in a future release. Property type is dateTime |
|  | **Not Selectable:** The concept is not intended to be chosen by the user - only intended to be used as a selector for other concepts. Note, though, that the interpretation of this is highly contextual; all concepts are selectable in some context. Property type is boolean, default value is false |
|  | **Parent:** The concept identified in this property is a parent of the concept on which it is a property. The property type will be 'code'. The meaning of 'parent' is defined by the heirarchyMeaning attribute |
|  | **Child:** The concept identified in this property is a child of the concept on which it is a property. The property type will be 'code'. The meaning of 'child' is defined by the heirarchyMeaning attribute |

## ValueSet: FHIR Restful Interactions

|  |  |
| --- | --- |
| Name | FHIR Restful Interactions (F H I R Restful Interactions) |
| Description | The set of interactions defined by the RESTful part of the FHIR specification. |
| Content | **read:** Read the current state of the resource. |
|  | **vread:** Read the state of a specific version of the resource. |
|  | **update:** Update an existing resource by its id (or create it if it is new). |
|  | **patch:** Update an existing resource by posting a set of changes to it. |
|  | **delete:** Delete a resource. |
|  | **history:** Retrieve the change history for a particular resource, type of resource, or the entire system. |
|  | **history-instance:** Retrieve the change history for a particular resource. |
|  | **history-type:** Retrieve the change history for all resources of a particular type. |
|  | **history-system:** Retrieve the change history for all resources on a system. |
|  | **create:** Create a new resource with a server assigned id. |
|  | **search:** Search a resource type or all resources based on some filter criteria. |
|  | **search-type:** Search all resources of the specified type based on some filter criteria. |
|  | **search-system:** Search all resources based on some filter criteria. |
|  | **capabilities:** Get a Capability Statement for the system. |
|  | **transaction:** Update, create or delete a set of resources as a single transaction. |
|  | **batch:** perform a set of a separate interactions in a single http operation |
|  | **operation:** Perform an operation as defined by an OperationDefinition. |

## ValueSet: List Empty Reasons

|  |  |
| --- | --- |
| Name | List Empty Reasons (List Empty Reasons) |
| Description | General reasons for a list to be empty. Reasons are either related to a summary list (i.e. problem or medication list) or to a workflow related list (i.e. consultation list). |
| Content | **Nil Known:** Clinical judgment that there are no known items for this list after reasonable investigation. Note that this a positive statement by a clinical user, and not a default position asserted by a computer system in the lack of other information. Example uses: \* For allergies: the patient or patient's agent/guardian has asserted that he/she is not aware of any allergies (NKA - nil known allergies) \* For medications: the patient or patient's agent/guardian has asserted that the patient is known to be taking no medications \* For diagnoses, problems and procedures: the patient or patient's agent/guardian has asserted that there is no known event to record. |
|  | **Not Asked:** The investigation to find out whether there are items for this list has not occurred. |
|  | **Information Withheld:** The content of the list was not provided due to privacy or confidentiality concerns. Note that it should not be assumed that this means that the particular information in question was withheld due to its contents - it can also be a policy decision. |
|  | **Unavailable:** Information to populate this list cannot be obtained; e.g. unconscious patient. |
|  | **Not Started:** The work to populate this list has not yet begun. |
|  | **Closed:** This list has now closed or has ceased to be relevant or useful. |

## ValueSet: List Empty Reasons

|  |  |
| --- | --- |
| Name | List Empty Reasons (List Empty Reasons) |
| Description | General reasons for a list to be empty. Reasons are either related to a summary list (i.e. problem or medication list) or to a workflow related list (i.e. consultation list). |

## ValueSet: List Order Codes

|  |  |
| --- | --- |
| Name | List Order Codes (List Order Codes) |
| Description | Base values for the order of the items in a list resource. |
| Content | **Sorted by User:** The list was sorted by a user. The criteria the user used are not specified. |
|  | **Sorted by System:** The list was sorted by the system. The criteria the user used are not specified; define additional codes to specify a particular order (or use other defined codes). |
|  | **Sorted by Event Date:** The list is sorted by the data of the event. This can be used when the list has items which are dates with past or future events. |
|  | **Sorted by Item Date:** The list is sorted by the date the item was added to the list. Note that the date added to the list is not explicit in the list itself. |
|  | **Sorted by Priority:** The list is sorted by priority. The exact method in which priority has been determined is not specified. |
|  | **Sorted Alphabetically:** The list is sorted alphabetically by an unspecified property of the items in the list. |
|  | **Sorted by Category:** The list is sorted categorically by an unspecified property of the items in the list. |
|  | **Sorted by Patient:** The list is sorted by patient, with items for each patient grouped together. |

## ValueSet: List Order Codes

|  |  |
| --- | --- |
| Name | List Order Codes (List Order Codes) |
| Description | Base values for the order of the items in a list resource. |

## ValueSet: Participant Roles

|  |  |
| --- | --- |
| Name | Participant Roles (Participant Roles) |
| Description | Roles of Participants that may be included in a CarePlan.Participants, or in an EpisodeOfCare.CareTeam. Defined as: Is a Person, Healthcare professional (occupation) or Healthcare related organization (qualifier value). |
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## ValueSet: Vital Signs Units

|  |  |
| --- | --- |
| Name | Vital Signs Units (Vital Signs Units) |
| Description | Common UCUM units for recording Vital Signs |
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# CBCC

## ValueSet: Consent Category Codes

|  |  |
| --- | --- |
| Name | Consent Category Codes (Consent Category Codes) |
| Description | This value set includes sample Consent Directive Type codes, including several consent directive related LOINC codes; HL7 VALUE SET: ActConsentType(2.16.840.1.113883.1.11.19897); examples of US realm consent directive legal descriptions and references to online and/or downloadable forms such as the SSA-827 Authorization to Disclose Information to the Social Security Administration; and other anticipated consent directives related to participation in a clinical trial, medical procedures, reproductive procedures; health care directive (Living Will); advance directive, do not resuscitate (DNR); Physician Orders for Life-Sustaining Treatment (POLST) |
| Copyright | This value set includes content from LOINCÂ® which is copyright Â© 1995 Regenstrief Institute, Inc. and the LOINC Committee, and available at no cost under the license at http://loinc.org/terms-of-use |
| Content | **42 CFR Part 2 Form of written consent:** Required elements in a written consent to a disclosure of information governed under 42 CFR Part 2. http://www.ecfr.gov/cgi-bin/text-idx?SID=69c4339acd2df9fab9dcbed15181917b&mc=true&node=pt42.1.2&rgn=div5 |
|  | **advance directive:** Any instructions, written or given verbally by a patient to a health care provider in anticipation of potential need for medical treatment. [2005 Honor My Wishes] |
|  | **common rule informed consent:** 45 CFR part 46 Ã‚Â§46.116 General requirements for informed consent; and Ã‚Â§46.117 Documentation of informed consent. https://www.gpo.gov/fdsys/pkg/FR-2017-01-19/pdf/2017-01058.pdf |
|  | **do not resuscitate:** A legal document, signed by both the patient and their provider, stating a desire not to have CPR initiated in case of a cardiac event. Note: This form was replaced in 2003 with the Physician Orders for Life-Sustaining Treatment [POLST]. |
|  | **emergency only:** Opt-in to disclosure of health information for emergency only consent directive. Comment: This general consent directive specifically limits disclosure of health information for purpose of emergency treatment. Additional parameters may further limit the disclosure to specific users, roles, duration, types of information, and impose uses obligations. [ActConsentDirective (2.16.840.1.113883.1.11.20425)] |
|  | **Illinois Consent by Minors to Medical Procedures:** The consent to the performance of a medical or surgical procedure by a physician licensed to practice medicine and surgery, a licensed advanced practice nurse, or a licensed physician assistant executed by a married person who is a minor, by a parent who is a minor, by a pregnant woman who is a minor, or by any person 18 years of age or older, is not voidable because of such minority, and, for such purpose, a married person who is a minor, a parent who is a minor, a pregnant woman who is a minor, or any person 18 years of age or older, is deemed to have the same legal capacity to act and has the same powers and obligations as has a person of legal age. Consent by Minors to Medical Procedures Act. (410 ILCS 210/0.01) (from Ch. 111, par. 4500) Sec. 0.01. Short title. This Act may be cited as the Consent by Minors to Medical Procedures Act. (Source: P.A. 86-1324.) http://www.ilga.gov/legislation/ilcs/ilcs3.asp?ActID=1539&ChapterID=35 |
|  | **health care directive:** PatientÃ¢â‚¬â„¢s document telling patientÃ¢â‚¬â„¢s health care provider what the patient wants or does not want if the patient is diagnosed as being terminally ill and in a persistent vegetative state or in a permanently unconscious condition.[2005 Honor My Wishes] |
|  | **HIPAA Authorization:** HIPAA 45 CFR Section 164.508 Uses and disclosures for which an authorization is required. (a) Standard: Authorizations for uses and disclosures. (1) Authorization required: General rule. Except as otherwise permitted or required by this subchapter, a covered entity may not use or disclose protected health information without an authorization that is valid under this section. When a covered entity obtains or receives a valid authorization for its use or disclosure of protected health information, such use or disclosure must be consistent with such authorization. Usage Note: Authorizations governed under this regulation meet the definition of an opt in class of consent directive. |
|  | **HIPAA Notice of Privacy Practices:** Ã‚Â§ 164.520 Ã¢â‚¬â€ Notice of privacy practices for protected health information. (1) Right to notice. Except as provided by paragraph (a)(2) or (3) of this section, an individual has a right to adequate notice of the uses and disclosures of protected health information that may be made by the covered entity, and of the individual's rights and the covered entity's legal duties with respect to protected health information. Usage Note: Restrictions governed under this regulation meet the definition of an implied with an opportunity to dissent class of consent directive. |
|  | **HIPAA Restrictions:** HIPAA 45 CFR Ã‚Â§ 164.510 - Uses and disclosures requiring an opportunity for the individual to agree or to object. A covered entity may use or disclose protected health information, provided that the individual is informed in advance of the use or disclosure and has the opportunity to agree to or prohibit or restrict the use or disclosure, in accordance with the applicable requirements of this section. The covered entity may orally inform the individual of and obtain the individual's oral agreement or objection to a use or disclosure permitted by this section. Usage Note: Restrictions governed under this regulation meet the definition of an opt out with exception class of consent directive. |
|  | **HIPAA Research Authorization:** HIPAA 45 CFR Ã‚Â§ 164.508 - Uses and disclosures for which an authorization is required. (a) Standard: Authorizations for uses and disclosures. (3) Compound authorizations. An authorization for use or disclosure of protected health information may not be combined with any other document to create a compound authorization, except as follows: (i) An authorization for the use or disclosure of protected health information for a research study may be combined with any other type of written permission for the same or another research study. This exception includes combining an authorization for the use or disclosure of protected health information for a research study with another authorization for the same research study, with an authorization for the creation or maintenance of a research database or repository, or with a consent to participate in research. Where a covered health care provider has conditioned the provision of research-related treatment on the provision of one of the authorizations, as permitted under paragraph (b)(4)(i) of this section, any compound authorization created under this paragraph must clearly differentiate between the conditioned and unconditioned components and provide the individual with an opportunity to opt in to the research activities described in the unconditioned authorization. Usage Notes: See HHS http://www.hhs.gov/hipaa/for-professionals/special-topics/research/index.html and OCR http://www.hhs.gov/hipaa/for-professionals/special-topics/research/index.html |
|  | **HIPAA Self-Pay Restriction:** HIPAA 45 CFR Ã‚Â§ 164.522(a)Ã¢â‚¬â€Right To Request a Restriction of Uses and Disclosures. (vi) A covered entity must agree to the request of an individual to restrict disclosure of protected health information about the individual to a health plan if: (A) The disclosure is for the purpose of carrying out payment or health care operations and is not otherwise required by law; and (B) The protected health information pertains solely to a health care item or service for which the individual, or person other than the health plan on behalf of the individual, has paid the covered entity in full. Usage Note: Restrictions governed under this regulation meet the definition of an opt out with exception class of consent directive. Opt out is limited to disclosures to a payer for payment and operations purpose of use. See HL7 HIPAA Self-Pay code in ActPrivacyLaw (2.16.840.1.113883.1.11.20426). |
|  | **Michigan MDHHS-5515 Consent to Share Behavioral Health Information for Care Coordination Purposes:** On January 1, 2015, the Michigan Department of Health and Human Services (MDHHS) released a standard consent form for the sharing of health information specific to behavioral health and substance use treatment in accordance with Public Act 129 of 2014. In Michigan, while providers are not required to use this new standard form (MDHHS-5515), they are required to accept it. Note: Form is available at http://www.michigan.gov/documents/mdhhs/Consent\_to\_Share\_Behavioral\_Health\_Information\_for\_Care\_Coordination\_Purposes\_548835\_7.docx For more information see http://www.michigan.gov/documents/mdhhs/Behavioral\_Health\_Consent\_Form\_Background\_Information\_548864\_7.pdf |
|  | **New York State Surgical and Invasive Procedure Protocol:** The New York State Surgical and Invasive Procedure Protocol (NYSSIPP) applies to all operative and invasive procedures including endoscopy, general surgery or interventional radiology. Other procedures that involve puncture or incision of the skin, or insertion of an instrument or foreign material into the body are within the scope of the protocol. This protocol also applies to those anesthesia procedures either prior to a surgical procedure or independent of a surgical procedure such as spinal facet blocks. Example: Certain 'minor' procedures such as venipuncture, peripheral IV placement, insertion of nasogastric tube and foley catheter insertion are not within the scope of the protocol. From http://www.health.ny.gov/professionals/protocols\_and\_guidelines/surgical\_and\_invasive\_procedure/nyssipp\_faq.htm Note: HHC 100B-1 Form is available at http://www.downstate.edu/emergency\_medicine/documents/Consent\_CT\_with\_contrast.pdf |
|  | **notice of privacy practices:** Acknowledgement of custodian notice of privacy practices. Usage Notes: This type of consent directive acknowledges a custodian's notice of privacy practices including its permitted collection, access, use and disclosure of health information to users and for purposes of use specified. [ActConsentDirective (2.16.840.1.113883.1.11.20425)] |
|  | **POLST:** The Physician Order for Life-Sustaining Treatment form records a personÃ¢â‚¬â„¢s health care wishes for end of life emergency treatment and translates them into an order by the physician. It must be reviewed and signed by both the patient and the physician, Advanced Registered Nurse Practitioner or Physician Assistant. [2005 Honor My Wishes] Comment: Opt-in Consent Directive with restrictions. |
|  | **research information access:** Consent to have healthcare information in an electronic health record accessed for research purposes. [VALUE SET: ActConsentType (2.16.840.1.113883.1.11.19897)] |
|  | **de-identified information access:** Consent to have de-identified healthcare information in an electronic health record that is accessed for research purposes, but without consent to re-identify the information under any circumstance. [VALUE SET: ActConsentType (2.16.840.1.113883.1.11.19897) |
|  | **re-identifiable information access:** Consent to have de-identified healthcare information in an electronic health record that is accessed for research purposes re-identified under specific circumstances outlined in the consent. [VALUE SET: ActConsentType (2.16.840.1.113883.1.11.19897)] |
|  | **Form SSA-827:** SSA Form SSA-827 (Authorization to Disclose Information to the Social Security Administration (SSA))and its affiliated State disability determination services use Form SSA-827, Authorization to Disclose Information to the Social Security Administration (SSA) to obtain medical and other information needed to determine whether or not a claimant is disabled. Comment: Opt-in Consent Directive. Note: Form is available at https://www.socialsecurity.gov/forms/ssa-827-inst-sp.pdf |
|  | **VA Form 10-0484:** VA Form 10-0484 Revocation for Release of Individually-Identifiable Health Information enables a veteran to revoke authorization for the VA to release specified copies of individually-identifiable health information with the non-VA health care provider organizations participating in the eHealth Exchange and partnering with VA. Comment: Opt-in Consent Directive with status = rescinded (aka 'revoked'). Note: Form is available at http://www.va.gov/vaforms/medical/pdf/vha-10-0484-fill.pdf |
|  | **VA Form 10-0485:** VA Form 10-0485 Request for and Authorization to Release Protected Health Information to eHealth Exchange enables a veteran to request and authorize a VA health care facility to release protected health information (PHI) for treatment purposes only to the communities that are participating in the eHealth Exchange, VLER Directive, and other Health Information Exchanges with who VA has an agreement. This information may consist of the diagnosis of Sickle Cell Anemia, the treatment of or referral for Drug Abuse, treatment of or referral for Alcohol Abuse or the treatment of or testing for infection with Human Immunodeficiency Virus. This authorization covers the diagnoses that I may have upon signing of the authorization and the diagnoses that I may acquire in the future including those protected by 38 U.S.C. 7332. Comment: Opt-in Consent Directive. Note: Form is available at http://www.va.gov/vaforms/medical/pdf/10-0485-fill.pdf |
|  | **VA Form 10-5345:** VA Form 10-5345 Request for and Authorization to Release Medical Records or Health Information enables a veteran to request and authorize the VA to release specified copies of protected health information (PHI), such as hospital summary or outpatient treatment notes, which may include information about conditions governed under Title 38 Section 7332 (drug abuse, alcoholism or alcohol abuse, testing for or infection with HIV, and sickle cell anemia). Comment: Opt-in Consent Directive. Note: Form is available at http://www.va.gov/vaforms/medical/pdf/vha-10-5345-fill.pdf |
|  | **VA Form 10-5345a:** VA Form 10-5345a Individuals' Request for a Copy of Their Own Health Information enables a veteran to request and authorize the VA to release specified copies of protected health information (PHI), such as hospital summary or outpatient treatment notes. Note: Form is available at http://www.va.gov/vaforms/medical/pdf/vha-10-5345a-fill.pdf |
|  | **VA Form 10-5345a-MHV:** VA Form 10-5345a-MHV IndividualÃ¢â‚¬â„¢s Request for a Copy of their own health information from MyHealtheVet enables a veteran to receive a copy of all available personal health information to be delivered through the veteranÃ¢â‚¬â„¢s My HealtheVet account. Note: Form is available at http://www.va.gov/vaforms/medical/pdf/vha-10-5345a-MHV-fill.pdf |
|  | **VA Form 10-10-10116:** VA Form 10-10116 Revocation of Authorization for Use and Release of Individually Identifiable Health Information for Veterans Health Administration Research. Comment: Opt-in with Restriction Consent Directive with status = 'completed'. Note: Form is available at http://www.northerncalifornia.va.gov/northerncalifornia/services/rnd/docs/vha-10-10116.pdf |
|  | **VA Form 21-4142:** VA Form 21-4142 (Authorization and Consent to Release Information to the Department of Veterans Affairs (VA) enables a veteran to authorize the US Veterans Administration [VA] to request veteranÃ¢â‚¬â„¢s health information from non-VA providers. Aka VA Compensation Application Note: Form is available at http://www.vba.va.gov/pubs/forms/VBA-21-4142-ARE.pdf . For additional information regarding VA Form 21-4142, refer to the following website: www.benefits.va.gov/compensation/consent\_privateproviders |

## ValueSet: Consent Category Codes

|  |  |
| --- | --- |
| Name | Consent Category Codes (Consent Category Codes) |
| Description | This value set includes sample Consent Directive Type codes, including several consent directive related LOINC codes; HL7 VALUE SET: ActConsentType(2.16.840.1.113883.1.11.19897); examples of US realm consent directive legal descriptions and references to online and/or downloadable forms such as the SSA-827 Authorization to Disclose Information to the Social Security Administration; and other anticipated consent directives related to participation in a clinical trial, medical procedures, reproductive procedures; health care directive (Living Will); advance directive, do not resuscitate (DNR); Physician Orders for Life-Sustaining Treatment (POLST) |
| Copyright | This value set includes content from LOINCÂ® which is copyright Â© 1995 Regenstrief Institute, Inc. and the LOINC Committee, and available at no cost under the license at http://loinc.org/terms-of-use |

# FHIR Project team

## ValueSet: Account Types

|  |  |
| --- | --- |
| Name | Account Types (Account Types) |
| Description | This examples value set defines the set of codes that can be used to represent the type of an account. |

## ValueSet: Adjudication Value Codes

|  |  |
| --- | --- |
| Name | Adjudication Value Codes (Adjudication Value Codes) |
| Description | This value set includes a smattering of Adjudication Value codes which includes codes to indicate the amounts eligible under the plan, the amount of benefit, copays etc. |
| Copyright | This is an example set. |
| Content | **Total:** Total submitted |
|  | **CoPay:** Patient Co-Payment |
|  | **Eligible Amount:** Amount of the change which is considered for adjudication |
|  | **Deductable:** Amount deducted from the eligible amount prior to adjudication |
|  | **Eligible %:** Eligible Percentage |
|  | **Emergency Department:** Emergency Department |
|  | **Benefit Amount:** Amount payable under the coverage |

## ValueSet: Adjudication Value Codes

|  |  |
| --- | --- |
| Name | Adjudication Value Codes (Adjudication Value Codes) |
| Description | This value set includes a smattering of Adjudication Value codes which includes codes to indicate the amounts eligible under the plan, the amount of benefit, copays etc. |
| Copyright | This is an example set. |

## ValueSet: AdmitSource

|  |  |
| --- | --- |
| Name | AdmitSource (Admit Source) |
| Description | This value set defines a set of codes that can be used to indicate from where the patient came in. |
| Content | **Transferred from other hospital:** |
|  | **From accident/emergency department:** |
|  | **From outpatient department:** |
|  | **Born in hospital:** |
|  | **General Practitioner referral:** |
|  | **Medical Practitioner/physician referral:** |
|  | **From nursing home:** |
|  | **From psychiatric hospital:** |
|  | **From rehabilitation facility:** |
|  | **Other:** |

## ValueSet: AdmitSource

|  |  |
| --- | --- |
| Name | AdmitSource (Admit Source) |
| Description | This value set defines a set of codes that can be used to indicate from where the patient came in. |

## ValueSet: AllergyIntolerance Substance/Product, Condition and Negation Codes

|  |  |
| --- | --- |
| Name | AllergyIntolerance Substance/Product, Condition and Negation Codes (Allergy Intolerance Substance/ Product, Condition and Negation Codes) |
| Description | This value set includes concept codes for specific substances/pharmaceutical products, allergy or intolerance conditions, and negation/exclusion codes to specify the absence of specific types of allergies or intolerances. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: AnimalBreeds

|  |  |
| --- | --- |
| Name | AnimalBreeds (Animal Breeds) |
| Description | This example value set defines a set of codes that can be used to indicate breeds of species. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: AnimalSpecies

|  |  |
| --- | --- |
| Name | AnimalSpecies (Animal Species) |
| Description | This example value set defines a set of codes that can be used to indicate species of animal patients. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |
| Content | **Dog:** Canis lupus familiaris |
|  | **Sheep:** Ovis aries |
|  | **Domestic Canary:** Serinus canaria domestica |

## ValueSet: AnimalSpecies

|  |  |
| --- | --- |
| Name | AnimalSpecies (Animal Species) |
| Description | This example value set defines a set of codes that can be used to indicate species of animal patients. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: Basic Resource Types

|  |  |
| --- | --- |
| Name | Basic Resource Types (Basic Resource Types) |
| Description | This value set defines codes for resources not yet supported by (or which will never be supported by) FHIR. Many of the codes listed here will eventually be turned into official resources. However, there is no guarantee that any particular resource will be created nor that the scope will be exactly as defined by the codes presented here. Codes in this set will be deprecated if/when formal resources are defined that encompass these concepts. |
| Content | **Consent:** An assertion of permission for an activity or set of activities to occur, possibly subject to particular limitations; e.g. surgical consent, information disclosure consent, etc. |
|  | **Referral:** A request that care of a particular type be provided to a patient. Could involve the transfer of care, a consult, etc. |
|  | **Adverse Event:** An undesired reaction caused by exposure to some agent (e.g. a medication, immunization, food, or environmental agent). |
|  | **Appointment Request:** A request that a time be scheduled for a type of service for a specified patient, potentially subject to other constraints |
|  | **Transfer:** The transition of a patient or set of material from one location to another |
|  | **Diet:** The specification of a set of food and/or other nutritional material to be delivered to a patient. |
|  | **Administrative Activity:** An occurrence of a non-care-related event in the healthcare domain, such as approvals, reviews, etc. |
|  | **Exposure:** Record of a situation where a subject was exposed to a substance. Usually of interest to public health. |
|  | **Investigation:** A formalized inquiry into the circumstances surrounding a particular unplanned event or potential event for the purposes of identifying possible causes and contributing factors for the event |
|  | **Account:** A financial instrument used to track costs, charges or other amounts. |
|  | **Invoice:** A request for payment for goods and/or services. Includes the idea of a healthcare insurance claim. |
|  | **Invoice Adjudication:** The determination of what will be paid against a particular invoice based on coverage, plan rules, etc. |
|  | **Pre-determination Request:** A request for a pre-determination of the cost that would be paid under an insurance plan for a hypothetical claim for goods or services |
|  | **Predetermination:** An adjudication of what would be paid under an insurance plan for a hypothetical claim for goods or services |
|  | **Study:** An investigation to determine information about a particular therapy or product |
|  | **Protocol:** A set of (possibly conditional) steps to be taken to achieve some aim. Includes study protocols, treatment protocols, emergency protocols, etc. |

## ValueSet: Basic Resource Types

|  |  |
| --- | --- |
| Name | Basic Resource Types (Basic Resource Types) |
| Description | This value set defines codes for resources not yet supported by (or which will never be supported by) FHIR. Many of the codes listed here will eventually be turned into official resources. However, there is no guarantee that any particular resource will be created nor that the scope will be exactly as defined by the codes presented here. Codes in this set will be deprecated if/when formal resources are defined that encompass these concepts. |

## ValueSet: Beneficiary Relationship Codes

|  |  |
| --- | --- |
| Name | Beneficiary Relationship Codes (Beneficiary Relationship Codes) |
| Description | This value set includes the Patient to subscriber relationship codes. |
| Copyright | This is an example set. |
| Content | **Self:** The patient is the subscriber (policy holder) |
|  | **Spouse:** The patient is the spouse or equivalent of the subscriber (policy holder) |
|  | **Child:** The patient is the child of the subscriber (policy holder) |
|  | **Common Law Spouse:** The patient is the common law spouse of the subscriber (policy holder) |
|  | **Other:** The patient has some other relationship, such as parent, to the subscriber (policy holder) |

## ValueSet: Beneficiary Relationship Codes

|  |  |
| --- | --- |
| Name | Beneficiary Relationship Codes (Beneficiary Relationship Codes) |
| Description | This value set includes the Patient to subscriber relationship codes. |
| Copyright | This is an example set. |

## ValueSet: Claim Processing Codes

|  |  |
| --- | --- |
| Name | Claim Processing Codes (Claim Processing Codes) |
| Description | This value set includes a Claim Processing Outcome codes. |
| Copyright | This is an example set. |
| Content | **Processing Complete:** The processing has completed without errors |
|  | **Error:** One or more errors have been detected in the Claim |
|  | **Partial Processing:** No errors have been detected in the Claim and some of the adjudication has been performed. |

## ValueSet: Claim Processing Codes

|  |  |
| --- | --- |
| Name | Claim Processing Codes (Claim Processing Codes) |
| Description | This value set includes a Claim Processing Outcome codes. |
| Copyright | This is an example set. |

## ValueSet: Clinical Impression Prognosis

|  |  |
| --- | --- |
| Name | Clinical Impression Prognosis (Clinical Impression Prognosis) |
| Description | Example value set clinical impression prognosis |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: Codes for Immunization Site of Administration

|  |  |
| --- | --- |
| Name | Codes for Immunization Site of Administration (Codes for Immunization Site of Administration) |
| Description | The value set to instantiate this attribute should be drawn from a terminologically robust code system that consists of or contains concepts to support describing the body site where the vaccination occurred. This value set is provided as a suggestive example. |

## ValueSet: Common Tags

|  |  |
| --- | --- |
| Name | Common Tags (Common Tags) |
| Description | Common Tag Codes defined by FHIR project |
| Content | **Actionable:** This request is intended to be acted upon, not merely stored |

## ValueSet: Common Tags

|  |  |
| --- | --- |
| Name | Common Tags (Common Tags) |
| Description | Common Tag Codes defined by FHIR project |

## ValueSet: Condition Category Codes

|  |  |
| --- | --- |
| Name | Condition Category Codes (Condition Category Codes) |
| Description | Preferred value set for Condition Categories. |
| Content | **Problem List Item:** An item on a problem list which can be managed over time and can be expressed by a practitioner (e.g. physician, nurse), patient, or related person. |
|  | **Encounter Diagnosis:** A point in time diagnosis (e.g. from a physician or nurse) in context of an encounter. |

## ValueSet: Condition Category Codes

|  |  |
| --- | --- |
| Name | Condition Category Codes (Condition Category Codes) |
| Description | Preferred value set for Condition Categories. |

## ValueSet: Condition Cause Codes

|  |  |
| --- | --- |
| Name | Condition Cause Codes (Condition Cause Codes) |
| Description | Example value set for Cause of Condition codes |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: Condition Clinical Status Codes

|  |  |
| --- | --- |
| Name | Condition Clinical Status Codes (Condition Clinical Status Codes) |
| Description | Preferred value set for Condition Clinical Status. |
| Content | **Active:** The subject is currently experiencing the symptoms of the condition or there is evidence of the condition. |
|  | **Recurrence:** The subject is having a relapse or re-experiencing the condition after a period of remission or presumed resolution. |
|  | **Inactive:** The subject is no longer experiencing the symptoms of the condition or there is no longer evidence of the condition. |
|  | **Remission:** The subject is no longer experiencing the symptoms of the condition, but there is a risk of the symptoms returning. |
|  | **Resolved:** The subject is no longer experiencing the symptoms of the condition and there is a negligible perceived risk of the symptoms returning. |

## ValueSet: Condition Clinical Status Codes

|  |  |
| --- | --- |
| Name | Condition Clinical Status Codes (Condition Clinical Status Codes) |
| Description | Preferred value set for Condition Clinical Status. |

## ValueSet: Condition Outcome Codes

|  |  |
| --- | --- |
| Name | Condition Outcome Codes (Condition Outcome Codes) |
| Description | Example value set for Condition Outcomes |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: Condition Predecessor Codes

|  |  |
| --- | --- |
| Name | Condition Predecessor Codes (Condition Predecessor Codes) |
| Description | Example value set for Condition Predecessor codes |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: Condition/Diagnosis Severity

|  |  |
| --- | --- |
| Name | Condition/Diagnosis Severity (Condition/ Diagnosis Severity) |
| Description | Preferred value set for Condition/Diagnosis severity grading |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: Condition/Problem/Diagnosis Codes

|  |  |
| --- | --- |
| Name | Condition/Problem/Diagnosis Codes (Condition/ Problem/ Diagnosis Codes) |
| Description | Example value set for Condition/Problem/Diagnosis codes |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: ContactEntityType

|  |  |
| --- | --- |
| Name | ContactEntityType (Contact Entity Type) |
| Description | This example value set defines a set of codes that can be used to indicate the purpose for which you would contact a contact party. |
| Content | **Billing:** Contact details for information regarding to billing/general finance enquiries. |
|  | **Administrative:** Contact details for administrative enquiries. |
|  | **Human Resource:** Contact details for issues related to Human Resources, such as staff matters, OH&S etc. |
|  | **Payor:** Contact details for dealing with issues related to insurance claims/adjudication/payment. |
|  | **Patient:** Generic information contact for patients. |
|  | **Press:** Dedicated contact point for matters relating to press enquiries. |

## ValueSet: ContactEntityType

|  |  |
| --- | --- |
| Name | ContactEntityType (Contact Entity Type) |
| Description | This example value set defines a set of codes that can be used to indicate the purpose for which you would contact a contact party. |

## ValueSet: Context of Use ValueSet

|  |  |
| --- | --- |
| Name | Context of Use ValueSet (Context of Use Value Set) |
| Description | This value set defines a base set of codes that can be used to indicate that the content in a resource was developed with a focus and intent of supporting use within particular contexts. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: Detected Issue Category

|  |  |
| --- | --- |
| Name | Detected Issue Category (Detected Issue Category) |
| Description | Kinds of issues or contraindications, such as 'drug-drug interaction', 'duplicate therapy', etc. |

## ValueSet: Detected Issue Mitigation Action

|  |  |
| --- | --- |
| Name | Detected Issue Mitigation Action (Detected Issue Mitigation Action) |
| Description | Kinds of mitigating actions and observations that can be associated with a detected issue or contraindication, such as 'added concurrent therapy', 'prior therapy documented', etc. |

## ValueSet: DiagnosisRole

|  |  |
| --- | --- |
| Name | DiagnosisRole (Diagnosis Role) |
| Description | This value set defines a set of codes that can be used to express the role of a diagnosis on the Encounter or EpisodeOfCare record. |
| Content | **Admission diagnosis:** |
|  | **Discharge diagnosis:** |
|  | **Chief complaint:** |
|  | **Comorbidity diagnosis:** |
|  | **pre-op diagnosis:** |
|  | **post-op diagnosis:** |
|  | **Billing:** |

## ValueSet: DiagnosisRole

|  |  |
| --- | --- |
| Name | DiagnosisRole (Diagnosis Role) |
| Description | This value set defines a set of codes that can be used to express the role of a diagnosis on the Encounter or EpisodeOfCare record. |

## ValueSet: Diagnostic Service Section Codes

|  |  |
| --- | --- |
| Name | Diagnostic Service Section Codes (Diagnostic Service Section Codes) |
| Description | This value set includes all the codes in HL7 v2 table 0074. |

## ValueSet: Diet

|  |  |
| --- | --- |
| Name | Diet (Diet) |
| Description | This value set defines a set of codes that can be used to indicate dietary preferences or restrictions a patient may have. |
| Content | **Vegetarian:** Food without meat, poultry or seafood. |
|  | **Dairy Free:** Excludes dairy products. |
|  | **Nut Free:** Excludes ingredients containing nuts. |
|  | **Gluten Free:** Excludes ingredients containing gluten. |
|  | **Vegan:** Food without meat, poultry, seafood, eggs, dairy products and other animal-derived substances. |
|  | **Halal:** Foods that conform to Islamic law. |
|  | **Kosher:** Foods that conform to Jewish dietary law. |

## ValueSet: Diet

|  |  |
| --- | --- |
| Name | Diet (Diet) |
| Description | This value set defines a set of codes that can be used to indicate dietary preferences or restrictions a patient may have. |

## ValueSet: DischargeDisposition

|  |  |
| --- | --- |
| Name | DischargeDisposition (Discharge Disposition) |
| Description | This value set defines a set of codes that can be used to where the patient left the hospital. |
| Content | **Home:** |
|  | **Other healthcare facility:** |
|  | **Hospice:** |
|  | **Long-term care:** |
|  | **Left against advice:** |
|  | **Expired:** |
|  | **Psychiatric hospital:** |
|  | **Rehabilitation:** |
|  | **Skilled nursing facility:** |
|  | **Other:** |

## ValueSet: DischargeDisposition

|  |  |
| --- | --- |
| Name | DischargeDisposition (Discharge Disposition) |
| Description | This value set defines a set of codes that can be used to where the patient left the hospital. |

## ValueSet: ENSEMBL

|  |  |
| --- | --- |
| Name | ENSEMBL (E N S E M B L) |
| Description | This value set includes all Reference codes |
| Copyright | (ENSEMBL)Ensembl imposes no restrictions on access to, or use of, the data provided and the software used to analyse and present it. Ensembl data generated by members of the project are available without restriction || (NCBI) NCBI itself places no restrictions on the use or distribution of the data contained therein. Nor do we accept data when the submitter has requested restrictions on reuse or redistribution. However, some submitters of the original data (or the country of origin of such data) may claim patent, copyright, or other intellectual property rights in all or a portion of the data (that has been submitted). NCBI is not in a position to assess the validity of such claims and since there is no transfer of rights from submitters to NCBI, NCBI has no rights to transfer to a third party. Therefore, NCBI cannot provide comment or unrestricted permission concerning the use, copying, or distribution of the information contained in the molecular databases. |

## ValueSet: Encounter Reason Codes

|  |  |
| --- | --- |
| Name | Encounter Reason Codes (Encounter Reason Codes) |
| Description | This examples value set defines the set of codes that can be used to indicate reasons for an encounter. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: EncounterType

|  |  |
| --- | --- |
| Name | EncounterType (Encounter Type) |
| Description | This example value set defines a set of codes that can be used to indicate the type of encounter: a specific code indicating type of service provided. |
| Content | **Annual diabetes mellitus screening:** |
|  | **Bone drilling/bone marrow punction in clinic:** |
|  | **Infant colon screening - 60 minutes:** |
|  | **Outpatient Kenacort injection:** |

## ValueSet: EncounterType

|  |  |
| --- | --- |
| Name | EncounterType (Encounter Type) |
| Description | This example value set defines a set of codes that can be used to indicate the type of encounter: a specific code indicating type of service provided. |

## ValueSet: EpisodeOfCareType

|  |  |
| --- | --- |
| Name | EpisodeOfCareType (Episode Of Care Type) |
| Description | This example value set defines a set of codes that can be used to express the usage type of an EpisodeOfCare record. |
| Content | **Home and Community Care:** |
|  | **Post Acute Care:** |
|  | **Post co-ordinated diabetes program:** |
|  | **Drug and alcohol rehabilitation:** |
|  | **Community-based aged care:** |

## ValueSet: EpisodeOfCareType

|  |  |
| --- | --- |
| Name | EpisodeOfCareType (Episode Of Care Type) |
| Description | This example value set defines a set of codes that can be used to express the usage type of an EpisodeOfCare record. |

## ValueSet: FDA-Method

|  |  |
| --- | --- |
| Name | FDA-Method (F D A- Method) |
| Description | This value set includes all Reference codes |
| Copyright | Unless otherwise noted, the contents of the FDA website (www.fda.gov)â€”both text and graphicsâ€”are not copyrighted. They are in the public domain and may be republished, reprinted and otherwise used freely by anyone without the need to obtain permission from FDA. Credit to the U.S. Food and Drug Administration as the source is appreciated but not required. FDA appreciates being informed about the use of website materials. Contact FDA, HFI-50, Rockville, MD 20857 or email webmail@oc.fda.gov. |

## ValueSet: FDA-StandardSequence

|  |  |
| --- | --- |
| Name | FDA-StandardSequence (F D A- Standard Sequence) |
| Description | This value set includes all Reference codes |
| Copyright | Unless otherwise noted, the contents of the FDA website (www.fda.gov)â€”both text and graphicsâ€”are not copyrighted. They are in the public domain and may be republished, reprinted and otherwise used freely by anyone without the need to obtain permission from FDA. Credit to the U.S. Food and Drug Administration as the source is appreciated but not required. FDA appreciates being informed about the use of website materials. Contact FDA, HFI-50, Rockville, MD 20857 or email webmail@oc.fda.gov. |

## ValueSet: FHIR Specimen Collection Method

|  |  |
| --- | --- |
| Name | FHIR Specimen Collection Method (F H I R Specimen Collection Method) |
| Description | This example value set defines a set of codes that can be used to indicate the method of collection of a specimen. It includes values from HL7 v2 table 0048. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: Flag Priority Codes

|  |  |
| --- | --- |
| Name | Flag Priority Codes (Flag Priority Codes) |
| Description | This value set is provided as an exemplar. The value set is driven by IHE Table B.8-4: Abnormal Flags, Alert Priority. |
| Content | **No alarm:** No alarm. |
|  | **Low priority:** Low priority. |
|  | **Medium priority:** Medium priority. |
|  | **High priority:** High priority. |

## ValueSet: Flag Priority Codes

|  |  |
| --- | --- |
| Name | Flag Priority Codes (Flag Priority Codes) |
| Description | This value set is provided as an exemplar. The value set is driven by IHE Table B.8-4: Abnormal Flags, Alert Priority. |

## ValueSet: GenderStatus

|  |  |
| --- | --- |
| Name | GenderStatus (Gender Status) |
| Description | This example value set defines a set of codes that can be used to indicate the current state of the animal's reproductive organs. |
| Content | **Neutered:** The animal has been sterilized, castrated or otherwise made infertile. |
|  | **Intact:** The animal's reproductive organs are intact. |
|  | **Unknown:** Unable to determine whether the animal has been neutered. |

## ValueSet: GenderStatus

|  |  |
| --- | --- |
| Name | GenderStatus (Gender Status) |
| Description | This example value set defines a set of codes that can be used to indicate the current state of the animal's reproductive organs. |

## ValueSet: Immunization Origin Codes

|  |  |
| --- | --- |
| Name | Immunization Origin Codes (Immunization Origin Codes) |
| Description | The value set to instantiate this attribute should be drawn from a terminologically robust code system that consists of or contains concepts to support describing the source of the data when the report of the immunization event is not based on information from the person, entity or organization who administered the vaccine. This value set is provided as a suggestive example. |
| Content | **Other Provider:** The data for the immunization event originated with another provider. |
|  | **Written Record:** The data for the immunization event originated with a written record for the patient. |
|  | **Parent/Guardian/Patient Recall:** The data for the immunization event originated from the recollection of the patient or parent/guardian of the patient. |
|  | **School Record:** The data for the immunization event originated with a school record for the patient. |

## ValueSet: Immunization Origin Codes

|  |  |
| --- | --- |
| Name | Immunization Origin Codes (Immunization Origin Codes) |
| Description | The value set to instantiate this attribute should be drawn from a terminologically robust code system that consists of or contains concepts to support describing the source of the data when the report of the immunization event is not based on information from the person, entity or organization who administered the vaccine. This value set is provided as a suggestive example. |

## ValueSet: Immunization Reason Codes

|  |  |
| --- | --- |
| Name | Immunization Reason Codes (Immunization Reason Codes) |
| Description | The value set to instantiate this attribute should be drawn from a terminologically robust code system that consists of or contains concepts to support describing the reason why a dose of vaccine was administered. This value set is provided as a suggestive example. |
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## ValueSet: Immunization Reasons for Not Immunizing Codes

|  |  |
| --- | --- |
| Name | Immunization Reasons for Not Immunizing Codes (Immunization Reasons for Not Immunizing Codes) |
| Description | The value set to instantiate this attribute should be drawn from a terminologically robust code system that consists of or contains concepts to support describing the reason why a dose of vaccine was not administered. This value set is provided as a suggestive example. |
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## ValueSet: Immunization Recommendation Date Criterion Codes

|  |  |
| --- | --- |
| Name | Immunization Recommendation Date Criterion Codes (Immunization Recommendation Date Criterion Codes) |
| Description | The value set to instantiate this attribute should be drawn from a terminologically robust code system that consists of or contains concepts to support the definition of dates relevant to recommendations for future doses of vaccines. This value set is provided as a suggestive example. |
| Content | **Due:** Date the next dose is considered due. |
|  | **Recommended:** At the recommended date. |
|  | **Earliest Date:** As early as possible. |
|  | **Past Due Date:** Date the next dose is considered overdue. |
|  | **Latest:** The latest date the next dose is to be given. |

## ValueSet: Immunization Recommendation Date Criterion Codes

|  |  |
| --- | --- |
| Name | Immunization Recommendation Date Criterion Codes (Immunization Recommendation Date Criterion Codes) |
| Description | The value set to instantiate this attribute should be drawn from a terminologically robust code system that consists of or contains concepts to support the definition of dates relevant to recommendations for future doses of vaccines. This value set is provided as a suggestive example. |

## ValueSet: Immunization Recommendation Status Codes

|  |  |
| --- | --- |
| Name | Immunization Recommendation Status Codes (Immunization Recommendation Status Codes) |
| Description | The value set to instantiate this attribute should be drawn from a terminologically robust code system that consists of or contains concepts to support describing the status of the patient towards perceived immunity against a vaccine preventable disease. This value set is provided as a suggestive example. |
| Content | **Due:** The patient is due for their next vaccination. |
|  | **Overdue:** The patient is considered overdue for their next vaccination. |

## ValueSet: Immunization Recommendation Status Codes

|  |  |
| --- | --- |
| Name | Immunization Recommendation Status Codes (Immunization Recommendation Status Codes) |
| Description | The value set to instantiate this attribute should be drawn from a terminologically robust code system that consists of or contains concepts to support describing the status of the patient towards perceived immunity against a vaccine preventable disease. This value set is provided as a suggestive example. |

## ValueSet: Immunization Recommendation Target Disease Codes

|  |  |
| --- | --- |
| Name | Immunization Recommendation Target Disease Codes (Immunization Recommendation Target Disease Codes) |
| Description | The value set to instantiate this attribute should be drawn from a terminologically robust code system that consists of or contains concepts to support describing the disease targeted by a vaccination recommendation. This value set is provided as a suggestive example and includes the SNOMED CT concepts from the 64572001 (Disease) hierarchy. |
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## ValueSet: Immunization Role Codes

|  |  |
| --- | --- |
| Name | Immunization Role Codes (Immunization Role Codes) |
| Description | The value set to instantiate this attribute should be drawn from a terminologically robust code system that consists of or contains concepts to support describing the role a practitioner may play in the immunization event. This value set is provided as a suggestive example. |

## ValueSet: Immunization Route Codes

|  |  |
| --- | --- |
| Name | Immunization Route Codes (Immunization Route Codes) |
| Description | The value set to instantiate this attribute should be drawn from a terminologically robust code system that consists of or contains concepts to support describing the administrative routes used during vaccination. This value set is provided as a suggestive example. |

## ValueSet: Immunization Status Codes

|  |  |
| --- | --- |
| Name | Immunization Status Codes (Immunization Status Codes) |
| Description | The value set to instantiate this attribute should be drawn from a terminologically robust code system that consists of or contains concepts to support describing the current status of the administered dose of vaccine. |

## ValueSet: Investigation Type

|  |  |
| --- | --- |
| Name | Investigation Type (Investigation Type) |
| Description | Example value set for investigation type |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: Jurisdiction ValueSet

|  |  |
| --- | --- |
| Name | Jurisdiction ValueSet (Jurisdiction Value Set) |
| Description | This value set defines a base set of codes for country and region, for indicating where a resource is intended to be used |

## ValueSet: LOINC Codes

|  |  |
| --- | --- |
| Name | LOINC Codes (L O I N C Codes) |
| Description | This value set includes all LOINC codes |
| Copyright | This content from LOINCÂ® is copyright Â© 1995 Regenstrief Institute, Inc. and the LOINC Committee, and available at no cost under the license at http://loinc.org/terms-of-use. |

## ValueSet: LOINC Codes for Cholesterol in Serum/Plasma

|  |  |
| --- | --- |
| Name | LOINC Codes for Cholesterol in Serum/Plasma (L O I N C Codes for Cholesterol in Serum/ Plasma) |
| Description | This is an example value set that includes all the LOINC codes for serum/plasma cholesterol from v2.36. |
| Copyright | This content from LOINCÂ® is copyright Â© 1995 Regenstrief Institute, Inc. and the LOINC Committee, and available at no cost under the license at http://loinc.org/terms-of-use. |

## ValueSet: LOINC Diagnostic Report Codes

|  |  |
| --- | --- |
| Name | LOINC Diagnostic Report Codes (L O I N C Diagnostic Report Codes) |
| Description | This value set includes all the LOINC codes which relate to Diagnostic Observations. |
| Copyright | This content from LOINCÂ® is copyright Â© 1995 Regenstrief Institute, Inc. and the LOINC Committee, and available at no cost under the license at http://loinc.org/terms-of-use. |

## ValueSet: LocationType

|  |  |
| --- | --- |
| Name | LocationType (Location Type) |
| Description | This example value set defines a set of codes that can be used to indicate the physical form of the Location. |
| Content | **Site:** A collection of buildings or other locations such as a site or a campus. |
|  | **Building:** Any Building or structure. This may contain rooms, corridors, wings, etc. It may not have walls, or a roof, but is considered a defined/allocated space. |
|  | **Wing:** A Wing within a Building, this often contains levels, rooms and corridors. |
|  | **Ward:** A Ward is a section of a medical facility that may contain rooms and other types of location. |
|  | **Level:** A Level in a multi-level Building/Structure. |
|  | **Corridor:** Any corridor within a Building, that may connect rooms. |
|  | **Room:** A space that is allocated as a room, it may have walls/roof etc., but does not require these. |
|  | **Bed:** A space that is allocated for sleeping/laying on. This is not the physical bed/trolley that may be moved about, but the space it may occupy. |
|  | **Vehicle:** A means of transportation. |
|  | **House:** A residential dwelling. Usually used to reference a location that a person/patient may reside. |
|  | **Cabinet:** A container that can store goods, equipment, medications or other items. |
|  | **Road:** A defined path to travel between 2 points that has a known name. |
|  | **Area:** A defined physical boundary of something, such as a flood risk zone, region, postcode |
|  | **Jurisdiction:** A wide scope that covers a conceptual domain, such as a Nation (Country wide community or Federal Government - e.g. Ministry of Health), Province or State (community or Government), Business (throughout the enterprise), Nation with a business scope of an agency (e.g. CDC, FDA etc.) or a Business segment (UK Pharmacy), not just an physical boundry |

## ValueSet: LocationType

|  |  |
| --- | --- |
| Name | LocationType (Location Type) |
| Description | This example value set defines a set of codes that can be used to indicate the physical form of the Location. |

## ValueSet: Manifestation and Symptom Codes

|  |  |
| --- | --- |
| Name | Manifestation and Symptom Codes (Manifestation and Symptom Codes) |
| Description | Example value set for Manifestation and Symptom codes. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: Marital Status Codes

|  |  |
| --- | --- |
| Name | Marital Status Codes (Marital Status Codes) |
| Description | This value set defines the set of codes that can be used to indicate the marital status of a person. |
| Content | **Unmarried:** The person is not presently married. The marital history is not known or stated. |

## ValueSet: Marital Status Codes

|  |  |
| --- | --- |
| Name | Marital Status Codes (Marital Status Codes) |
| Description | This value set defines the set of codes that can be used to indicate the marital status of a person. |

## ValueSet: Media Collection View/Projection

|  |  |
| --- | --- |
| Name | Media Collection View/Projection (Media Collection View/ Projection) |
| Description | Codes defined in SNOMED CT that can be used to record Media Recording views. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: Media SubType

|  |  |
| --- | --- |
| Name | Media SubType (Media Sub Type) |
| Description | Detailed information about the type of the image - its kind, purpose, or the kind of equipment used to generate it. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |
| Content | **Diagram:** A diagram. Often used in diagnostic reports |
|  | **Fax:** A digital record of a fax document |
|  | **Scanned Document:** A digital scan of a document. This is reserved for when there is not enough metadata to create a document reference |
|  | **Retina scan:** A retinal image used for identification purposes |
|  | **Fingerprint:** A finger print scan used for identification purposes |
|  | **Iris:** An iris scan used for identification purposes |
|  | **Palm:** A palm scan used for identification purposes |
|  | **Face:** A face scan used for identification purposes |

## ValueSet: Media SubType

|  |  |
| --- | --- |
| Name | Media SubType (Media Sub Type) |
| Description | Detailed information about the type of the image - its kind, purpose, or the kind of equipment used to generate it. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: Observation Category Codes

|  |  |
| --- | --- |
| Name | Observation Category Codes (Observation Category Codes) |
| Description | Observation Category codes. |
| Content | **Social History:** The Social History Observations define the patient's occupational, personal (e.g. lifestyle), social, and environmental history and health risk factors, as well as administrative data such as marital status, race, ethnicity and religious affiliation. |
|  | **Vital Signs:** Clinical observations measure the body's basic functions such as such as blood pressure, heart rate, respiratory rate, height, weight, body mass index, head circumference, pulse oximetry, temperature, and body surface area. |
|  | **Imaging:** Observations generated by imaging. The scope includes observations, plain x-ray, ultrasound, CT, MRI, angiography, echocardiography, nuclear medicine. |
|  | **Laboratory:** The results of observations generated by laboratories. Laboratory results are typically generated by laboratories providing analytic services in areas such as chemistry, hematology, serology, histology, cytology, anatomic pathology, microbiology, and/or virology. These observations are based on analysis of specimens obtained from the patient and submitted to the laboratory. |
|  | **Procedure:** Observations generated by other procedures. This category includes observations resulting from interventional and non-interventional procedures excluding lab and imaging (e.g. cardiology catheterization, endoscopy, electrodiagnostics, etc.). Procedure results are typically generated by a clinician to provide more granular information about component observations made during a procedure, such as where a gastroenterologist reports the size of a polyp observed during a colonoscopy. |
|  | **Survey:** Assessment tool/survey instrument observations (e.g. Apgar Scores, Montreal Cognitive Assessment (MoCA)) |
|  | **Exam:** Observations generated by physical exam findings including direct observations made by a clinician and use of simple instruments and the result of simple maneuvers performed directly on the patient's body. |
|  | **Therapy:** Observations generated by non-interventional treatment protocols (e.g. occupational, physical, radiation, nutritional and medication therapy) |

## ValueSet: Observation Category Codes

|  |  |
| --- | --- |
| Name | Observation Category Codes (Observation Category Codes) |
| Description | Observation Category codes. |

## ValueSet: Observation Interpretation Codes

|  |  |
| --- | --- |
| Name | Observation Interpretation Codes (Observation Interpretation Codes) |
| Description | This value set defines the set of codes that can be used to indicate the meaning/use of a reference range. |

## ValueSet: Observation Methods

|  |  |
| --- | --- |
| Name | Observation Methods (Observation Methods) |
| Description | Observation Method codes from [SNOMED CT](http://snomed.info/sct) where concept is-a 272394005 (Technique (qualifier value)) or is-a 129264002 (Action (qualifier value)) or is-a 386053000 (Evaluation procedure(procedure)) |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: Observation Reference Range Applies To Codes

|  |  |
| --- | --- |
| Name | Observation Reference Range Applies To Codes (Observation Reference Range Applies To Codes) |
| Description | This value set defines a set of codes that can be used to indicate the a particular target population the reference range applies to. |
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## ValueSet: Observation Reference Range Meaning Codes

|  |  |
| --- | --- |
| Name | Observation Reference Range Meaning Codes (Observation Reference Range Meaning Codes) |
| Description | This value set defines a set of codes that can be used to indicate the meaning/use of a reference range for a particular target population. |
| Property Description | True if an element is considered 'abstract' - that is the code is not for use as a real concept |
| Content | **Type:** General types of reference range. |
|  | **Normal Range:** Based on 95th percentile for the relevant control population. |
|  | **Recommended Range:** The range that is recommended by a relevant professional body. |
|  | **Treatment Range:** The range at which treatment would/should be considered. |
|  | **Therapeutic Desired Level:** The optimal range for best therapeutic outcomes. |
|  | **Pre Therapeutic Desired Level:** The optimal range for best therapeutic outcomes for a specimen taken immediately before administration. |
|  | **Post Therapeutic Desired Level:** The optimal range for best therapeutic outcomes for a specimen taken immediately after administration. |
|  | **Endocrine:** Endocrine related states that change the expected value. |
|  | **Pre-Puberty:** An expected range in an individual prior to puberty. |
|  | **Follicular Stage:** An expected range in an individual during the follicular stage of the cycle. |
|  | **MidCycle:** An expected range in an individual during the follicular stage of the cycle. |
|  | **Luteal:** An expected range in an individual during the luteal stage of the cycle. |
|  | **Post-Menopause:** An expected range in an individual post-menopause. |

## ValueSet: Observation Reference Range Meaning Codes

|  |  |
| --- | --- |
| Name | Observation Reference Range Meaning Codes (Observation Reference Range Meaning Codes) |
| Description | This value set defines a set of codes that can be used to indicate the meaning/use of a reference range for a particular target population. |

## ValueSet: OrganizationType

|  |  |
| --- | --- |
| Name | OrganizationType (Organization Type) |
| Description | This example value set defines a set of codes that can be used to indicate a type of organization. |
| Content | **Healthcare Provider:** An organization that provides healthcare services. |
|  | **Hospital Department:** A department or ward within a hospital (Generally is not applicable to top level organizations) |
|  | **Organizational team:** An organizational team is usually a grouping of practitioners that perform a specific function within an organization (which could be a top level organization, or a department). |
|  | **Government:** A political body, often used when including organization records for government bodies such as a Federal Government, State or Local Government. |
|  | **Insurance Company:** A company that provides insurance to its subscribers that may include healthcare related policies. |
|  | **Educational Institute:** An educational institution that provides education or research facilities. |
|  | **Religious Institution:** An organization that is identified as a part of a religious institution. |
|  | **Clinical Research Sponsor:** An organization that is identified as a Pharmaceutical/Clinical Research Sponsor. |
|  | **Community Group:** An un-incorporated community group. |
|  | **Non-Healthcare Business or Corporation:** An organization that is a registered business or corporation but not identified by other types. |
|  | **Other:** Other type of organization not already specified. |

## ValueSet: OrganizationType

|  |  |
| --- | --- |
| Name | OrganizationType (Organization Type) |
| Description | This example value set defines a set of codes that can be used to indicate a type of organization. |

## ValueSet: Parent Relationship Codes

|  |  |
| --- | --- |
| Name | Parent Relationship Codes (Parent Relationship Codes) |
| Description | The value set includes the v3 RoleCode PRN (parent), TWIN (twin) and all of their specializations. It covers the relationships needed to establish genetic pedigree relationships between family members. |

## ValueSet: ParticipantType

|  |  |
| --- | --- |
| Name | ParticipantType (Participant Type) |
| Description | This value set defines a set of codes that can be used to indicate how an individual participates in an encounter. |
| Content | **Translator:** A translator who is facilitating communication with the patient during the encounter. |
|  | **Emergency:** A person to be contacted in case of an emergency during the encounter. |

## ValueSet: ParticipantType

|  |  |
| --- | --- |
| Name | ParticipantType (Participant Type) |
| Description | This value set defines a set of codes that can be used to indicate how an individual participates in an encounter. |

## ValueSet: PatientRelationshipType

|  |  |
| --- | --- |
| Name | PatientRelationshipType (Patient Relationship Type) |
| Description | A set of codes that can be used to indicate the relationship between a Patient and a Related Person. |

## ValueSet: PractitionerRole

|  |  |
| --- | --- |
| Name | PractitionerRole (Practitioner Role) |
| Description | This example value set defines a set of codes that can be used to indicate the role of a Practitioner. |
| Content | **Doctor:** A qualified/registered medical practitioner |
|  | **Nurse:** A practitoner with nursing experience that may be qualified/registered |
|  | **Pharmacist:** A qualified/registered/licensed pharmacist |
|  | **Researcher:** A practitioner that may perform research |
|  | **Teacher/educator:** Someone who is able to provide educational services |
|  | **ICT professional:** Someone who is qualified in Information and Communication Technologies |

## ValueSet: PractitionerRole

|  |  |
| --- | --- |
| Name | PractitionerRole (Practitioner Role) |
| Description | This example value set defines a set of codes that can be used to indicate the role of a Practitioner. |

## ValueSet: PractitionerSpecialty

|  |  |
| --- | --- |
| Name | PractitionerSpecialty (Practitioner Specialty) |
| Description | This example value set defines a set of codes that can be used to indicate the specialty of a Practitioner. |
| Content | **Cardiologist:** |
|  | **Dentist:** |
|  | **Dietary consultant:** |
|  | **Midwife:** |
|  | **Systems architect:** |

## ValueSet: PractitionerSpecialty

|  |  |
| --- | --- |
| Name | PractitionerSpecialty (Practitioner Specialty) |
| Description | This example value set defines a set of codes that can be used to indicate the specialty of a Practitioner. |

## ValueSet: Procedure Category Codes (SNOMED CT)

|  |  |
| --- | --- |
| Name | Procedure Category Codes (SNOMED CT) (Procedure Category Codes ( S N O M E D C T)) |
| Description | Procedure Category code: A selection of relevant SNOMED CT codes. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: Procedure Codes (SNOMED CT)

|  |  |
| --- | --- |
| Name | Procedure Codes (SNOMED CT) (Procedure Codes ( S N O M E D C T)) |
| Description | Procedure Code: All SNOMED CT procedure codes. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: Procedure Follow up Codes (SNOMED CT)

|  |  |
| --- | --- |
| Name | Procedure Follow up Codes (SNOMED CT) (Procedure Follow up Codes ( S N O M E D C T)) |
| Description | Procedure follow up codes: a selection of SNOMED CT codes relevant to procedure follow up. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: Procedure Outcome Codes (SNOMED CT)

|  |  |
| --- | --- |
| Name | Procedure Outcome Codes (SNOMED CT) (Procedure Outcome Codes ( S N O M E D C T)) |
| Description | Procedure Outcome code: A selection of relevant SNOMED CT codes. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: Procedure Performer Role Codes

|  |  |
| --- | --- |
| Name | Procedure Performer Role Codes (Procedure Performer Role Codes) |
| Description | This examples value set defines the set of codes that can be used to indicate a role of procedure performer. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: Procedure Progress Status Codes

|  |  |
| --- | --- |
| Name | Procedure Progress Status Codes (Procedure Progress Status Codes) |
| Description | This value set is provided as an exemplar. The value set to instantiate this attribute should be drawn from a terminologically robust code system that consists of or contains concepts to support the procedure performance process. |
| Content | **In Operating Room:** A patient is in the Operating Room. |
|  | **Prepared:** The patient is prepared for a procedure. |
|  | **Anesthesia Induced:** The patient is under anesthesia. |
|  | **Open Incision:** The patient has open incision(s). |
|  | **Closed Incision:** The patient has incision(s) closed. |
|  | **In Recovery Room:** The patient is in the recovery room. |

## ValueSet: Procedure Progress Status Codes

|  |  |
| --- | --- |
| Name | Procedure Progress Status Codes (Procedure Progress Status Codes) |
| Description | This value set is provided as an exemplar. The value set to instantiate this attribute should be drawn from a terminologically robust code system that consists of or contains concepts to support the procedure performance process. |

## ValueSet: Procedure Reason Codes

|  |  |
| --- | --- |
| Name | Procedure Reason Codes (Procedure Reason Codes) |
| Description | This examples value set defines the set of codes that can be used to indicate a reasons for a procedure. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: Reason Medication Given Codes

|  |  |
| --- | --- |
| Name | Reason Medication Given Codes (Reason Medication Given Codes) |
| Description | This value set is provided as an exemplar. The value set to instantiate this attribute should be drawn from a terminologically robust code system that consists of or contains concepts to support the medication process. |
| Content | **None:** No reason known. |
|  | **Given as Ordered:** The administration was following an ordered protocol. |
|  | **Emergency:** The administration was needed to treat an emergency. |

## ValueSet: Reason Medication Given Codes

|  |  |
| --- | --- |
| Name | Reason Medication Given Codes (Reason Medication Given Codes) |
| Description | This value set is provided as an exemplar. The value set to instantiate this attribute should be drawn from a terminologically robust code system that consists of or contains concepts to support the medication process. |

## ValueSet: Risk Probability

|  |  |
| --- | --- |
| Name | Risk Probability (Risk Probability) |
| Description | Codes representing the likelihood of a particular outcome in a risk assessment. |
| Content | **Negligible likelihood:** The specified outcome is exceptionally unlikely. |
|  | **Low likelihood:** The specified outcome is possible but unlikely. |
|  | **Moderate likelihood:** The specified outcome has a reasonable likelihood of occurrence. |
|  | **High likelihood:** The specified outcome is more likely to occur than not. |
|  | **Certain:** The specified outcome is effectively guaranteed. |

## ValueSet: Risk Probability

|  |  |
| --- | --- |
| Name | Risk Probability (Risk Probability) |
| Description | Codes representing the likelihood of a particular outcome in a risk assessment. |

## ValueSet: SNOMED CT Additional Dosage Instructions

|  |  |
| --- | --- |
| Name | SNOMED CT Additional Dosage Instructions (S N O M E D C T Additional Dosage Instructions) |
| Description | This value set includes all SNOMED CT Additional Dosage Instructions. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: SNOMED CT Additional Dosage Instructions

|  |  |
| --- | --- |
| Name | SNOMED CT Additional Dosage Instructions (S N O M E D C T Additional Dosage Instructions) |
| Description | This value set includes all SNOMED CT Additional Dosage Instructions. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: SNOMED CT Administration Method Codes

|  |  |
| --- | --- |
| Name | SNOMED CT Administration Method Codes (S N O M E D C T Administration Method Codes) |
| Description | This value set includes some method codes from SNOMED CT - provided as an exemplar |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement |

## ValueSet: SNOMED CT Anatomical Structure for Administration Site Codes

|  |  |
| --- | --- |
| Name | SNOMED CT Anatomical Structure for Administration Site Codes (S N O M E D C T Anatomical Structure for Administration Site Codes) |
| Description | This value set includes Anatomical Structure codes from SNOMED CT - provided as an exemplar. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: SNOMED CT Body Structures

|  |  |
| --- | --- |
| Name | SNOMED CT Body Structures (S N O M E D C T Body Structures) |
| Description | This value set includes all codes from [SNOMED CT](http://snomed.info/sct) where concept is-a 442083009 (Anatomical or acquired body site (body structure)). |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: SNOMED CT Clinical Findings

|  |  |
| --- | --- |
| Name | SNOMED CT Clinical Findings (S N O M E D C T Clinical Findings) |
| Description | This value set includes all SNOMED CT Clinical Findings. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: SNOMED CT Clinical Findings

|  |  |
| --- | --- |
| Name | SNOMED CT Clinical Findings (S N O M E D C T Clinical Findings) |
| Description | This value set includes all the "Clinical finding" [SNOMED CT](http://snomed.info/sct) codes - concepts where concept is-a 404684003 (Clinical finding (finding)). |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: SNOMED CT Drugs not taken/completed Codes

|  |  |
| --- | --- |
| Name | SNOMED CT Drugs not taken/completed Codes (S N O M E D C T Drugs not taken/completed Codes) |
| Description | This value set includes some not taken reason codes from SNOMED CT - provided as an exemplar |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement |

## ValueSet: SNOMED CT Form Codes

|  |  |
| --- | --- |
| Name | SNOMED CT Form Codes (S N O M E D C T Form Codes) |
| Description | This value set includes all dose form codes from SNOMED CT - provided as an exemplar. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: SNOMED CT Medication As Needed Reason Codes

|  |  |
| --- | --- |
| Name | SNOMED CT Medication As Needed Reason Codes (S N O M E D C T Medication As Needed Reason Codes) |
| Description | This value set includes all clinical findings from SNOMED CT - provided as an exemplar value set. |
| Copyright | This value set includes content from SNOMED CT, which is copyright 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: SNOMED CT Medication Codes

|  |  |
| --- | --- |
| Name | SNOMED CT Medication Codes (S N O M E D C T Medication Codes) |
| Description | This value set includes all drug or medicament substance codes and all pharmaceutical/biologic products from SNOMED CT - provided as an exemplar value set. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: SNOMED CT Patient Referral

|  |  |
| --- | --- |
| Name | SNOMED CT Patient Referral (S N O M E D C T Patient Referral) |
| Description | This value set includes all SNOMED CT Patient Referral. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: SNOMED CT Reason Medication Not Given Codes

|  |  |
| --- | --- |
| Name | SNOMED CT Reason Medication Not Given Codes (S N O M E D C T Reason Medication Not Given Codes) |
| Description | This value set includes all medication refused, medication not administered, and non administration of necessary drug or medicine codes from SNOMED CT - provided as an exemplar value set. |
| Copyright | This value set includes content from SNOMED CT, which is copyright 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |
| Content | **None:** No reason known. |
|  | **Away:** The patient was not available when the dose was scheduled. |
|  | **Asleep:** The patient was asleep when the dose was scheduled. |
|  | **Vomit:** The patient was given the medication and immediately vomited it back. |

## ValueSet: SNOMED CT Reason Medication Not Given Codes

|  |  |
| --- | --- |
| Name | SNOMED CT Reason Medication Not Given Codes (S N O M E D C T Reason Medication Not Given Codes) |
| Description | This value set includes all medication refused, medication not administered, and non administration of necessary drug or medicine codes from SNOMED CT - provided as an exemplar value set. |
| Copyright | This value set includes content from SNOMED CT, which is copyright 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: SNOMED CT Route Codes

|  |  |
| --- | --- |
| Name | SNOMED CT Route Codes (S N O M E D C T Route Codes) |
| Description | This value set includes all Route codes from SNOMED CT - provided as an exemplar. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: SNOMED CT Supply Item

|  |  |
| --- | --- |
| Name | SNOMED CT Supply Item (S N O M E D C T Supply Item) |
| Description | This value set includes [SNOMED CT](http://snomed.info/sct) where concept is-a 105590001 (Substance (substance)) or concept is-a 260787004 (Physical object) and provided as an example value set. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: ServiceCategory

|  |  |
| --- | --- |
| Name | ServiceCategory (Service Category) |
| Description | This value set defines an example set of codes that can be used to classify groupings of service-types/specialties. |
| Content | **Adoption:** Adoption |
|  | **Aged Care:** Aged Care |
|  | **Allied Health:** Allied Health |
|  | **Alternative/Complementary Therapies:** Alternative & Complementary Therapies |
|  | **Child Care /Kindergarten:** Child Care and/or Kindergarten |
|  | **Child Development:** Child Development |
|  | **Child Protection & Family Services:** Child Protection & Family Services |
|  | **Community Health Care:** Community Health Care |
|  | **Counselling:** Counselling |
|  | **Crisis Line (GPAH use only):** Crisis Line (GPAH use only) |
|  | **Death Services:** Death Services |
|  | **Dental:** Dental |
|  | **Disability Support:** Disability Support |
|  | **Drug/Alcohol:** Drug/Alcohol |
|  | **Education & Learning:** Education & Learning |
|  | **Emergency Department:** Emergency Department |
|  | **Employment:** Employment |
|  | **Financial & Material Aid:** Financial & Material aid |
|  | **General Practice:** General Practice/GP (doctor) |
|  | **Hospital:** Hospital |
|  | **Housing/Homelessness:** Housing/Homelessness |
|  | **Interpreting:** Interpreting |
|  | **Justice:** Justice |
|  | **Legal:** Legal |
|  | **Mental Health:** Mental Health |
|  | **NDIA:** NDIA |
|  | **Physical Activity & Recreation:** Physical Activity & Recreation |
|  | **Regulation:** Regulation |
|  | **Respite/Carer Support:** Respite/Carer Support |
|  | **Specialist Clinical Pathology:** Specialist Clinical Pathology - requires referral |
|  | **Specialist Medical:** Specialist Medical - requires referral |
|  | **Specialist Obstetrics & Gynaecology:** Specialist Obstetrics & Gynaecology - requires referral |
|  | **Specialist Paediatric:** Specialist Paediatric - requires referral |
|  | **Specialist Radiology/Imaging:** Specialist Radiology/Imaging - requires referral |
|  | **Specialist Surgical:** Specialist Surgical - requires referral |
|  | **Support Group/s:** Support group/s |
|  | **Test Message (HSD admin):** Test Message (HSD admin use only) |
|  | **Transport:** Transport |

## ValueSet: ServiceCategory

|  |  |
| --- | --- |
| Name | ServiceCategory (Service Category) |
| Description | This value set defines an example set of codes that can be used to classify groupings of service-types/specialties. |

## ValueSet: ServiceType

|  |  |
| --- | --- |
| Name | ServiceType (Service Type) |
| Description | This value set defines an example set of codes of service-types. |
| Content | **Adoption/Permanent Care Info/Support:** Adoption & permanent care information/support |
|  | **Aged Care Assessment:** Aged care assessment |
|  | **Aged Care Information/Referral:** Aged Care information/referral |
|  | **Aged Residential Care:** Aged Residential Care |
|  | **Case Management for Older Persons:** Case management for older persons |
|  | **Delivered Meals (Meals On Wheels):** Delivered meals (meals on wheels) |
|  | **Friendly Visiting:** Friendly visiting |
|  | **Home Care/Housekeeping Assistance:** Home care/housekeeping assistance |
|  | **Home Maintenance and Repair:** Home maintenance and repair |
|  | **Personal Alarms/Alerts:** Personal alarms/alerts |
|  | **Personal Care for Older Persons:** Personal care for older persons |
|  | **Planned Activity Groups:** Planned activity groups |
|  | **Acupuncture:** Acupuncture |
|  | **Alexander Technique Therapy:** Alexander technique therapy |
|  | **Aromatherapy:** Aromatherapy |
|  | **Biorhythm Services:** Biorhythm services |
|  | **Bowen Therapy:** Bowen therapy |
|  | **Chinese Herbal Medicine:** Chinese herbal medicine |
|  | **Feldenkrais:** Feldenkrais |
|  | **Homoeopathy:** Homoeopathy |
|  | **Hydrotherapy:** Hydrotherapy |
|  | **Hypnotherapy:** Hypnotherapy |
|  | **Kinesiology:** Kinesiology |
|  | **Magnetic Therapy:** Magnetic therapy |
|  | **Massage Therapy:** Massage therapy |
|  | **Meditation:** Meditation |
|  | **Myotherapy:** Myotherapy |
|  | **Naturopathy:** Naturopathy |
|  | **Reflexology:** Reflexology |
|  | **Reiki:** Reiki |
|  | **Relaxation Therapy:** Relaxation therapy |
|  | **Shiatsu:** Shiatsu |
|  | **Western Herbal Medicine:** Western herbal medicine |
|  | **Family Day care:** Family day care |
|  | **Holiday Programs:** Holiday programs |
|  | **Kindergarten Inclusion Support :** Kindergarten inclusion support for children with a disability |
|  | **Kindergarten/Preschool:** Kindergarten/preschool |
|  | **Long Day Child Care:** Long day child care |
|  | **Occasional Child Care:** Occasional child care |
|  | **Outside School Hours Care:** Outside school hours care |
|  | **Children's Play Programs:** Children's play programs |
|  | **Parenting/Family Support/Education:** Parenting & family management support/education |
|  | **Playgroup:** Playgroup |
|  | **School Nursing:** School nursing |
|  | **Toy Library:** Toy library |
|  | **Child Protection/Child Abuse Report:** Child protection/child abuse report |
|  | **Foster Care:** Foster care |
|  | **Residential/Out-of-Home Care:** Residential/ out of home care |
|  | **Support - Young People Leaving Care:** Support for young people leaving care |
|  | **Audiology:** Audiology |
|  | **Blood Donation:** Blood donation |
|  | **Chiropractic:** Chiropractic |
|  | **Dietetics:** Dietetics |
|  | **Family Planning:** Family planning |
|  | **Health Advocacy/Liaison Service:** Health advocacy/Liaison service |
|  | **Health Information/Referral:** Health information/referral |
|  | **Immunization:** Immunization |
|  | **Maternal & Child Health:** Maternal & child health |
|  | **Nursing:** Nursing |
|  | **Nutrition:** Nutrition |
|  | **Occupational Therapy:** Occupational therapy |
|  | **Optometry:** Optometry |
|  | **Osteopathy:** Osteopathy |
|  | **Pharmacy:** Pharmacy |
|  | **Physiotherapy:** Physiotherapy |
|  | **Podiatry:** Podiatry |
|  | **Sexual Health:** Sexual health |
|  | **Speech Pathology/Therapy:** Speech pathology/therapy |
|  | **Bereavement Counselling:** Bereavement counselling |
|  | **Crisis Counselling:** Crisis counselling |
|  | **Family Counselling/Therapy:** Family counselling and/or family therapy |
|  | **Family Violence Counselling:** Family violence counselling |
|  | **Financial Counselling:** Financial counselling |
|  | **Generalist Counselling:** Generalist counselling |
|  | **Genetic Counselling:** Genetic counselling |
|  | **Health Counselling:** Health counselling |
|  | **Mediation:** Mediation |
|  | **Problem Gambling Counselling:** Problem gambling counselling |
|  | **Relationship Counselling:** Relationship counselling |
|  | **Sexual Assault Counselling:** Sexual assault counselling |
|  | **Trauma Counselling:** Trauma counselling |
|  | **Victims of Crime Counselling:** Victims of crime counselling |
|  | **Cemetery Operation:** Cemetery operation |
|  | **Cremation:** Cremation |
|  | **Death Service Information:** Death service information |
|  | **Funeral Services:** Funeral services |
|  | **Endodontic:** Endodontic |
|  | **General Dental:** General dental |
|  | **Oral Medicine:** Oral medicine |
|  | **Oral Surgery:** Oral surgery |
|  | **Orthodontic:** Orthodontic |
|  | **Paediatric Dentistry:** Paediatric Dentistry |
|  | **Periodontic:** Periodontic |
|  | **Prosthodontic:** Prosthodontic |
|  | **Acquired Brain Injury Info/Referral:** Acquired brain injury information/referral |
|  | **Disability Advocacy:** Disability advocacy |
|  | **Disability Aids & Equipment:** Disability aids & equipment |
|  | **Disability Case Management:** Disability case management |
|  | **Disability Day Programs/Activities:** Disability day programs & activities |
|  | **Disability Information/Referral:** Disability information/referral |
|  | **Disability Support Packages:** Disability support packages |
|  | **Disability Supported Accommodation:** Disability supported accommodation |
|  | **Early Childhood Intervention:** Early childhood intervention |
|  | **Hearing Aids & Equipment:** Hearing aids & equipment |
|  | **Drug and/or Alcohol Counselling:** Drug and/or alcohol counselling |
|  | **Drug/Alcohol Information/Referral:** Drug and/or alcohol information/referral |
|  | **Needle & Syringe Exchange:** Needle & Syringe exchange |
|  | **Non-resid. Alcohol/Drug Treatment :** Non-residential alcohol and/or drug dependence treatment |
|  | **Pharmacotherapy:** Pharmacotherapy (eg. methadone) program |
|  | **Quit Program:** Quit program |
|  | **Residential Alcohol/Drug Treatment :** Residential alcohol and/or drug dependence treatment |
|  | **Adult/Community Education:** Adult/community education |
|  | **Higher Education:** Higher education |
|  | **Primary Education:** Primary education |
|  | **Secondary Education:** Secondary education |
|  | **Training & Vocational Education:** Training & vocational education |
|  | **Emergency Medical:** Emergency medical |
|  | **Employment Placement and/or Support:** Employment placement and/or support |
|  | **Vocational Rehabilitation:** Vocational Rehabilitation |
|  | **Work Safety/Accident Prevention:** Workplace safety and/or accident prevention |
|  | **Financial Assistance:** Financial assistance |
|  | **Financial Information/Advice:** Financial information/advice |
|  | **Material Aid:** Material aid |
|  | **General Practice:** General Practice/GP (doctor) |
|  | **Accommodation Placement/Support:** Accommodation placement and/or support |
|  | **Crisis/Emergency Accommodation:** Crisis/emergency accommodation |
|  | **Homelessness Support:** Homelessness support |
|  | **Housing Information/Referral:** Housing information/referral |
|  | **Public Rental Housing:** Public rental housing |
|  | **Interpreting/Multilingual Service:** Interpreting/Multilingual/Language service |
|  | **Juvenile Justice:** Juvenile Justice |
|  | **Legal Advocacy:** Legal advocacy |
|  | **Legal Information/Advice/Referral:** Legal information/advice/referral |
|  | **Mental Health Advocacy:** Mental health advocacy |
|  | **Mental Health Assess/Triage/Crisis Response:** Mental health assessment/triage/crisis response |
|  | **Mental Health Case Management:** Mental health case management/continuing care |
|  | **Mental Health Information/Referral:** Mental health information/referral |
|  | **Mental Health Inpatient Services:** Mental health inpatient services (hospital psychiatric unit) - requires referral |
|  | **Mental Health Non-residential Rehab:** Mental health non-residential rehabilitation |
|  | **Mental Health Residential Rehab/CCU:** Mental health residential rehabilitation/community care unit |
|  | **Psychiatry (Requires Referral):** Psychiatry (requires referral) |
|  | **Psychology:** Psychology |
|  | **Martial Arts:** Martial arts |
|  | **Personal Fitness Training:** Personal fitness training |
|  | **Physical Activity Group:** Physical activity group |
|  | **Physical Activity Programs:** Physical activity programs |
|  | **Physical Fitness Testing:** Physical fitness testing |
|  | **Pilates:** Pilates |
|  | **Self-Defence:** Self defence |
|  | **Sporting Club:** Sporting club |
|  | **Yoga:** Yoga |
|  | **Food Safety:** Food safety |
|  | **Health Regulatory /Inspection /Cert.:** Health regulatory, inspection and/or certification |
|  | **Work Health/Safety Inspection/Cert.:** Workplace health and/or safety inspection and/or certification |
|  | **Carer Support:** Carer support |
|  | **Respite Care:** Respite care |
|  | **Anatomical Pathology :** Anatomical Pathology (including Cytopathology & Forensic Pathology) |
|  | **Pathology - Clinical Chemistry:** Pathology - Clinical Chemistry |
|  | **Pathology - General:** Pathology - General |
|  | **Pathology - Genetics:** Pathology - Genetics |
|  | **Pathology - Haematology:** Pathology - Haematology |
|  | **Pathology - Immunology:** Pathology - Immunology |
|  | **Pathology - Microbiology:** Pathology - Microbiology |
|  | **Anaesthesiology - Pain Medicine:** Anaesthesiology - Pain Medicine |
|  | **Cardiology:** Cardiology |
|  | **Clinical Genetics:** Clinical Genetics |
|  | **Clinical Pharmacology:** Clinical Pharmacology |
|  | **Dermatology:** Dermatology |
|  | **Endocrinology:** Endocrinology |
|  | **Gastroenterology & Hepatology:** Gastroenterology & Hepatology |
|  | **Geriatric Medicine:** Geriatric medicine |
|  | **Immunology & Allergy:** Immunology & Allergy |
|  | **Infectious Diseases:** Infectious diseases |
|  | **Intensive Care Medicine:** Intensive care medicine |
|  | **Medical Oncology:** Medical Oncology |
|  | **Nephrology:** Nephrology |
|  | **Neurology:** Neurology |
|  | **Occupational Medicine:** Occupational Medicine |
|  | **Palliative Medicine:** Palliative Medicine |
|  | **Public Health Medicine:** Public Health Medicine |
|  | **Rehabilitation Medicine:** Rehabilitation Medicine |
|  | **Rheumatology:** Rheumatology |
|  | **Sleep Medicine:** Sleep Medicine |
|  | **Thoracic Medicine:** Thoracic medicine |
|  | **Gynaecological Oncology:** Gynaecological Oncology |
|  | **Obstetrics & Gynaecology:** Obstetrics & Gynaecology |
|  | **Reproductive Endocrinology/Infertility:** Reproductive Endocrinology & Infertility |
|  | **Urogynaecology:** Urogynaecology |
|  | **Neonatology & Perinatology:** Neonatology & Perinatology |
|  | **Paediatric Cardiology:** Paediatric Cardiology |
|  | **Paediatric Clinical Genetics:** Paediatric Clinical Genetics |
|  | **Paediatric Clinical Pharmacology:** Paediatric Clinical Pharmacology |
|  | **Paediatric Endocrinology:** Paediatric Endocrinology |
|  | **Paed. Gastroenterology/Hepatology:** Paediatric Gastroenterology & Hepatology |
|  | **Paediatric Haematology:** Paediatric Haematology |
|  | **Paediatric Immunology & Allergy:** Paediatric Immunology & Allergy |
|  | **Paediatric Infectious Diseases:** Paediatric Infectious diseases |
|  | **Paediatric Intensive Care Medicine:** Paediatric intensive care medicine |
|  | **Paediatric Medical Oncology:** Paediatric Medical Oncology |
|  | **Paediatric Medicine:** Paediatric Medicine |
|  | **Paediatric Nephrology:** Paediatric Nephrology |
|  | **Paediatric Neurology:** Paediatric Neurology |
|  | **Paediatric Nuclear Medicine:** Paediatric Nuclear Medicine |
|  | **Paediatric Rehabilitation Medicine:** Paediatric Rehabilitation Medicine |
|  | **Paediatric Rheumatology:** Paediatric Rheumatology |
|  | **Paediatric Sleep Medicine:** Paediatric Sleep Medicine |
|  | **Paediatric Surgery:** Paediatric Surgery |
|  | **Paediatric Thoracic Medicine:** Paediatric Thoracic Medicine |
|  | **Diag. Radiology /Xray /CT /Fluoroscopy:** Diagnostic Radiology/Xray/CT/Fluoroscopy |
|  | **Diagnostic Ultrasound:** Diagnostic Ultrasound |
|  | **Magnetic Resonance Imaging (MRI):** Magnetic Resonance Imaging (MRI) |
|  | **Nuclear Medicine:** Nuclear Medicine |
|  | **Obstetric/Gynaecological Ultrasound:** Obstetric & Gynaecological Ultrasound |
|  | **Radiation Oncology:** Radiation oncology |
|  | **Cardiothoracic Surgery:** Cardiothoracic surgery |
|  | **Neurosurgery:** Neurosurgery |
|  | **Ophthalmology:** Ophthalmology |
|  | **Orthopaedic Surgery:** Orthopaedic surgery |
|  | **Otolaryngology/Head & Neck Surgery:** Otolaryngology - Head & Neck Surgery |
|  | **Plastic & Reconstructive Surgery:** Plastic & Reconstructive Surgery |
|  | **Surgery - General:** Surgery - General |
|  | **Urology:** Urology |
|  | **Vascular Surgery:** Vascular surgery |
|  | **Support Groups:** Support groups |
|  | **Air ambulance:** Air ambulance |
|  | **Ambulance:** Ambulance |
|  | **Blood Transport:** Blood transport |
|  | **Community Bus:** Community bus |
|  | **Flying Doctor Service:** Flying doctor service |
|  | **Patient Transport:** Patient transport |
|  | **A&E:** A&E |
|  | **A&EP:** A&EP |
|  | **Abuse:** Abuse |
|  | **ACAS:** ACAS |
|  | **Access:** Access |
|  | **Accident:** Accident |
|  | **Acute Inpatient Serv:** Acute Inpatient Service's |
|  | **Adult Day Programs:** Adult Day Programs |
|  | **Adult Mental Health Services:** Adult Mental Health Services |
|  | **Advice:** Advice |
|  | **Advocacy:** Advocacy |
|  | **Aged Persons Mental :** Aged Persons Mental Health Residential Units |
|  | **Aged Persons Mental :** Aged Persons Mental Health Services |
|  | **Aged Persons Mental :** Aged Persons Mental Health Teams |
|  | **Aids:** Aids |
|  | **Al-Anon:** Al-Anon |
|  | **Alcohol:** Alcohol |
|  | **Al-Teen:** Al-Teen |
|  | **Antenatal:** Antenatal |
|  | **Anxiety:** Anxiety |
|  | **Arthritis:** Arthritis |
|  | **Assessment:** Assessment |
|  | **Assistance:** Assistance |
|  | **Asthma:** Asthma |
|  | **ATSS:** ATSS |
|  | **Attendant Care:** Attendant Care |
|  | **Babies:** Babies |
|  | **Bathroom Modificatio:** Bathroom Modification |
|  | **Behaviour:** Behaviour |
|  | **Behaviour Interventi:** Behaviour Intervention |
|  | **Bereavement:** Bereavement |
|  | **Bipolar:** Bipolar |
|  | **Birth:** Birth |
|  | **Birth Control:** Birth Control |
|  | **Birthing Options:** Birthing Options |
|  | **BIST:** BIST |
|  | **Blood:** Blood |
|  | **Bone:** Bone |
|  | **Bowel:** Bowel |
|  | **Brain:** Brain |
|  | **Breast Feeding:** Breast Feeding |
|  | **Breast Screen:** Breast Screen |
|  | **Brokerage:** Brokerage |
|  | **Cancer:** Cancer |
|  | **Cancer Support:** Cancer Support |
|  | **Cardiovascular Disea:** Cardiovascular Disease |
|  | **Care Packages:** Care Packages |
|  | **Carer:** Carer |
|  | **Case Management:** Case Management |
|  | **Casualty:** Casualty |
|  | **Centrelink:** Centrelink |
|  | **Chemists:** Chemists |
|  | **Child And Adolescent:** Child And Adolescent Mental Health Services |
|  | **Child Care:** Child Care |
|  | **Child Services:** Child Services |
|  | **Children:** Children |
|  | **Children's Services:** Children's Services |
|  | **Cholesterol:** Cholesterol |
|  | **Clothing:** Clothing |
|  | **Community Based Acco:** Community Based Accommodation |
|  | **Community Care Unit:** Community Care Unit |
|  | **Community Child And :** Community Child And Adolescent Mental Health Services |
|  | **Community Health:** Community Health |
|  | **Community Residentia:** Community Residential Unit |
|  | **Community Transport:** Community Transport |
|  | **Companion Visiting:** Companion Visiting |
|  | **Companionship:** Companionship |
|  | **Consumer Advice:** Consumer Advice |
|  | **Consumer Issues:** Consumer Issues |
|  | **Continuing Care Serv:** Continuing Care Services |
|  | **Contraception Inform:** Contraception Information |
|  | **Coordinating Bodies:** Coordinating Bodies |
|  | **Correctional Service:** Correctional Services |
|  | **Council Environmenta:** Council Environmental Health |
|  | **Counselling:** Counselling |
|  | **Criminal:** Criminal |
|  | **Crises:** Crises |
|  | **Crisis Assessment An:** Crisis Assessment And Treatment Services (Cats) |
|  | **Crisis Assistance:** Crisis Assistance |
|  | **Crisis Refuge:** Crisis Refuge |
|  | **Day Program:** Day Program |
|  | **Deaf:** Deaf |
|  | **Dental Hygiene:** Dental Hygiene |
|  | **Dentistry:** Dentistry |
|  | **Dentures:** Dentures |
|  | **Depression:** Depression |
|  | **Detoxification:** Detoxification |
|  | **Diabetes:** Diabetes |
|  | **Diaphragm Fitting:** Diaphragm Fitting |
|  | **Dieticians:** Dieticians |
|  | **Disabled Parking:** Disabled Parking |
|  | **District Nursing:** District Nursing |
|  | **Divorce:** Divorce |
|  | **Doctors:** Doctors |
|  | **Drink-Drive:** Drink-Drive |
|  | **Dual Diagnosis Servi:** Dual Diagnosis Services |
|  | **Early Choice:** Early Choice |
|  | **Eating Disorder:** Eating Disorder |
|  | **Emergency Relief:** Emergency Relief |
|  | **Employment And Train:** Employment And Training |
|  | **Environment:** Environment |
|  | **Equipment:** Equipment |
|  | **Exercise:** Exercise |
|  | **Facility:** Facility |
|  | **Family Choice:** Family Choice |
|  | **Family Law:** Family Law |
|  | **Family Options:** Family Options |
|  | **Family Services:** Family Services |
|  | **FFYA:** FFYA |
|  | **Financial Aid:** Financial Aid |
|  | **Fitness:** Fitness |
|  | **Flexible Care Packag:** Flexible Care Packages |
|  | **Food:** Food |
|  | **Food Vouchers:** Food Vouchers |
|  | **Forensic Mental Heal:** Forensic Mental Health Services |
|  | **Futures:** Futures |
|  | **Futures For Young Ad:** Futures For Young Adults |
|  | **General Practitioner:** General Practitioners |
|  | **Grants:** Grants |
|  | **Grief:** Grief |
|  | **Grief Counselling:** Grief Counselling |
|  | **HACC:** HACC |
|  | **Heart Disease:** Heart Disease |
|  | **Help:** Help |
|  | **High Blood Pressure:** High Blood Pressure |
|  | **Home Help:** Home Help |
|  | **Home Nursing:** Home Nursing |
|  | **Homefirst:** Homefirst |
|  | **Hospice Care:** Hospice Care |
|  | **Hospital Services:** Hospital Services |
|  | **Hospital To Home:** Hospital To Home |
|  | **Hostel:** Hostel |
|  | **Hostel Accommodation:** Hostel Accommodation |
|  | **Household Items:** Household Items |
|  | **Hypertension:** Hypertension |
|  | **Illness:** Illness |
|  | **Independent Living:** Independent Living |
|  | **Information:** Information |
|  | **Injury:** Injury |
|  | **Intake:** Intake |
|  | **Intensive Mobile You:** Intensive Mobile Youth Outreach Services (Imyos) |
|  | **Intervention:** Intervention |
|  | **Job Searching:** Job Searching |
|  | **Justice:** Justice |
|  | **Leisure:** Leisure |
|  | **Loans:** Loans |
|  | **Low Income Earners:** Low Income Earners |
|  | **Lung:** Lung |
|  | **Making A Difference:** Making A Difference |
|  | **Medical Services:** Medical Services |
|  | **Medical Specialists:** Medical Specialists |
|  | **Medication Administr:** Medication Administration |
|  | **Menstrual Informatio:** Menstrual Information |
|  | **Methadone:** Methadone |
|  | **Mobile Support And T:** Mobile Support And Treatment Services (MSTS) |
|  | **Motor Neurone:** Motor Neurone |
|  | **Multiple Sclerosis:** Multiple Sclerosis |
|  | **Neighbourhood House:** Neighbourhood House |
|  | **Nursing Home:** Nursing Home |
|  | **Nursing Mothers:** Nursing Mothers |
|  | **Obesity:** Obesity |
|  | **Occupational Health :** Occupational Health & Safety |
|  | **Optometrist:** Optometrist |
|  | **Oral Hygiene:** Oral Hygiene |
|  | **Outpatients:** Outpatients |
|  | **Outreach Service:** Outreach Service |
|  | **PADP:** PADP |
|  | **Pain:** Pain |
|  | **Pap Smear:** Pap Smear |
|  | **Parenting:** Parenting |
|  | **Peak Organisations:** Peak Organisations |
|  | **Personal Care:** Personal Care |
|  | **Pharmacies:** Pharmacies |
|  | **Phobias:** Phobias |
|  | **Physical:** Physical |
|  | **Physical Activity:** Physical Activity |
|  | **Postnatal:** Postnatal |
|  | **Pregnancy:** Pregnancy |
|  | **Pregnancy Tests:** Pregnancy Tests |
|  | **Preschool:** Preschool |
|  | **Prescriptions:** Prescriptions |
|  | **Primary Mental Healt:** Primary Mental Health And Early Intervention Teams |
|  | **Property Maintenance:** Property Maintenance |
|  | **Prostate:** Prostate |
|  | **Psychiatric:** Psychiatric |
|  | **Psychiatric Disabili:** Psychiatric Disability Support Services - Home-Based Outreach |
|  | **Psychiatric Disabili:** Psychiatric Disability Support Services - Planned Respite |
|  | **Psychiatric Disabili:** Psychiatric Disability Support Services - Residential Rehabilitation |
|  | **Psychiatric Disabili:** Psychiatric Disability Support Services Home-Based Outreach |
|  | **Psychiatric Disabili:** Psychiatric Disability Support Services Mutual Support And Self Help |
|  | **Psychiatric Support:** Psychiatric Support |
|  | **Recreation:** Recreation |
|  | **Referral:** Referral |
|  | **Refuge:** Refuge |
|  | **Rent Assistance:** Rent Assistance |
|  | **Residential Faciliti:** Residential Facilities |
|  | **Residential Respite:** Residential Respite |
|  | **Respiratory:** Respiratory |
|  | **Response:** Response |
|  | **Rooming Houses:** Rooming Houses |
|  | **Safe Sex:** Safe Sex |
|  | **Secure Extended Care:** Secure Extended Care Inpatient Services |
|  | **Self Help:** Self Help |
|  | **Separation:** Separation |
|  | **Services:** Services |
|  | **Sex Education:** Sex Education |
|  | **Sexual Abuse:** Sexual Abuse |
|  | **Sexual Issues:** Sexual Issues |
|  | **Sexually Transmitted:** Sexually Transmitted Diseases |
|  | **SIDS:** SIDS |
|  | **Social Support:** Social Support |
|  | **Socialisation:** Socialisation |
|  | **Special Needs:** Special Needs |
|  | **Speech Therapist:** Speech Therapist |
|  | **Splinting:** Splinting |
|  | **Sport:** Sport |
|  | **Statewide And Specia:** Statewide And Specialist Services |
|  | **STD:** STD |
|  | **STI:** STI |
|  | **Stillbirth:** Stillbirth |
|  | **Stomal Care:** Stomal Care |
|  | **Stroke:** Stroke |
|  | **Substance Abuse:** Substance Abuse |
|  | **Support:** Support |
|  | **Syringes:** Syringes |
|  | **Teeth:** Teeth |
|  | **Tenancy Advice:** Tenancy Advice |
|  | **Terminal Illness:** Terminal Illness |
|  | **Therapy:** Therapy |
|  | **Transcription:** Transcription |
|  | **Translating Services:** Translating Services |
|  | **Translator:** Translator |
|  | **Transport:** Transport |
|  | **Vertebrae:** Vertebrae |
|  | **Violence:** Violence |
|  | **Vocational Guidance:** Vocational Guidance |
|  | **Weight:** Weight |
|  | **Welfare Assistance:** Welfare Assistance |
|  | **Welfare Counselling:** Welfare Counselling |
|  | **Wheelchairs:** Wheelchairs |
|  | **Wound Management:** Wound Management |
|  | **Young People At Risk:** Young People At Risk |
|  | **Further Desc. - Community Health Care:** Further Description - Community Health Care |
|  | **Library:** Library |
|  | **Community Hours:** Community Hours |
|  | **Further Desc. - Specialist Medical:** Further Description - Specialist Medical |
|  | **Hepatology:** Hepatology |
|  | **Gastroenterology :** Gastroenterology |
|  | **Gynaecology:** Gynaecology |
|  | **Obstetrics:** Obstetrics |
|  | **Further Desc. - Specialist Surgical:** Further Description - Specialist Surgical |
|  | **Placement Protection:** Placement Protection |
|  | **Family Violence:** Family Violence |
|  | **Integrated Family Services:** Integrated Family Services |
|  | **Diabetes Educator:** Diabetes Educator |
|  | **Kinship Care:** Kinship Care |
|  | **General Mental Health Services:** General Mental Health Services |
|  | **Exercise Physiology:** Exercise Physiology |
|  | **Medical Research:** Medical Research |
|  | **Youth:** Youth |
|  | **Youth Services:** Youth Services |
|  | **Youth Health:** Youth Health |
|  | **Child and Family Ser:** Child and Family Services |
|  | **Home Visits:** Home Visits |
|  | **Mobile Services:** Mobile Services |
|  | **Before and/or After :** Before and/or After School Care |
|  | **Cancer Services:** Cancer Services |
|  | **Integrated Cancer Se:** Integrated Cancer Services |
|  | **Multidisciplinary Se:** Multidisciplinary Services |
|  | **Multidisciplinary Ca:** Multidisciplinary Cancer Services |
|  | **Meetings:** Meetings |
|  | **Blood pressure monit:** Blood pressure monitoring |
|  | **Dose administration :** Dose administration aid |
|  | **Medical Equipment Hi:** Medical Equipment Hire |
|  | **Parenting/Family Support/Education:** Parenting & family support/education |
|  | **Deputising Service:** Deputising Service |
|  | **Cancer Support Groups:** Cancer Support Groups |
|  | **Community Cancer Services:** Community Cancer Services |
|  | **Disability Care Transport:** Disability Care Transport |
|  | **Aged Care Transport:** Aged Care Transport |
|  | **Diabetes Education s:** Diabetes Education service |
|  | **Cardiac Rehabilitati:** Cardiac Rehabilitation Service |
|  | **Young Adult Diabetes:** Young Adult Diabetes services (YADS) |
|  | **Pulmonary Rehabilita:** Pulmonary Rehabilitation Service |
|  | **Art therapy :** Art therapy |
|  | **Medication Reviews:** Medication Reviews |
|  | **Telephone Counselling:** Telephone Counselling |
|  | **Telephone Help Line:** Telephone Help Line |
|  | **Online Service:** Online Service |
|  | **Crisis - Mental Health:** Crisis - Mental Health |
|  | **Youth Crisis:** Youth Crisis |
|  | **Sexual Assault:** Sexual Assault |
|  | **GPAH Other:** GPAH Other |
|  | **Paediatric Dermatology:** Paediatric Dermatology |
|  | **Veterans Services:** Veterans Services |
|  | **Veterans:** Veterans |
|  | **Food Relief/Food/Meals:** Food Relief/food/meals |
|  | **Dementia Care:** Dementia Care |
|  | **Alzheimer:** Alzheimer |
|  | **Drug and/or Alcohol Support Groups:** Drug and/or alcohol support groups |
|  | **1-on-1 Support /Mentoring /Coaching:** One on One Support/Mentoring/Coaching |
|  | **Chronic Disease Management:** Chronic Disease Management |
|  | **Liaison Services:** Liaison Services |
|  | **Walk-in Centre /Non-Emergency:** Walk in Centre / non emergency |
|  | **Inpatients:** Inpatients |
|  | **Spiritual Counselling:** Spiritual Counselling |
|  | **Women's Health:** Women's Health |
|  | **Men's Health:** Men's Health |
|  | **Health Education/Awareness Program:** Health education/Health awareness program |
|  | **Test Message:** Test Message |
|  | **Remedial Massage:** Remedial Massage |
|  | **Adolescent Mental Health Services:** Adolescent Mental Health Services |
|  | **Youth Drop In/Assistance/Support:** Youth drop in/assistance/support |
|  | **Aboriginal Health Worker:** Aboriginal Health Worker |
|  | **Women's Health Clinic:** Women's Health Clinic |
|  | **Men's Health Clinic:** Men's Health Clinic |
|  | **Migrant Health Clinic:** Migrant Health Clinic |
|  | **Refugee Health Clinic:** Refugee Health Clinic |
|  | **Aboriginal Health Clinic:** Aboriginal Health Clinic |
|  | **Nurse Practitioner Lead Clinic/s:** Nurse Practitioner lead Clinic/s |
|  | **Nurse Lead Clinic/s:** Nurse lead Clinic/s |
|  | **Culturally Tailored Support Groups:** Culturally tailored support groups |
|  | **Culturally Tailored Health Promotion:** Culturally tailored health promotion |
|  | **Rehabilitation:** Rehabilitation |
|  | **Education Information/Referral:** Education information/referral |
|  | **Social Work:** Social Work |
|  | **Haematology:** Haematology |
|  | **Maternity Shared Car:** Maternity Shared Care |
|  | **Rehabilitation Servi:** Rehabilitation Service |
|  | **Cranio-sacral Therapy:** Cranio-Sacral Therapy |
|  | **Prosthetics & Orthotics:** Prosthetics & Orthotics |
|  | **Home Medicine Review:** Home Medicine Review |
|  | **GPAH - Medical:** GPAH - Medical |
|  | **Music Therapy:** Music Therapy |
|  | **Falls Prevention:** Falls Prevention |
|  | **Accommodation/Tenancy:** Accommodation/Tenancy |
|  | **Assess-Skill, Ability, Needs:** Assess-Skill, Ability, Needs |
|  | **Assist Access/Maintain Employ:** Assist Access/Maintain Employ |
|  | **Assist Prod-Pers Care/Safety:** Assist Prod-Pers Care/Safety |
|  | **Assist-Integrate School/Ed:** Assist-Integrate School/Ed |
|  | **Assist-Life Stage, Transition:** Assist-Life Stage, Transition |
|  | **Assist-Personal Activities:** Assist-Personal Activities |
|  | **Assist-Travel/Transport:** Assist-Travel/Transport |
|  | **Assistive Equip-General Tasks:** Assistive Equip-General Tasks |
|  | **Assistive Equip-Recreation:** Assistive Equip-Recreation |
|  | **Assistive Prod-Household Task:** Assistive Prod-Household Task |
|  | **Behaviour Support:** Behaviour Support |
|  | **Comms & Info Equipment:** Comms & Info Equipment |
|  | **Community Nursing Care:** Community Nursing Care |
|  | **Daily Tasks/Shared Living:** Daily Tasks/Shared Living |
|  | **Development-Life Skills:** Development-Life Skills |
|  | **Early Childhood Supports:** Early Childhood Supports |
|  | **Equipment Special Assess Setup:** Equipment Special Assess Setup |
|  | **Hearing Equipment:** Hearing Equipment |
|  | **Home Modification:** Home Modification |
|  | **Household Tasks:** Household Tasks |
|  | **Interpret/Translate:** Interpret/Translate |
|  | **Other Innovative Supports:** Other Innovative Supports |
|  | **Participate Community:** Participate Community |
|  | **Personal Mobility Equipment:** Personal Mobility Equipment |
|  | **Physical Wellbeing:** Physical Wellbeing |
|  | **Plan Management:** Plan Management |
|  | **Therapeutic Supports:** Therapeutic Supports |
|  | **Training-Travel Independence:** Training-Travel Independence |
|  | **Vehicle modifications:** Vehicle modifications |
|  | **Vision Equipment:** Vision Equipment |

## ValueSet: ServiceType

|  |  |
| --- | --- |
| Name | ServiceType (Service Type) |
| Description | This value set defines an example set of codes of service-types. |

## ValueSet: Sibling Relationship Codes

|  |  |
| --- | --- |
| Name | Sibling Relationship Codes (Sibling Relationship Codes) |
| Description | The value set includes the v3 RoleCode SIB (sibling) and all of its specializations. It covers the relationships needed to establish genetic pedigree relationships between family members. |

## ValueSet: SpecialArrangements

|  |  |
| --- | --- |
| Name | SpecialArrangements (Special Arrangements) |
| Description | This value set defines a set of codes that can be used to indicate the kinds of special arrangements in place for a patients visit. |
| Content | **Wheelchair:** |
|  | **Stretcher:** |
|  | **Interpreter:** |
|  | **Attendant:** |
|  | **Guide dog:** |

## ValueSet: SpecialArrangements

|  |  |
| --- | --- |
| Name | SpecialArrangements (Special Arrangements) |
| Description | This value set defines a set of codes that can be used to indicate the kinds of special arrangements in place for a patients visit. |

## ValueSet: SpecialCourtesy

|  |  |
| --- | --- |
| Name | SpecialCourtesy (Special Courtesy) |
| Description | This value set defines a set of codes that can be used to indicate special courtesies provided to the patient. |

## ValueSet: SpecimenCollectionPriority

|  |  |
| --- | --- |
| Name | SpecimenCollectionPriority (Specimen Collection Priority) |
| Description | This example value set defines a set of codes that can be used to indicate the priority of collection of a specimen. |
| Copyright | TBD |

## ValueSet: SpecimenContainer

|  |  |
| --- | --- |
| Name | SpecimenContainer (Specimen Container) |
| Description | Containers which may hold specimens or specimen containers. Include codes SNOMED CT(http://snomed.info/sct) where concept is-a 434711009 (Specimen container (physical object)) |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: SpecimenProcessingProcedure

|  |  |
| --- | --- |
| Name | SpecimenProcessingProcedure (Specimen Processing Procedure) |
| Description | The technique that is used to perform the process or preserve the specimen. |

## ValueSet: Structure Definition Codes

|  |  |
| --- | --- |
| Name | Structure Definition Codes (Structure Definition Codes) |
| Description | Codes for the meaning of the defined structure. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Ã‚Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. This content LOINCÃ‚Â© is copyright Ã‚Â© 1995 Regenstrief Institute, Inc. and the LOINC Committee, and available at no cost under the license at http://loinc.org/terms-of-use. |

## ValueSet: Substance Code

|  |  |
| --- | --- |
| Name | Substance Code (Substance Code) |
| Description | This value set contains concept codes for specific substances. It includes codes from [SNOMED](http://snomed.info/sct) where concept is-a 105590001 (Substance (substance)) adn where concept is-a 373873005 (Pharmaceutical / biologic product (product)) |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: Supply Item Type

|  |  |
| --- | --- |
| Name | Supply Item Type (Supply Item Type) |
| Description | This value sets refers to a specific supply item. |
| Content | **Medication:** Supply is a kind of medication. |
|  | **Device:** What is supplied (or requested) is a device. |

## ValueSet: Supply Item Type

|  |  |
| --- | --- |
| Name | Supply Item Type (Supply Item Type) |
| Description | This value sets refers to a specific supply item. |

## ValueSet: Supply Type

|  |  |
| --- | --- |
| Name | Supply Type (Supply Type) |
| Description | This value sets refers to a Category of supply. |
| Content | **Central Supply:** Supply is stored and requested from central supply. |
|  | **Non-Stock:** Supply is not onsite and must be requested from an outside vendor using a non-stock requisition. |

## ValueSet: Supply Type

|  |  |
| --- | --- |
| Name | Supply Type (Supply Type) |
| Description | This value sets refers to a Category of supply. |

## ValueSet: Teeth Codes

|  |  |
| --- | --- |
| Name | Teeth Codes (Teeth Codes) |
| Description | This value set includes the FDI Teeth codes. |
| Copyright | This is an example set. |
| Content | **11:** Upper Right Tooth 1 from the central axis, permanent dentition. |
|  | **12:** Upper Right Tooth 2 from the central axis, permanent dentition. |
|  | **13:** Upper Right Tooth 3 from the central axis, permanent dentition. |
|  | **14:** Upper Right Tooth 4 from the central axis, permanent dentition. |
|  | **15:** Upper Right Tooth 5 from the central axis, permanent dentition. |
|  | **16:** Upper Right Tooth 6 from the central axis, permanent dentition. |
|  | **17:** Upper Right Tooth 7 from the central axis, permanent dentition. |
|  | **18:** Upper Right Tooth 8 from the central axis, permanent dentition. |
|  | **21:** Upper Left Tooth 1 from the central axis, permanent dentition. |
|  | **22:** Upper Left Tooth 2 from the central axis, permanent dentition. |
|  | **23:** Upper Left Tooth 3 from the central axis, permanent dentition. |
|  | **24:** Upper Left Tooth 4 from the central axis, permanent dentition. |
|  | **25:** Upper Left Tooth 5 from the central axis, permanent dentition. |
|  | **26:** Upper Left Tooth 6 from the central axis, permanent dentition. |
|  | **27:** Upper Left Tooth 7 from the central axis, permanent dentition. |
|  | **28:** Upper Left Tooth 8 from the central axis, permanent dentition. |
|  | **31:** Lower Left Tooth 1 from the central axis, permanent dentition. |
|  | **32:** Lower Left Tooth 2 from the central axis, permanent dentition. |
|  | **33:** Lower Left Tooth 3 from the central axis, permanent dentition. |
|  | **34:** Lower Left Tooth 4 from the central axis, permanent dentition. |
|  | **35:** Lower Left Tooth 5 from the central axis, permanent dentition. |
|  | **36:** Lower Left Tooth 6 from the central axis, permanent dentition. |
|  | **37:** Lower Left Tooth 7 from the central axis, permanent dentition. |
|  | **38:** Lower Left Tooth 8 from the central axis, permanent dentition. |
|  | **41:** Lower Right Tooth 1 from the central axis, permanent dentition. |
|  | **42:** Lower Right Tooth 2 from the central axis, permanent dentition. |
|  | **43:** Lower Right Tooth 3 from the central axis, permanent dentition. |
|  | **44:** Lower Right Tooth 4 from the central axis, permanent dentition. |
|  | **45:** Lower Right Tooth 5 from the central axis, permanent dentition. |
|  | **46:** Lower Right Tooth 6 from the central axis, permanent dentition. |
|  | **47:** Lower Right Tooth 7 from the central axis, permanent dentition. |
|  | **48:** Lower Right Tooth 8 from the central axis, permanent dentition. |

## ValueSet: Teeth Codes

|  |  |
| --- | --- |
| Name | Teeth Codes (Teeth Codes) |
| Description | This value set includes the FDI Teeth codes. |
| Copyright | This is an example set. |

## ValueSet: TestScriptOperationCode

|  |  |
| --- | --- |
| Name | TestScriptOperationCode (Test Script Operation Code) |
| Description | This value set defines a set of codes that are used to indicate the supported operations of a testing engine or tool. |
| Content | **Read:** Read the current state of the resource. |
|  | **Version Read:** Read the state of a specific version of the resource. |
|  | **Update:** Update an existing resource by its id. |
|  | **Create using Update:** Update an existing resource by its id (or create it if it is new). |
|  | **Delete:** Delete a resource. |
|  | **Conditional Delete Single:** Conditionally delete a single resource based on search parameters. |
|  | **Conditional Delete Multiple:** Conditionally delete one or more resources based on search parameters. |
|  | **History:** Retrieve the change history for a particular resource or resource type. |
|  | **Create:** Create a new resource with a server assigned id. |
|  | **Search:** Search based on some filter criteria. |
|  | **Batch:** Update, create or delete a set of resources as independent actions. |
|  | **Transaction:** Update, create or delete a set of resources as a single transaction. |
|  | **Capabilities:** Get a capability statement for the system. |
|  | **$apply:** Realize a definition in a specific context |
|  | **$cancel:** Cancel Task |
|  | **$closure:** Closure Table Maintenance |
|  | **$compose:** Code Composition based on supplied properties |
|  | **$conforms:** Test if a server implements a client's required operations |
|  | **$data-requirements:** Aggregates and return the parameters and data requirements as a single module definition library |
|  | **$document:** Generate a Document |
|  | **$evaluate:** Evaluate DecisionSupportRule / DecisionSupportServiceModule |
|  | **$evaluate-measure:** Evaluate Measure |
|  | **$everything:** Fetch Encounter/Patient Record |
|  | **$expand:** Value Set Expansion |
|  | **$fail:** Fail Task |
|  | **$find:** Find a functional list |
|  | **$finish:** Finish Task |
|  | **$implements:** Test if a server implements a client's required operations |
|  | **$lookup:** Concept Look Up |
|  | **$match:** Find patient matches using MPI based logic |
|  | **$meta:** Access a list of profiles, tags, and security labels |
|  | **$meta-add:** Add profiles, tags, and security labels to a resource |
|  | **$meta-delete:** Delete profiles, tags, and security labels for a resource |
|  | **$populate:** Populate Questionnaire |
|  | **$populatehtml:** Generate HTML for Questionnaire |
|  | **$populatelink:** Generate a link to a Questionnaire completion webpage |
|  | **$process-message:** Process Message |
|  | **$questionnaire:** Build Questionnaire |
|  | **$release:** Release Task |
|  | **$reserve:** Reserve Task |
|  | **$resume:** Resume Task |
|  | **$set-input:** Set Task Input |
|  | **$set-output:** Set Task Output |
|  | **$start:** Start Task |
|  | **$stats:** Observation Statistics |
|  | **$stop:** Stop Task |
|  | **$subset:** Fetch a subset of the CapabilityStatement resource |
|  | **$subsumes:** Determine if code A is subsumed by code B |
|  | **$suspend:** Suspend Task |
|  | **$transform:** Model Instance Transformation |
|  | **$translate:** Concept Translation |
|  | **$validate:** Validate a resource |
|  | **$validate-code:** Value Set based Validation |

## ValueSet: TestScriptOperationCode

|  |  |
| --- | --- |
| Name | TestScriptOperationCode (Test Script Operation Code) |
| Description | This value set defines a set of codes that are used to indicate the supported operations of a testing engine or tool. |

## ValueSet: TestScriptProfileDestinationType

|  |  |
| --- | --- |
| Name | TestScriptProfileDestinationType (Test Script Profile Destination Type) |
| Description | This value set defines a set of codes that are used to indicate the profile type of a test system when acting as the destination within a TestScript. |
| Content | **FHIR Server:** General FHIR server used to respond to operations sent from a FHIR client. |
|  | **FHIR SDC FormManager:** A FHIR server acting as a Structured Data Capture Form Manager. |
|  | **FHIR SDC FormProcessor:** A FHIR server acting as a Structured Data Capture Form Processor. |
|  | **FHIR SDC FormReceiver:** A FHIR server acting as a Structured Data Capture Form Receiver. |

## ValueSet: TestScriptProfileDestinationType

|  |  |
| --- | --- |
| Name | TestScriptProfileDestinationType (Test Script Profile Destination Type) |
| Description | This value set defines a set of codes that are used to indicate the profile type of a test system when acting as the destination within a TestScript. |

## ValueSet: TestScriptProfileOriginType

|  |  |
| --- | --- |
| Name | TestScriptProfileOriginType (Test Script Profile Origin Type) |
| Description | This value set defines a set of codes that are used to indicate the profile type of a test system when acting as the origin within a TestScript. |
| Content | **FHIR Client:** General FHIR client used to initiate operations against a FHIR server. |
|  | **FHIR SDC FormFiller:** A FHIR client acting as a Structured Data Capture Form Filler. |

## ValueSet: TestScriptProfileOriginType

|  |  |
| --- | --- |
| Name | TestScriptProfileOriginType (Test Script Profile Origin Type) |
| Description | This value set defines a set of codes that are used to indicate the profile type of a test system when acting as the origin within a TestScript. |

## ValueSet: UCUM Codes

|  |  |
| --- | --- |
| Name | UCUM Codes (U C U M Codes) |
| Description | UCUM Codes for units of measure. This value set includes all UCUM codes |
| Copyright | The UCUM codes, UCUM table (regardless of format), and UCUM Specification are copyright Â© 1999-2009, Regenstrief Institute, Inc. and the Unified Codes for Units of Measures (UCUM) Organization. All rights reserved. |

## ValueSet: UCUM Codes

|  |  |
| --- | --- |
| Name | UCUM Codes (U C U M Codes) |
| Description | UCUM Codes for units of measure. This value set includes all UCUM codes |
| Copyright | The UCUM codes, UCUM table (regardless of format), and UCUM Specification are copyright Â© 1999-2009, Regenstrief Institute, Inc. and the Unified Codes for Units of Measures (UCUM) Organization. All rights reserved. |

## ValueSet: USCLS Codes

|  |  |
| --- | --- |
| Name | USCLS Codes (U S C L S Codes) |
| Description | This value set includes a smattering of USCLS codes. |
| Copyright | This is an example set. |
| Content | **Exam, comp, primary:** Exam, comp, primary |
|  | **Exam, comp, mixed:** Exam, comp, mixed |
|  | **Exam, comp, permanent:** Exam, comp, permanent |
|  | **Exam, recall:** Exam, recall |
|  | **Exam, emergency:** Exam, emergency |
|  | **Radiograph, series (12):** Radiograph, series (12) |
|  | **Radiograph, series (16):** Radiograph, series (16) |
|  | **Radiograph, bytewing:** Radiograph, bytewing |
|  | **Radiograph, panoramic:** Radiograph, panoramic |
|  | **Polishing, 1 unit:** Polishing, 1 unit |
|  | **Polishing, 2 unit:** Polishing, 2 unit |
|  | **Polishing, 3 unit:** Polishing, 3 unit |
|  | **Polishing, 4 unit:** Polishing, 4 unit |
|  | **Amalgam, 1 surface:** Amalgam, 1 surface |
|  | **Amalgam, 2 surface:** Amalgam, 2 surface |
|  | **Crown, PFM:** Crown, PFM |
|  | **Maryland Bridge:** Maryland Bridge |
|  | **Lab, commercial:** Lab, commercial |
|  | **Lab, in office:** Lab, in office |
|  | **Expense:** Expense |

## ValueSet: USCLS Codes

|  |  |
| --- | --- |
| Name | USCLS Codes (U S C L S Codes) |
| Description | This value set includes a smattering of USCLS codes. |
| Copyright | This is an example set. |

## ValueSet: Vaccination Protocol Dose Status Reason codes

|  |  |
| --- | --- |
| Name | Vaccination Protocol Dose Status Reason codes (Vaccination Protocol Dose Status Reason codes) |
| Description | The value set to instantiate this attribute should be drawn from a terminologically robust code system that consists of or contains concepts to support describing the reason why an administered doses has been assigned a particular status. Often, this reason describes why a dose is considered invalid. This value set is provided as a suggestive example. |
| Content | **Adverse storage condition:** The product was stored in a manner inconsistent with manufacturer guidelines potentially reducing the effectiveness of the product. |
|  | **Cold chain break:** The product was stored at a temperature inconsistent with manufacturer guidelines potentially reducing the effectiveness of the product. |
|  | **Expired lot:** The product was administered after the expiration date associated with lot of vaccine. |
|  | **Administered outside recommended schedule:** The product was administered at a time inconsistent with the documented schedule. |
|  | **Product recall:** The product administered has been recalled by the manufacturer. |

## ValueSet: Vaccination Protocol Dose Status Reason codes

|  |  |
| --- | --- |
| Name | Vaccination Protocol Dose Status Reason codes (Vaccination Protocol Dose Status Reason codes) |
| Description | The value set to instantiate this attribute should be drawn from a terminologically robust code system that consists of or contains concepts to support describing the reason why an administered doses has been assigned a particular status. Often, this reason describes why a dose is considered invalid. This value set is provided as a suggestive example. |

## ValueSet: Vaccination Protocol Dose Status codes

|  |  |
| --- | --- |
| Name | Vaccination Protocol Dose Status codes (Vaccination Protocol Dose Status codes) |
| Description | The value set to instantiate this attribute should be drawn from a terminologically robust code system that consists of or contains concepts to support describing the validity of a dose relative to a particular recommended schedule. This value set is provided as a suggestive example. |
| Content | **Counts:** The dose counts toward fulfilling a path to immunity for a patient, providing protection against the target disease. |
|  | **Does not Count:** The dose does not count toward fulfilling a path to immunity for a patient. |

## ValueSet: Vaccination Protocol Dose Status codes

|  |  |
| --- | --- |
| Name | Vaccination Protocol Dose Status codes (Vaccination Protocol Dose Status codes) |
| Description | The value set to instantiate this attribute should be drawn from a terminologically robust code system that consists of or contains concepts to support describing the validity of a dose relative to a particular recommended schedule. This value set is provided as a suggestive example. |

## ValueSet: Vaccination Protocol Dose Target Codes

|  |  |
| --- | --- |
| Name | Vaccination Protocol Dose Target Codes (Vaccination Protocol Dose Target Codes) |
| Description | The value set to instantiate this attribute should be drawn from a terminologically robust code system that consists of or contains concepts to support describing the disease targeted by a vaccine. This value set is provided as a suggestive example and includes the SNOMED CT concepts from the 64572001 (Disease) hierarchy. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

# FHIR project team

## ValueSet: All Security Labels

|  |  |
| --- | --- |
| Name | All Security Labels (All Security Labels) |
| Description | A single value set for all security labels defined by FHIR. |

## ValueSet: Vital Signs

|  |  |
| --- | --- |
| Name | Vital Signs (Vital Signs) |
| Description | This value set indicates the allowed vital sign result types. The concept Vitals signs panel (85353-1) is a grouping structure for a set of vital signs and includes related links (with type=has-member) to the Observations in this set (e.g. respiratory rate, heart rate, BP). The Blood pressure panel (85354-9) is used to group the component observations Systolic blood pressure (8480-6) and Diastolic blood pressure (8462-4). |
| Copyright | This content from LOINCÂ® is copyright Â© 1995 Regenstrief Institute, Inc. and the LOINC Committee, and available at no cost under the license at http://loinc.org/terms-of-use |

# Financial Management

## ValueSet: Additional Material Codes

|  |  |
| --- | --- |
| Name | Additional Material Codes (Additional Material Codes) |
| Description | This value set includes sample additional material type codes. |
| Copyright | This is an example set. |
| Content | **XRay:** XRay |
|  | **Image:** Image |
|  | **Email:** Email |
|  | **Model:** Model |
|  | **Document:** Document |
|  | **Other:** Other |

## ValueSet: Additional Material Codes

|  |  |
| --- | --- |
| Name | Additional Material Codes (Additional Material Codes) |
| Description | This value set includes sample additional material type codes. |
| Copyright | This is an example set. |

## ValueSet: Adjudication Error Codes

|  |  |
| --- | --- |
| Name | Adjudication Error Codes (Adjudication Error Codes) |
| Description | This value set includes a smattering of adjudication codes. |
| Copyright | This is an example set. |
| Content | **Missing Identifier:** Missing Identifier |
|  | **Missing Creation Date:** Missing Creation Date |

## ValueSet: Adjudication Error Codes

|  |  |
| --- | --- |
| Name | Adjudication Error Codes (Adjudication Error Codes) |
| Description | This value set includes a smattering of adjudication codes. |
| Copyright | This is an example set. |

## ValueSet: Adjudication Reason Codes

|  |  |
| --- | --- |
| Name | Adjudication Reason Codes (Adjudication Reason Codes) |
| Description | This value set includes smattering of Adjudication Reason codes. |
| Copyright | This is an example set. |
| Content | **Not covered:** Not covered |
|  | **Plan Limit Reached:** Plan Limit Reached |

## ValueSet: Adjudication Reason Codes

|  |  |
| --- | --- |
| Name | Adjudication Reason Codes (Adjudication Reason Codes) |
| Description | This value set includes smattering of Adjudication Reason codes. |
| Copyright | This is an example set. |

## ValueSet: Benefit Category Codes

|  |  |
| --- | --- |
| Name | Benefit Category Codes (Benefit Category Codes) |
| Description | This value set includes a smattering of Benefit Category codes. |
| Copyright | This is an example set. |
| Content | **Dental and Oral Health Coverage:** Dental and Oral Health Coverage |
|  | **Vision Health Coverage:** Vision Health Coverage |
|  | **Medical Health Coverage:** Medical Health Coverage |
|  | **Pharmacy Coverage:** Pharmacy Coverage |

## ValueSet: Benefit Category Codes

|  |  |
| --- | --- |
| Name | Benefit Category Codes (Benefit Category Codes) |
| Description | This value set includes a smattering of Benefit Category codes. |
| Copyright | This is an example set. |

## ValueSet: Benefit SubCategory Codes

|  |  |
| --- | --- |
| Name | Benefit SubCategory Codes (Benefit Sub Category Codes) |
| Description | This value set includes a smattering of Benefit SubCategory codes. |
| Copyright | This is an example set. |
| Content | **Medical Care:** Medical Care. |
|  | **Surgical:** Surgical. |
|  | **Consultation:** Consultation. |
|  | **Diagnostic XRay:** Diagnostic XRay. |
|  | **Diagnostic Lab:** Diagnostic Lab. |
|  | **Renal Supplies:** Renal Supplies excluding Dialysis. |
|  | **Diagnostic Dental:** Diagnostic Dental. |
|  | **Periodontics:** Periodontics. |
|  | **Restorative:** Restorative. |
|  | **Endodontics:** Endodontics. |
|  | **Maxillofacilial Prosthetics:** Maxillofacilial Prosthetics. |
|  | **Adjunctive Dental Services:** Adjunctive Dental Services. |
|  | **Health Benefit Plan Coverage:** Health Benefit Plan Coverage. |
|  | **Dental Care:** Dental Care. |
|  | **Dental Crowns:** Dental Crowns. |
|  | **Dental Accident:** Dental Accident. |
|  | **Hospital Room and Board:** Hospital Room and Board. |
|  | **Major Medical:** Major Medical. |
|  | **Medically Related Transportation:** Medically Related Transportation. |
|  | **In-vitro Fertilization:** In-vitro Fertilization. |
|  | **MRI Scan:** MRI Scan. |
|  | **Donor Procedures:** Donor Procedures such as organ harvest. |
|  | **Maternity:** Maternity. |
|  | **Renal Dialysis:** Renal dialysis. |
|  | **Medical Coverage:** Medical Coverage. |
|  | **Dental Coverage:** Dental Coverage. |
|  | **Hearing Coverage:** Hearing Coverage. |
|  | **Vision Coverage:** Vision Coverage. |

## ValueSet: Benefit SubCategory Codes

|  |  |
| --- | --- |
| Name | Benefit SubCategory Codes (Benefit Sub Category Codes) |
| Description | This value set includes a smattering of Benefit SubCategory codes. |
| Copyright | This is an example set. |

## ValueSet: Benefit Term Codes

|  |  |
| --- | --- |
| Name | Benefit Term Codes (Benefit Term Codes) |
| Description | This value set includes a smattering of Benefit Term codes. |
| Copyright | This is an example set. |
| Content | **Annual:** Annual, renewing on the anniversary |
|  | **Day:** Per day |
|  | **Lifetime:** For the total term, lifetime, of the policy or coverage |

## ValueSet: Benefit Term Codes

|  |  |
| --- | --- |
| Name | Benefit Term Codes (Benefit Term Codes) |
| Description | This value set includes a smattering of Benefit Term codes. |
| Copyright | This is an example set. |

## ValueSet: Benefit Type Codes

|  |  |
| --- | --- |
| Name | Benefit Type Codes (Benefit Type Codes) |
| Description | This value set includes a smattering of Benefit type codes. |
| Copyright | This is an example set. |
| Content | **Benefit:** Maximum benefit allowable. |
|  | **Deductable:** Cost to be incurred before benefits are applied |
|  | **Visit:** Service visit |
|  | **Room:** Type of room |
|  | **Copayment per service:** Copayment per service |
|  | **Copayment Percent per service:** Copayment percentage per service |
|  | **Copayment maximum per service:** Copayment maximum per service |
|  | **Vision Exam:** Vision Exam |
|  | **Vision Glasses:** Frames and lenses |
|  | **Vision Contacts Coverage:** Contact Lenses |
|  | **Medical Primary Health Coverage:** Medical Primary Health Coverage |
|  | **Pharmacy Dispense Coverage:** Pharmacy Dispense Coverage |

## ValueSet: Benefit Type Codes

|  |  |
| --- | --- |
| Name | Benefit Type Codes (Benefit Type Codes) |
| Description | This value set includes a smattering of Benefit type codes. |
| Copyright | This is an example set. |

## ValueSet: Claim Care Team Role Codes

|  |  |
| --- | --- |
| Name | Claim Care Team Role Codes (Claim Care Team Role Codes) |
| Description | This value set includes sample Claim Care Team Role codes. |
| Copyright | This is an example set. |
| Content | **Primary provider:** The primary care provider. |
|  | **Assisting Provider:** Assisting care provider. |
|  | **Supervising Provider:** Supervising care provider. |
|  | **Other:** Other role on the care team. |

## ValueSet: Claim Care Team Role Codes

|  |  |
| --- | --- |
| Name | Claim Care Team Role Codes (Claim Care Team Role Codes) |
| Description | This value set includes sample Claim Care Team Role codes. |
| Copyright | This is an example set. |

## ValueSet: Claim Information Category Codes

|  |  |
| --- | --- |
| Name | Claim Information Category Codes (Claim Information Category Codes) |
| Description | This value set includes sample Information Category codes. |
| Copyright | This is an example set. |
| Content | **Information:** Codes conveying additional situation and condition information. |
|  | **Discharge:** Discharge status and discharge to locations. |
|  | **Onset:** Period, start or end dates of aspects of the Condition. |
|  | **Related Services:** Nature and date of the related event eg. Last exam, service, Xray etc. |
|  | **Exception:** Insurance policy exceptions. |
|  | **Materials Forwarded:** Materials being forwarded, eg. Models, molds, images, documents. |
|  | **Attachment:** Materials attached such as images, documents and resources. |
|  | **Missing Tooth:** Teeth which are missing for any reason, for example: prior extraction, never developed. |
|  | **Prosthesis:** The type of prosthesis and date of supply if a previously supplied prosthesis. |
|  | **Other:** Other information identified by the type.system. |

## ValueSet: Claim Information Category Codes

|  |  |
| --- | --- |
| Name | Claim Information Category Codes (Claim Information Category Codes) |
| Description | This value set includes sample Information Category codes. |
| Copyright | This is an example set. |

## ValueSet: Claim Item Type Codes

|  |  |
| --- | --- |
| Name | Claim Item Type Codes (Claim Item Type Codes) |
| Description | This value set includes sample Item Type codes. |
| Copyright | This is an example set. |
| Content | **Group:** A group of products and/or Services, amount ar the summary or detail level products and services. |
|  | **Product:** A billed product line item. |
|  | **Service:** A billed service line item. |

## ValueSet: Claim Item Type Codes

|  |  |
| --- | --- |
| Name | Claim Item Type Codes (Claim Item Type Codes) |
| Description | This value set includes sample Item Type codes. |
| Copyright | This is an example set. |

## ValueSet: Claim Payee Type Codes

|  |  |
| --- | --- |
| Name | Claim Payee Type Codes (Claim Payee Type Codes) |
| Description | This value set includes sample Payee Type codes. |
| Copyright | This is an example set. |
| Content | **Subscriber:** The subscriber (policy holder) will be reimbursed. |
|  | **Provider:** Any benefit payable will be paid to the provider (Assignment of Benefit). |
|  | **Provider:** Any benefit payable will be paid to a third party such as a guarrantor. |

## ValueSet: Claim Payee Type Codes

|  |  |
| --- | --- |
| Name | Claim Payee Type Codes (Claim Payee Type Codes) |
| Description | This value set includes sample Payee Type codes. |
| Copyright | This is an example set. |

## ValueSet: Contract Action Codes

|  |  |
| --- | --- |
| Name | Contract Action Codes (Contract Action Codes) |
| Description | This value set includes sample Contract Action codes. |
| Copyright | This is an example set. |
| Content | **Action A:** Definition for Action A |
|  | **Action B:** Definition for Action B |

## ValueSet: Contract Action Codes

|  |  |
| --- | --- |
| Name | Contract Action Codes (Contract Action Codes) |
| Description | This value set includes sample Contract Action codes. |
| Copyright | This is an example set. |

## ValueSet: Contract Content Derivation Codes

|  |  |
| --- | --- |
| Name | Contract Content Derivation Codes (Contract Content Derivation Codes) |
| Description | This is an example set of Content Derivative type codes, which represent the minimal content derived from the basal information source at a specific stage in its lifecycle, which is sufficient to manage that source information, for example, in a repository, registry, processes and workflows, for making access control decisions, and providing query responses. |
| Copyright | This is an example set. |
| Content | **Content Registration:** Content derivative that conveys sufficient information needed to register the source basal content from which it is derived. This derivative content may be used to register the basal content as it changes status in its lifecycle. For example, content registration may occur when the basal content is created, updated, inactive, or deleted. |
|  | **Content Retrieval:** A content derivative that conveys sufficient information to locate and retrieve the content. |
|  | **Content Statement:** Content derivative that has less than full fidelity to the basal information source from which it was 'transcribed'. It provides recipients with the full content representation they may require for compliance purposes, and typically include a reference to or an attached unstructured representation for recipients needing an exact copy of the legal agreement. |
|  | **Shareable Content:** A Content Derivative that conveys sufficient information to determine the authorized entities with which the content may be shared. |

## ValueSet: Contract Content Derivation Codes

|  |  |
| --- | --- |
| Name | Contract Content Derivation Codes (Contract Content Derivation Codes) |
| Description | This is an example set of Content Derivative type codes, which represent the minimal content derived from the basal information source at a specific stage in its lifecycle, which is sufficient to manage that source information, for example, in a repository, registry, processes and workflows, for making access control decisions, and providing query responses. |
| Copyright | This is an example set. |

## ValueSet: Contract Resource Status Codes

|  |  |
| --- | --- |
| Name | Contract Resource Status Codes (Contract Resource Status Codes) |
| Description | This value set contract specific codes for status. |
| Copyright | HL7 International. |
| Content | **Amended:** Contract is augmented with additional information to correct errors in a predecessor or to updated values in a predecessor. Usage: Contract altered within effective time. Precedence Order = 9. Comparable FHIR and v.3 status codes: revised; replaced. |
|  | **Appended:** Contract is augmented with additional information that was missing from a predecessor Contract. Usage: Contract altered within effective time. Precedence Order = 9. Comparable FHIR and v.3 status codes: updated, replaced. |
|  | **Cancelled:** Contract is terminated due to failure of the Grantor and/or the Grantee to fulfil one or more contract provisions. Usage: Abnormal contract termination. Precedence Order = 10. Comparable FHIR and v.3 status codes: stopped; failed; aborted. |
|  | **Disputed:** Contract is pended to rectify failure of the Grantor or the Grantee to fulfil contract provision(s). E.g., Grantee complaint about Grantor's failure to comply with contract provisions. Usage: Contract pended. Precedence Order = 7.Comparable FHIR and v.3 status codes: on hold; pended; suspended. |
|  | **Entered in Error:** Contract was created in error. No Precedence Order. Status may be applied to a Contract with any status. |
|  | **Executable:** Contract execution pending; may be executed when either the Grantor or the Grantee accepts the contract provisions by signing. I.e., where either the Grantor or the Grantee has signed, but not both. E.g., when an insurance applicant signs the insurer's application, which references the policy. Usage: Optional first step of contract execution activity. May be skipped and contracting activity moves directly to executed state. Precedence Order = 3. Comparable FHIR and v.3 status codes: draft; preliminary; planned; intended; active. |
|  | **Executed:** Contract is activated for period stipulated when both the Grantor and Grantee have signed it. Usage: Required state for normal completion of contracting activity. Precedence Order = 6. Comparable FHIR and v.3 status codes: accepted; completed. |
|  | **Negotiable:** Contract execution is suspended while either or both the Grantor and Grantee propose and consider new or revised contract provisions. I.e., where the party which has not signed proposes changes to the terms. E .g., a life insurer declines to agree to the signed application because the life insurer has evidence that the applicant, who asserted to being younger or a non-smoker to get a lower premium rate - but offers instead to agree to a higher premium based on the applicant's actual age or smoking status. Usage: Optional contract activity between executable and executed state. Precedence Order = 4. Comparable FHIR and v.3 status codes: in progress; review; held. |
|  | **Offered:** Contract is a proposal by either the Grantor or the Grantee. Aka - A Contract hard copy or electronic 'template','form' or 'application'. E.g., health insurance application; consent directive form. Usage: Beginning of contract negotiation, which may have been completed as a precondition because used for 0..\* contracts. Precedence Order = 2. Comparable FHIR and v.3 status codes: requested; new. |
|  | **Policy:** Contract template is available as the basis for an application or offer by the Grantor or Grantee. E.g., health insurance policy; consent directive policy. Usage: Required initial contract activity, which may have been completed as a precondition because used for 0..\* contracts. Precedence Order = 1. Comparable FHIR and v.3 status codes: proposed; intended. |
|  | **Rejected:** Execution of the Contract is not completed because either or both the Grantor and Grantee decline to accept some or all of the contract provisions. Usage: Optional contract activity between executable and abnormal termination. Precedence Order = 5. Comparable FHIR and v.3 status codes: stopped; cancelled. |
|  | **Renewed:** Beginning of a successor Contract at the termination of predecessor Contract lifecycle. Usage: Follows termination of a preceding Contract that has reached its expiry date. Precedence Order = 13. Comparable FHIR and v.3 status codes: superseded. |
|  | **Revoked:** A Contract that is rescinded. May be required prior to replacing with an updated Contract. Comparable FHIR and v.3 status codes: nullified. |
|  | **Resolved:** Contract is reactivated after being pended because of faulty execution. \*E.g., competency of the signer(s), or where the policy is substantially different from and did not accompany the application/form so that the applicant could not compare them. Aka - ''reactivated''. Usage: Optional stage where a pended contract is reactivated. Precedence Order = 8. Comparable FHIR and v.3 status codes: reactivated. |
|  | **Terminated:** Contract reaches its expiry date. It may or may not be renewed or renegotiated. Usage: Normal end of contract period. Precedence Order = 12. Comparable FHIR and v.3 status codes: Obsoleted. |

## ValueSet: Contract Resource Status Codes

|  |  |
| --- | --- |
| Name | Contract Resource Status Codes (Contract Resource Status Codes) |
| Description | This value set contract specific codes for status. |
| Copyright | HL7 International. |

## ValueSet: Contract Signer Type Codes

|  |  |
| --- | --- |
| Name | Contract Signer Type Codes (Contract Signer Type Codes) |
| Description | This value set includes sample Contract Signer Type codes. |
| Copyright | This is an example set based on ASTM Standard, E1762-95 (2013) HL7 RoleClass OID 2.16.840.1.113883.5.110, HL7 Role Code 2.16.840.1.113883.5.111, HL7 ParticipationType OID: 2.16.840.1.113883.5.90, HL7 ParticipationFunction codes at OID: 2.16.840.1.113883.5.88, and HL7 Security and Privacy Domain Analysis Model roles classes. |
| Content | **Amender:** A person who has corrected, edited, or amended pre-existing information. |
|  | **Authenticator:** A person in the role of verifier who attests to the accuracy of an act, but who does not have privileges to legally authenticate information content. An example would be a resident physician who sees a patient and dictates a note, then later signs it. The resident's signature constitutes an authentication. |
|  | **Author:** An entity that authored specific content. There can be multiple authors of content, which may take such forms as a contract, a healthcare record entry or document, a policy, or a consent directive. |
|  | **Affiliate:** An entity that has a business or professional relationship with another entity in accordance with an agreement. |
|  | **Agent:** An entity that acts or is authorized to act on behalf of another entity in accordance with an agreement. |
|  | **Assigned Entity:** An agent role in which the agent is an Entity acting in the employ of an organization. The focus is on functional role on behalf of the organization, unlike the Employee role where the focus is on the 'Human Resources' relationship between the employee and the organization. |
|  | **Citizen:** The member of a jurisdiction afforded certain rights and encumbered with certain obligation in accordance with jurisdictional policy. |
|  | **Claimant:** A party that makes a claim for coverage under a policy. |
|  | **Co-Author:** The entity that co-authored content. There can be multiple co-authors of content,which may take such forms as a such as a contract, a healthcare record entry or document, a policy, or a consent directive. |
|  | **Consenter:** A patient or patient representative who is the grantee in a healthcare related agreement such as a consent for healthcare services, advanced directive, or a privacy consent directive in accordance with jurisdictional, organizational, or patient policy. |
|  | **Consent Witness:** A person who has witnessed and attests to observing a patient being counseled about a healthcare related agreement such as a consent for healthcare services, advanced directive, or a privacy consent directive. |
|  | **Contact:** A person or an organization that provides or receives information regarding another entity. Examples; patient NOK and emergency contacts; guarantor contact; employer contact. |
|  | **Co-Participant:** A person who participates in the generation of and attest to veracity of content, but is not an author or co-author. For example a surgeon who is required by institutional, regulatory, or legal rules to sign an operative report, but who was not involved in the authorship of that report. |
|  | **Covered Party:** An entity, which is the insured, that receives benefits such as healthcare services, reimbursement for out-of-pocket expenses, or compensation for losses through coverage under the terms of an insurance policy. The underwriter of that policy is the scoping entity. The covered party receives coverage because of some contractual or other relationship with the holder of that policy. Note that a particular policy may cover several individuals one of whom may be, but need not be, the policy holder. Thus the notion of covered party is a role that is distinct from that of the policy holder. |
|  | **Delegatee:** A party to whom some right or authority is delegated by a delegator. |
|  | **Delegator:** A party that delegates a right or authority to another party. |
|  | **Dependent:** A person covered under an insurance policy or program based on an association with a subscriber, which is recognized by the policy holder. The dependent has an association with the subscriber such as a financial dependency or personal relationship such as that of a spouse, or a natural or adopted child. The policy holder may be required by law to recognize certain associations or may have discretion about the associations. For example, a policy holder may dictate the criteria for the dependent status of adult children who are students, such as requiring full time enrollment, or may recognize domestic partners as dependents. Under certain circumstances, the dependent may be under the indirect authority of a responsible party acting as a surrogate for the subscriber, for example, if the subscriber is differently-abled or deceased, a guardian ad Lidem or estate executor may be appointed to assume the subscriber's legal standing in the relationship with the dependent. |
|  | **Durable Power of Attorney:** A person who has been granted the authority to represent or act on another's behalf generally in a manner which is a legally binding upon the person giving such authority as if he or she personally were to do the acts. Unlike ordinary powers of attorney, durable powers can survive for long periods of time, and again, unlike standard powers of attorney, durable powers can continue after incompetency. |
|  | **Emergency Contact:** An entity to be contacted in the event of an emergency |
|  | **Event Witness:** A person who attests to observing an occurrence. For example, the witness has observed a procedure and is attesting to this fact. |
|  | **Executor of Estate:** A person who has been granted the authority to act as an estate executor for a deceased person who was the responsible party. |
|  | **Grantee:** A person who grants to another person the authority to represent or act on that person's behalf. Examples include (1) exercising specific rights belonging to the grantee; (2) performing specific duties on behalf of a grantee; and (3) making specific decisions concerning a grantee. |
|  | **Grantor:** A person who has been granted the authority to represent or act on another's behalf. Examples include (1) exercising specific rights belonging to the grantee; (2) performing specific duties on behalf of a grantee; and (3) making specific decisions concerning a grantee. |
|  | **Guarantor:** A person or organization contractually recognized by the issuer as an entity that has assumed fiscal responsibility (e.g., by making or giving a promise, assurance, or pledge) for another entity's financial obligations by guaranteeing to pay for amounts owed to a particular account. In a healthcare context, the account may be a patient's billing account for services rendered by a provider or a health plan premium account. |
|  | **Guardian:** A person or organization legally empowered with responsibility for the care of a ward. |
|  | **Guardian ad lidem:** A person appointed by the court to look out for the best interests of a minor child during the course of legal proceedings. |
|  | **Informant:** An entity that is the source of reported information (e.g., a next of kin who answers questions about the patient's history). For history questions, the patient is logically an informant, yet the informant of history questions is implicitly the subject. |
|  | **Interpreter:** A person who converts spoken or written language into the language of key participants in an event such as when a provider is obtaining a patient's consent to treatment or permission to disclose information. |
|  | **Investigation Subject:** An entity that is the subject of an investigation. This role is scoped by the party responsible for the investigation. |
|  | **Healthcare Power of Attorney:** A person who has been granted the authority to represent or act on another's behalf for healthcare related matters in a manner which is a legally binding upon the person giving such authority as if he or she personally were to do the acts. Examples include (1) exercising specific healthcare legal rights belonging to the grantee such as signing a consent directive; (2) performing specific healthcare related legal duties on behalf of a grantee such as claims payment; and (3) making specific healthcare legal decisions concerning a grantee such as consenting to healthcare services. |
|  | **Healthcare Provider:** An entity that is authorized to provide health care services by an authorizing organization or jurisdiction. |
|  | **Legal Authenticator:** A person in the role of verifier who attests to the accuracy of information content, and who has privileges to certify the legal authenticity of that content with a signature that constitutes a legal authentication. For example, a licensed physician who signs a consult authored by a resident physician who authenticated it. |
|  | **Named Insured:** A party to an insurance policy under which the insurer agrees to indemnify for losses, provides benefits for, or renders services. A named insured may be either a person, non-person living subject, or an organization, or a group of persons, non-person living subject that is the named insured under a comprehensive automobile, disability, or property and casualty policy. The named insured and may or may not be the policy holder. |
|  | **Next of Kin:** A person, who is a type of contact, designated to receive notifications on behalf of another person who is a relative. |
|  | **Notary:** The party credentialed to legally attest to the contract binding by verifying the identity and capacity of the grantor and grantee, and witnessing their signing of the contract or agreement such as a real estate transaction, pre-nuptial agreement, or a will. |
|  | **Patient:** A person, animal, or other living subject that is the actual or potential recipient of health care services. |
|  | **Power of Attorney:** A person who has been granted the authority to represent or act on another's behalf generally in a manner which is a legally binding upon the person giving such authority as if he or she personally were to do the acts. Examples include (1) exercising specific legal rights belonging to the grantee such as signing a contract; (2) performing specific legal duties on behalf of a grantee such as making loan payments; and (3) making specific legal decisions concerning a grantee such as financial investment decisions. |
|  | **Primary Author:** An entity that is the primary or sole author of information content. In the healthcare context, there can be only one primary author of health information content in a record entry or document. |
|  | **Primary Responsible Party :** An entity that may, should receive, or has received information or an object to which it was primarily addressed. |
|  | **Recipient:** An entity that may, should receive, or has received information or an object, which may not have been primarily addressed to it. For example, the staff of a provider, a clearinghouse, or other intermediary. |
|  | **Responsible Party:** An entity that has legal responsibility for another party. |
|  | **Reviewer:** A person, device, or algorithm that has used approved criteria for filtered data for inclusion into the patient record. Examples: (1) a medical records clerk who scans a document for inclusion in the medical record, enters header information, or catalogues and classifies the data, or a combination thereof; (2) a gateway that receives data from another computer system and interprets that data or changes its format, or both, before entering it into the patient record. |
|  | **Transcriber:** An entity entering the data into the originating system. This includes the transcriptionist for dictated text transcribed into electronic form. |
|  | **Source:** An automated data source that generates a signature along with content. Examples: (1) the signature for an image that is generated by a device for inclusion in the patient record; (2) the signature for an ECG derived by an ECG system for inclusion in the patient record; (3) the data from a biomedical monitoring device or system that is for inclusion in the patient record. |
|  | **Apecial Power of Attorney:** A person who has been granted the authority to represent or act on another's behalf for a limited set of specific matters in a manner which is a legally binding upon the person giving such authority as if he or she personally were to do the acts. Examples include (1) exercising specific legal rights belonging to the grantee such as drafting a will; (2) performing specific legal duties on behalf of a grantee such as making a reversible mortgage to pay for end of life expenses; and (3) making specific legal decisions concerning a grantee such as managing a trust. |
|  | **Validator:** A person who validates a health information document for inclusion in the patient record. For example, a medical student or resident is credentialed to perform history or physical examinations and to write progress notes. The attending physician signs the history and physical examination to validate the entry for inclusion in the patient's medical record. |
|  | **Verifier:** A person who asserts the correctness and appropriateness of an act or the recording of the act, and is accountable for the assertion that the act or the recording of the act complies with jurisdictional or organizational policy. For example, a physician is required to countersign a verbal order that has previously been recorded in the medical record by a registered nurse who has carried out the verbal order. |
|  | **Witness:** A person witnessing the signature of another party. A witness is not knowledgeable about the content being signed, much less approves of anything stated in the content. For example, an advanced directive witness or a witness that a party to a contract signed that certain demographic or financial information is truthful. |

## ValueSet: Contract Signer Type Codes

|  |  |
| --- | --- |
| Name | Contract Signer Type Codes (Contract Signer Type Codes) |
| Description | This value set includes sample Contract Signer Type codes. |
| Copyright | This is an example set based on ASTM Standard, E1762-95 (2013) HL7 RoleClass OID 2.16.840.1.113883.5.110, HL7 Role Code 2.16.840.1.113883.5.111, HL7 ParticipationType OID: 2.16.840.1.113883.5.90, HL7 ParticipationFunction codes at OID: 2.16.840.1.113883.5.88, and HL7 Security and Privacy Domain Analysis Model roles classes. |

## ValueSet: Contract Subtype Codes

|  |  |
| --- | --- |
| Name | Contract Subtype Codes (Contract Subtype Codes) |
| Description | This value set includes sample Contract Subtype codes. |
| Copyright | This is an example set. |
| Content | **Disclosure-CA:** Canadian health information displosure policy. |
|  | **Disclosure-US:** United States health information displosure policy. |

## ValueSet: Contract Subtype Codes

|  |  |
| --- | --- |
| Name | Contract Subtype Codes (Contract Subtype Codes) |
| Description | This value set includes sample Contract Subtype codes. |
| Copyright | This is an example set. |

## ValueSet: Contract Term Subtype Codes

|  |  |
| --- | --- |
| Name | Contract Term Subtype Codes (Contract Term Subtype Codes) |
| Description | This value set includes sample Contract Term SubType codes. |
| Copyright | This is an example set. |
| Content | **Condition:** Terms that go to the very root of a contract. |
|  | **Warranty:** Less imperative than a condition, so the contract will survive a breach |
|  | **Innominate:** Breach of which may or may not go to the root of the contract depending upon the nature of the breach |

## ValueSet: Contract Term Subtype Codes

|  |  |
| --- | --- |
| Name | Contract Term Subtype Codes (Contract Term Subtype Codes) |
| Description | This value set includes sample Contract Term SubType codes. |
| Copyright | This is an example set. |

## ValueSet: Contract Term Type Codes

|  |  |
| --- | --- |
| Name | Contract Term Type Codes (Contract Term Type Codes) |
| Description | This value set includes sample Contract Term Type codes. |
| Copyright | This is an example set. |
| Content | **Statutory:** Based on specialized statutes that deal with particular subjects. |
|  | **Subject To:** Execution of the term in the contract is conditional on the execution of other actions. |

## ValueSet: Contract Term Type Codes

|  |  |
| --- | --- |
| Name | Contract Term Type Codes (Contract Term Type Codes) |
| Description | This value set includes sample Contract Term Type codes. |
| Copyright | This is an example set. |

## ValueSet: Contract Type Codes

|  |  |
| --- | --- |
| Name | Contract Type Codes (Contract Type Codes) |
| Description | This value set includes sample Contract Type codes. |
| Copyright | This is an example set. |
| Content | **Privacy:** Privacy policy. |
|  | **Disclosure:** Information disclosure policy. |
|  | **Health Insurance:** Health Insurance policy. |
|  | **Supply Contract:** Contract to supply goods or services. |
|  | **Consent:** Consent Directive. |

## ValueSet: Contract Type Codes

|  |  |
| --- | --- |
| Name | Contract Type Codes (Contract Type Codes) |
| Description | This value set includes sample Contract Type codes. |
| Copyright | This is an example set. |

## ValueSet: Coverage Level Codes

|  |  |
| --- | --- |
| Name | Coverage Level Codes (Coverage Level Codes) |
| Description | This value set includes sample Coverage Level codes. |
| Copyright | This is an example set. |
| Content | **Group:** An employee group |
|  | **SubGroup:** A sub-group of an employee group |
|  | **Plan:** A specific suite of benefits. |
|  | **SubPlan:** A subset of a specific suite of benefits. |
|  | **Class:** A class of benefits. |
|  | **SubClass:** A subset of a class of benefits. |

## ValueSet: Coverage Level Codes

|  |  |
| --- | --- |
| Name | Coverage Level Codes (Coverage Level Codes) |
| Description | This value set includes sample Coverage Level codes. |
| Copyright | This is an example set. |

## ValueSet: Coverage SelfPay Codes

|  |  |
| --- | --- |
| Name | Coverage SelfPay Codes (Coverage Self Pay Codes) |
| Description | This value set includes Coverage SelfPay codes. |
| Copyright | HL7 International. |
| Content | **Pay:** An individual or oraganization is paying directly for goods and services. |

## ValueSet: Coverage SelfPay Codes

|  |  |
| --- | --- |
| Name | Coverage SelfPay Codes (Coverage Self Pay Codes) |
| Description | This value set includes Coverage SelfPay codes. |
| Copyright | HL7 International. |

## ValueSet: Coverage Type and Self-Pay Codes

|  |  |
| --- | --- |
| Name | Coverage Type and Self-Pay Codes (Coverage Type and Self- Pay Codes) |
| Description | This value set includes Coverage Type codes. |
| Copyright | HL7 International. |

## ValueSet: Example Claim SubType Codes

|  |  |
| --- | --- |
| Name | Example Claim SubType Codes (Example Claim Sub Type Codes) |
| Description | This value set includes sample Claim SubType codes which are used to distinguish the claim types for example within type institutional there may be subtypes for emergency services, bedstay and transportation. |
| Copyright | This is an example set. |
| Content | **Orthodontic Claim:** A claim for Orthodontic Services. |
|  | **Emergency Claim:** A claim for emergency services. |

## ValueSet: Example Claim SubType Codes

|  |  |
| --- | --- |
| Name | Example Claim SubType Codes (Example Claim Sub Type Codes) |
| Description | This value set includes sample Claim SubType codes. |
| Copyright | This is an example set. |

## ValueSet: Example Claim Type Codes

|  |  |
| --- | --- |
| Name | Example Claim Type Codes (Example Claim Type Codes) |
| Description | This value set includes sample Claim Type codes. |
| Copyright | This is an example set. |
| Content | **Institutional:** Hospital, clinic and typically inpatient claims. |
|  | **Oral:** Dental, Denture and Hygiene claims. |
|  | **Pharmacy:** Pharmacy claims for goods and services. |
|  | **Professional:** Typically outpatient claims from Physician, Psychological, Chiropractor, Physiotherapy, Speach Pathology, rehabilitative, consulting. |
|  | **Vision:** Vision claims for professional services and products such as glasses and contact lenses. |

## ValueSet: Example Claim Type Codes

|  |  |
| --- | --- |
| Name | Example Claim Type Codes (Example Claim Type Codes) |
| Description | This value set includes sample Claim Type codes. |
| Copyright | This is an example set. |

## ValueSet: Example Diagnosis Related Group Codes

|  |  |
| --- | --- |
| Name | Example Diagnosis Related Group Codes (Example Diagnosis Related Group Codes) |
| Description | This value set includes example Diagnosis Related Group codes. |
| Copyright | This is an example set. |
| Content | **Normal Vaginal Delivery:** Normal Vaginal Delivery. |
|  | **Appendectomy - uncomplicated:** Appendectomy without rupture or other complications. |
|  | **Tooth abcess:** Emergency department treatment of a tooth abcess. |

## ValueSet: Example Diagnosis Related Group Codes

|  |  |
| --- | --- |
| Name | Example Diagnosis Related Group Codes (Example Diagnosis Related Group Codes) |
| Description | This value set includes example Diagnosis Related Group codes. |
| Copyright | This is an example set. |

## ValueSet: Example Diagnosis Type Codes

|  |  |
| --- | --- |
| Name | Example Diagnosis Type Codes (Example Diagnosis Type Codes) |
| Description | This value set includes example Diagnosis Type codes. |
| Copyright | This is an example set. |
| Content | **Admitting Diagnosis:** The diagnosis given as the reason why the patient was admitted to the hospital. |
|  | **Clinical Diagnosis:** A diagnosis made on the basis of medical signs and patient-reported symptoms, rather than diagnostic tests. |
|  | **Differential Diagnosis:** One of a set of the possible diagnoses that could be connected to the signs, symptoms, and lab findings. |
|  | **Discharge Diagnosis:** The diagnosis given when the patient is discharged from the hospital. |
|  | **Laboratory Diagnosis:** A diagnosis based significantly on laboratory reports or test results, rather than the physical examination of the patient. |
|  | **Nursing Diagnosis:** A diagnosis which identifies people's responses to situations in their lives, such as a readiness to change or a willingness to accept assistance. |
|  | **Prenatal Diagnosis:** A diagnosis determined prior to birth. |
|  | **Principal Diagnosis:** The single medical diagnosis that is most relevant to the patient's chief complaint or need for treatment. |
|  | **Radiology Diagnosis:** A diagnosis based primarily on the results from medical imaging studies. |
|  | **Remote Diagnosis:** A diagnosis determined using telemedicine techniques. |
|  | **Retrospective Diagnosis:** The labeling of an illness in a specific historical event using modern knowledge, methods and disease classifications. |
|  | **Self Diagnosis:** A diagnosis determined by the patient. |

## ValueSet: Example Diagnosis Type Codes

|  |  |
| --- | --- |
| Name | Example Diagnosis Type Codes (Example Diagnosis Type Codes) |
| Description | This value set includes example Diagnosis Type codes. |
| Copyright | This is an example set. |

## ValueSet: Example Onset Type (Reason) Codes

|  |  |
| --- | --- |
| Name | Example Onset Type (Reason) Codes (Example Onset Type ( Reason) Codes) |
| Description | This value set includes example Onset Type codes which are used to identify the event for which the onset, starting date, is required. |
| Copyright | This is an example set. |
| Content | **Last Exam:** Date of last examination. |
|  | **Start of Symptoms:** Date when symptoms were first noticed.. |
|  | **Last Menstruation:** Start date of last menstruation. |

## ValueSet: Example Onset Type (Reason) Codes

|  |  |
| --- | --- |
| Name | Example Onset Type (Reason) Codes (Example Onset Type ( Reason) Codes) |
| Description | This value set includes sample Service Modifier codes. |
| Copyright | This is an example set. |

## ValueSet: Example Payment Type Codes

|  |  |
| --- | --- |
| Name | Example Payment Type Codes (Example Payment Type Codes) |
| Description | This value set includes example Payment Type codes. |
| Copyright | This is an example set. |
| Content | **Complete:** Complete (final) payment of the benefit under the Claim less any adjustments. |
|  | **Partial:** Partial payment of the benefit under the Claim less any adjustments. |

## ValueSet: Example Payment Type Codes

|  |  |
| --- | --- |
| Name | Example Payment Type Codes (Example Payment Type Codes) |
| Description | This value set includes example Payment Type codes. |
| Copyright | This is an example set. |

## ValueSet: Example Pharmacy Service Codes

|  |  |
| --- | --- |
| Name | Example Pharmacy Service Codes (Example Pharmacy Service Codes) |
| Description | This value set includes a smattering of Pharmacy Service codes. |
| Copyright | This is an example set. |
| Content | **Smoking cessation:** Smoking cessation |
|  | **Flu Shot:** Flu Shot |
|  | **Drug Cost:** The wholesale price of the medication. |
|  | **Markup:** The additional cost assessed on the drug. |
|  | **Dispense Fee:** The professional fee charged for dispensing the product or service. |
|  | **Compounding Fee:** The professional fee charged for compounding the medication. |

## ValueSet: Example Pharmacy Service Codes

|  |  |
| --- | --- |
| Name | Example Pharmacy Service Codes (Example Pharmacy Service Codes) |
| Description | This value set includes a smattering of Pharmacy Service codes. |
| Copyright | This is an example set. |

## ValueSet: Example Program Reason Codes

|  |  |
| --- | --- |
| Name | Example Program Reason Codes (Example Program Reason Codes) |
| Description | This value set includes sample Program Reason Span codes. |
| Copyright | This is an example set. |
| Content | **Child Asthma:** Child Asthma Program |
|  | **Heamodialisis:** Heamodialisis Program. |
|  | **Autism Screening:** Autism Screening Program. |
|  | **None:** No program code applies. |

## ValueSet: Example Program Reason Codes

|  |  |
| --- | --- |
| Name | Example Program Reason Codes (Example Program Reason Codes) |
| Description | This value set includes sample Program Reason Span codes. |
| Copyright | This is an example set. |

## ValueSet: Example Provider Qualification Codes

|  |  |
| --- | --- |
| Name | Example Provider Qualification Codes (Example Provider Qualification Codes) |
| Description | This value set includes sample Provider Qualification codes. |
| Copyright | This is an example set. |
| Content | **Dentist:** Dentist General Practitioner (DDS, DDM). |
|  | **Ophthalmologist:** Ophthalmologist. |
|  | **Optometrist:** Optometrist. |

## ValueSet: Example Provider Qualification Codes

|  |  |
| --- | --- |
| Name | Example Provider Qualification Codes (Example Provider Qualification Codes) |
| Description | This value set includes sample Provider Qualification codes. |
| Copyright | This is an example set. |

## ValueSet: Example Related Claim Relationship Codes

|  |  |
| --- | --- |
| Name | Example Related Claim Relationship Codes (Example Related Claim Relationship Codes) |
| Description | This value set includes sample Related Claim Relationship codes. |
| Copyright | This is an example set. |
| Content | **Prior Claim:** A prior claim instance for the same intended suite of services. |
|  | **Associated Claim:** A claim for a different suite of services which is related the the suite claimed here. |

## ValueSet: Example Related Claim Relationship Codes

|  |  |
| --- | --- |
| Name | Example Related Claim Relationship Codes (Example Related Claim Relationship Codes) |
| Description | This value set includes sample Related Claim Relationship codes. |
| Copyright | This is an example set. |

## ValueSet: Example Revenue Center Codes

|  |  |
| --- | --- |
| Name | Example Revenue Center Codes (Example Revenue Center Codes) |
| Description | This value set includes sample Revenue Center codes. |
| Copyright | This is an example set. |
| Content | **Anaesthesia:** Anaesthesia. |
|  | **Physical Therapy:** Physical Therapy. |
|  | **Physical Therapy - :** Physical Therapy - visit charge. |
|  | **Speech-Language Pathology:** Speech-Language Pathology. |
|  | **Speech-Language Pathology - Visit:** Speech-Language Pathology- visit charge |
|  | **Emergency Room:** Emergency Room |
|  | **Emergency Room - EM/EMTALA:** Emergency Room - EM/EMTALA |
|  | **Emergency Room - beyond EMTALA:** Emergency Room - beyond EMTALA |
|  | **Vision Clinic:** Vision Clinic |

## ValueSet: Example Revenue Center Codes

|  |  |
| --- | --- |
| Name | Example Revenue Center Codes (Example Revenue Center Codes) |
| Description | This value set includes sample Revenue Center codes. |
| Copyright | This is an example set. |

## ValueSet: Example Service Modifier Codes

|  |  |
| --- | --- |
| Name | Example Service Modifier Codes (Example Service Modifier Codes) |
| Description | This value set includes sample Service Modifier codes which may suport differential payment. |
| Copyright | This is an example set. |
| Content | **Side of the Road:** Services provided on the side of the raod or such other non-conventional setting. |
|  | **After hours:** Services provided outside or normal business hours. |

## ValueSet: Example Service Modifier Codes

|  |  |
| --- | --- |
| Name | Example Service Modifier Codes (Example Service Modifier Codes) |
| Description | This value set includes sample Service Modifier codes. |
| Copyright | This is an example set. |

## ValueSet: Example Service Place Codes

|  |  |
| --- | --- |
| Name | Example Service Place Codes (Example Service Place Codes) |
| Description | This value set includes a smattering of Service Place codes. |
| Copyright | This is an example set. |
| Content | **Pharmacy:** A facility or location where drugs and other medically related items and services are sold, dispensed, or otherwise provided directly to patients. |
|  | **School:** A facility whose primary purpose is education. |
|  | **Homeless Shelter:** A facility or location whose primary purpose is to provide temporary housing to homeless individuals (e.g., emergency shelters, individual or family shelters). |
|  | **Indian Health Service Free-standing Facility:** A facility or location, owned and operated by the Indian Health Service, which provides diagnostic, therapeutic (surgical and nonsurgical), and rehabilitation services to American Indians and Alaska Natives who do not require hospitalization. |
|  | **Indian Health Service Provider-based Facility:** A facility or location, owned and operated by the Indian Health Service, which provides diagnostic, therapeutic (surgical and nonsurgical), and rehabilitation services rendered by, or under the supervision of, physicians to American Indians and Alaska Natives admitted as inpatients or outpatients. |
|  | **Tribal 638 Free-Standing Facility:** A facility or location owned and operated by a federally recognized American Indian or Alaska Native tribe or tribal organization under a 638 agreement, which provides diagnostic, therapeutic (surgical and nonsurgical), and rehabilitation services to tribal members who do not require hospitalization. |
|  | **Tribal 638 Provider-Based Facility:** A facility or location owned and operated by a federally recognized American Indian or Alaska Native tribe or tribal organization under a 638 agreement, which provides diagnostic, therapeutic (surgical and nonsurgical), and rehabilitation services to tribal members admitted as inpatients or outpatients. |
|  | **Prison/Correctional Facility:** A prison, jail, reformatory, work farm, detention center, or any other similar facility maintained by either Federal, State or local authorities for the purpose of confinement or rehabilitation of adult or juvenile criminal offenders. |
|  | **Office:** Location, other than a hospital, skilled nursing facility (SNF), military treatment facility, community health center, State or local public health clinic, or intermediate care facility (ICF), where the health professional routinely provides health examinations, diagnosis, and treatment of illness or injury on an ambulatory basis. |
|  | **Home:** Location, other than a hospital or other facility, where the patient receives care in a private residence. |
|  | **Assisted Living Fa:** Congregate residential facility with self-contained living units providing assessment of each resident's needs and on-site support 24 hours a day, 7 days a week, with the capacity to deliver or arrange for services including some health care and other services. |
|  | **Group Home:** A residence, with shared living areas, where clients receive supervision and other services such as social and/or behavioral services, custodial service, and minimal services (e.g., medication administration). |
|  | **Mobile Unit:** A facility/unit that moves from place-to-place equipped to provide preventive, screening, diagnostic, and/or treatment services. |
|  | **Off Campus-Outpatient Hospital:** portion of an off-campus hospital provider based department which provides diagnostic, therapeutic (both surgical and nonsurgical), and rehabilitation services to sick or injured persons who do not require hospitalization or institutionalization. |
|  | **Urgent Care Facility:** Location, distinct from a hospital emergency room, an office, or a clinic, whose purpose is to diagnose and treat illness or injury for unscheduled, ambulatory patients seeking immediate medical attention. |
|  | **Inpatient Hospital:** A facility, other than psychiatric, which primarily provides diagnostic, therapeutic (both surgical and nonsurgical), and rehabilitation services by, or under, the supervision of physicians to patients admitted for a variety of medical conditions. |
|  | **Ambulanceâ€”Land:** A land vehicle specifically designed, equipped and staffed for lifesaving and transporting the sick or injured. |

## ValueSet: Example Service Place Codes

|  |  |
| --- | --- |
| Name | Example Service Place Codes (Example Service Place Codes) |
| Description | This value set includes a smattering of Service Place codes. |
| Copyright | This is an example set. |

## ValueSet: Example Service/Product Codes

|  |  |
| --- | --- |
| Name | Example Service/Product Codes (Example Service/ Product Codes) |
| Description | This value set includes a smattering of Service/Product codes. |
| Copyright | This is an example set. |
| Content | **Exam:** Exam |
|  | **Flu shot:** Flu shot |

## ValueSet: Example Service/Product Codes

|  |  |
| --- | --- |
| Name | Example Service/Product Codes (Example Service/ Product Codes) |
| Description | This value set includes a smattering of Service/Product codes. |
| Copyright | This is an example set. |

## ValueSet: Example Vision Prescription Product Codes

|  |  |
| --- | --- |
| Name | Example Vision Prescription Product Codes (Example Vision Prescription Product Codes) |
| Description | This value set includes a smattering of Prescription Product codes. |
| Copyright | This is an example set. |
| Content | **Lens:** A lens to be fitted to a frame to comprise a pair of glasses. |
|  | **Contact Lens:** A lens to be fitted for wearing directly on an eye. |

## ValueSet: Example Vision Prescription Product Codes

|  |  |
| --- | --- |
| Name | Example Vision Prescription Product Codes (Example Vision Prescription Product Codes) |
| Description | This value set includes a smattering of Prescription Product codes. |
| Copyright | This is an example set. |

## ValueSet: Exception Codes

|  |  |
| --- | --- |
| Name | Exception Codes (Exception Codes) |
| Description | This value set includes sample Exception codes. |
| Copyright | This is an example set. |
| Content | **Student (Fulltime):** Fulltime Student |
|  | **Disabled:** Disabled |

## ValueSet: Exception Codes

|  |  |
| --- | --- |
| Name | Exception Codes (Exception Codes) |
| Description | This value set includes sample Exception codes. |
| Copyright | This is an example set. |

## ValueSet: FM Condition Codes

|  |  |
| --- | --- |
| Name | FM Condition Codes (F M Condition Codes) |
| Description | This value set includes sample Conditions codes. |
| Copyright | This is an example set. |
| Content | **Headache:** Headache |

## ValueSet: FM Condition Codes

|  |  |
| --- | --- |
| Name | FM Condition Codes (F M Condition Codes) |
| Description | This value set includes sample Conditions codes. |
| Copyright | This is an example set. |

## ValueSet: Financial Resource Status Codes

|  |  |
| --- | --- |
| Name | Financial Resource Status Codes (Financial Resource Status Codes) |
| Description | This value set includes STatus codes. |
| Copyright | HL7 International. |
| Content | **Active:** The instance is currently in-force. |
|  | **Cancelled:** The instance is withdrawn, rescinded or reversed. |
|  | **Draft:** A new instance the contents of which is not complete. |
|  | **Entered in Error:** The instance was entered in error. |

## ValueSet: Financial Resource Status Codes

|  |  |
| --- | --- |
| Name | Financial Resource Status Codes (Financial Resource Status Codes) |
| Description | This value set includes STatus codes. |
| Copyright | HL7 International. |

## ValueSet: Form Codes

|  |  |
| --- | --- |
| Name | Form Codes (Form Codes) |
| Description | This value set includes a sample set of Forms codes. |
| Copyright | This is an example set. |
| Content | **Form #1:** Example: The #1 form to be used when printing this information. |
|  | **Form #1:** Example: The #2 form to be used when printing this information. |

## ValueSet: Form Codes

|  |  |
| --- | --- |
| Name | Form Codes (Form Codes) |
| Description | This value set includes a sample set of Forms codes. |
| Copyright | This is an example set. |

## ValueSet: Funds Reservation Codes

|  |  |
| --- | --- |
| Name | Funds Reservation Codes (Funds Reservation Codes) |
| Description | This value set includes sample funds reservation type codes. |
| Copyright | This is an example set. |
| Content | **Patient:** The payor is requested to reserve funds for the provision of the named services by any provider for settlement of future claims related to this request. |
|  | **Provider:** The payor is requested to reserve funds solely for the named provider for settlement of future claims related to this request. |
|  | **None:** The payor is not being requested to reserve any funds for the settlement of future claims. |

## ValueSet: Funds Reservation Codes

|  |  |
| --- | --- |
| Name | Funds Reservation Codes (Funds Reservation Codes) |
| Description | This value set includes sample funds reservation type codes. |
| Copyright | This is an example set. |

## ValueSet: ICD-10 Codes

|  |  |
| --- | --- |
| Name | ICD-10 Codes (I C D-10 Codes) |
| Description | This value set includes sample ICD-10 codes. |
| Copyright | This is an example set. |

## ValueSet: ICD-10 Procedure Codes

|  |  |
| --- | --- |
| Name | ICD-10 Procedure Codes (I C D-10 Procedure Codes) |
| Description | This value set includes sample ICD-10 Procedure codes. |
| Copyright | This is an example set. |
| Content | **PROC-1:** Procedure 1 |
|  | **PROC-2:** Procedure 2 |
|  | **PROC-3:** Procedure 3 |

## ValueSet: ICD-10 Procedure Codes

|  |  |
| --- | --- |
| Name | ICD-10 Procedure Codes (I C D-10 Procedure Codes) |
| Description | This value set includes sample ICD-10 Procedure codes. |
| Copyright | This is an example set. |

## ValueSet: Intervention Codes

|  |  |
| --- | --- |
| Name | Intervention Codes (Intervention Codes) |
| Description | This value set includes sample Intervention codes. |
| Copyright | This is an example set. |
| Content | **Unknown:** Unknown |
|  | **Other:** Other |

## ValueSet: Intervention Codes

|  |  |
| --- | --- |
| Name | Intervention Codes (Intervention Codes) |
| Description | This value set includes sample Intervention codes. |
| Copyright | This is an example set. |

## ValueSet: Missing Tooth Reason Codes

|  |  |
| --- | --- |
| Name | Missing Tooth Reason Codes (Missing Tooth Reason Codes) |
| Description | This value set includes sample Missing Tooth Reason codes. |
| Copyright | This is an example set. |
| Content | **E:** Extraction |
|  | **C:** Congenital |
|  | **U:** Unknown |
|  | **O:** Other |

## ValueSet: Missing Tooth Reason Codes

|  |  |
| --- | --- |
| Name | Missing Tooth Reason Codes (Missing Tooth Reason Codes) |
| Description | This value set includes sample Missing Tooth Reason codes. |
| Copyright | This is an example set. |

## ValueSet: Modifier type Codes

|  |  |
| --- | --- |
| Name | Modifier type Codes (Modifier type Codes) |
| Description | This value set includes sample Modifier type codes. |
| Copyright | This is an example set. |
| Content | **Repair of prior service or installation:** Repair of prior service or installation. |
|  | **Temporary service or installation:** Temporary service or installation. |
|  | **TMJ treatment:** Treatment associated with TMJ. |
|  | **Implant or associated with an implant:** Implant or associated with an implant. |
|  | **Rush or Outside of office hours:** A Rush service or service performed outside of normal office hours. |
|  | **None:** None. |

## ValueSet: Modifier type Codes

|  |  |
| --- | --- |
| Name | Modifier type Codes (Modifier type Codes) |
| Description | This value set includes sample Modifier type codes. |
| Copyright | This is an example set. |

## ValueSet: Network Type Codes

|  |  |
| --- | --- |
| Name | Network Type Codes (Network Type Codes) |
| Description | This value set includes a smattering of Network type codes. |
| Copyright | This is an example set. |
| Content | **In Network:** Services rendered by a Network provider |
|  | **Out of Network:** Services rendered by a provider who is not in the Network |

## ValueSet: Network Type Codes

|  |  |
| --- | --- |
| Name | Network Type Codes (Network Type Codes) |
| Description | This value set includes a smattering of Network type codes. |
| Copyright | This is an example set. |

## ValueSet: Oral Prostho Material type Codes

|  |  |
| --- | --- |
| Name | Oral Prostho Material type Codes (Oral Prostho Material type Codes) |
| Description | This value set includes sample Oral Prosthodontic Material type codes. |
| Copyright | This is an example set. |
| Content | **Fixed Bridge:** Fixed Bridge |
|  | **Maryland Bridge:** Maryland Bridge |
|  | **Denture Acrylic:** Denture Acrylic |
|  | **Denture Chrome Cobalt:** Denture Chrome Cobalt |

## ValueSet: Oral Prostho Material type Codes

|  |  |
| --- | --- |
| Name | Oral Prostho Material type Codes (Oral Prostho Material type Codes) |
| Description | This value set includes sample Oral Prosthodontic Material type codes. |
| Copyright | This is an example set. |

## ValueSet: Oral Site Codes

|  |  |
| --- | --- |
| Name | Oral Site Codes (Oral Site Codes) |
| Description | This value set includes a smattering of FDI oral site codes. |
| Copyright | This is an example set. |
| Content | **Oral cavity:** Oral cavity. |
|  | **1:** Permanent teeth Maxillary right. |
|  | **2:** Permanent teeth Maxillary left. |
|  | **3:** Permanent teeth Mandibular right. |
|  | **4:** Permanent teeth Mandibular left. |
|  | **5:** Deciduous teeth Maxillary right. |
|  | **6:** Deciduous teeth Maxillary left. |
|  | **7:** Deciduous teeth Mandibular right. |
|  | **8:** Deciduous teeth Mandibular left. |
|  | **11:** Upper Right Tooth 1 from the central axis, permanent dentition. |
|  | **12:** Upper Right Tooth 2 from the central axis, permanent dentition. |
|  | **13:** Upper Right Tooth 3 from the central axis, permanent dentition. |
|  | **14:** Upper Right Tooth 4 from the central axis, permanent dentition. |
|  | **15:** Upper Right Tooth 5 from the central axis, permanent dentition. |
|  | **16:** Upper Right Tooth 6 from the central axis, permanent dentition. |
|  | **17:** Upper Right Tooth 7 from the central axis, permanent dentition. |
|  | **18:** Upper Right Tooth 8 from the central axis, permanent dentition. |
|  | **21:** Upper Left Tooth 1 from the central axis, permanent dentition. |
|  | **22:** Upper Left Tooth 2 from the central axis, permanent dentition. |
|  | **23:** Upper Left Tooth 3 from the central axis, permanent dentition. |
|  | **24:** Upper Left Tooth 4 from the central axis, permanent dentition. |
|  | **25:** Upper Left Tooth 5 from the central axis, permanent dentition. |
|  | **26:** Upper Left Tooth 6 from the central axis, permanent dentition. |
|  | **27:** Upper Left Tooth 7 from the central axis, permanent dentition. |
|  | **28:** Upper Left Tooth 8 from the central axis, permanent dentition. |
|  | **31:** Lower Left Tooth 1 from the central axis, permanent dentition. |
|  | **32:** Lower Left Tooth 2 from the central axis, permanent dentition. |
|  | **33:** Lower Left Tooth 3 from the central axis, permanent dentition. |
|  | **34:** Lower Left Tooth 4 from the central axis, permanent dentition. |
|  | **35:** Lower Left Tooth 5 from the central axis, permanent dentition. |
|  | **36:** Lower Left Tooth 6 from the central axis, permanent dentition. |
|  | **37:** Lower Left Tooth 7 from the central axis, permanent dentition. |
|  | **38:** Lower Left Tooth 8 from the central axis, permanent dentition. |
|  | **41:** Lower Right Tooth 1 from the central axis, permanent dentition. |
|  | **42:** Lower Right Tooth 2 from the central axis, permanent dentition. |
|  | **43:** Lower Right Tooth 3 from the central axis, permanent dentition. |
|  | **44:** Lower Right Tooth 4 from the central axis, permanent dentition. |
|  | **45:** Lower Right Tooth 5 from the central axis, permanent dentition. |
|  | **46:** Lower Right Tooth 6 from the central axis, permanent dentition. |
|  | **47:** Lower Right Tooth 7 from the central axis, permanent dentition. |
|  | **48:** Lower Right Tooth 8 from the central axis, permanent dentition. |

## ValueSet: Oral Site Codes

|  |  |
| --- | --- |
| Name | Oral Site Codes (Oral Site Codes) |
| Description | This value set includes a smattering of FDI oral site codes. |
| Copyright | This is an example set. |

## ValueSet: Payment Adjustment Reason Codes

|  |  |
| --- | --- |
| Name | Payment Adjustment Reason Codes (Payment Adjustment Reason Codes) |
| Description | This value set includes smattering of Payment Adjustment Reason codes. |
| Copyright | This is an example set. |
| Content | **Prior Payment Reversal:** Prior Payment Reversal |
|  | **Prior Overpayment:** Prior Overpayment |

## ValueSet: Payment Adjustment Reason Codes

|  |  |
| --- | --- |
| Name | Payment Adjustment Reason Codes (Payment Adjustment Reason Codes) |
| Description | This value set includes smattering of Payment Adjustment Reason codes. |
| Copyright | This is an example set. |

## ValueSet: Payment Status Codes

|  |  |
| --- | --- |
| Name | Payment Status Codes (Payment Status Codes) |
| Description | This value set includes a sample set of Payment Status codes. |
| Copyright | This is an example set. |
| Content | **Paid:** The payment has been sent physically or electronically. |
|  | **Cleared:** The payment has been received by the payee. |

## ValueSet: Payment Status Codes

|  |  |
| --- | --- |
| Name | Payment Status Codes (Payment Status Codes) |
| Description | This value set includes a sample set of Payment Status codes. |
| Copyright | This is an example set. |

## ValueSet: Payment Type Codes

|  |  |
| --- | --- |
| Name | Payment Type Codes (Payment Type Codes) |
| Description | This value set includes sample Payment Type codes. |
| Copyright | This is an example set. |
| Content | **Payment:** The amount is partial or complete settlement of the amounts due. |
|  | **Adjustment:** The amount is an adjustment regarding claims already paid. |
|  | **Advance:** The amount is an advance against future claims. |

## ValueSet: Payment Type Codes

|  |  |
| --- | --- |
| Name | Payment Type Codes (Payment Type Codes) |
| Description | This value set includes sample Payment Type codes. |
| Copyright | This is an example set. |

## ValueSet: Policyholder Relationship Codes

|  |  |
| --- | --- |
| Name | Policyholder Relationship Codes (Policyholder Relationship Codes) |
| Description | This value set includes codes for the relationship between the Policyholder and the Beneficiary (insured/covered party/patient).. |
| Copyright | This is an example set. |
| Content | **Child:** The Beneficiary is a child of the Policyholder |
|  | **Parent:** The Beneficiary is a parent of the Policyholder |
|  | **Spouse:** The Beneficiary is a spouse or equivalent of the Policyholder |
|  | **Common Law Spouse:** The Beneficiary is a common law spouse or equivalent of the Policyholder |
|  | **Other:** The Beneficiary has some other relationship the Policyholder |
|  | **Self:** The Beneficiary is the Policyholder |

## ValueSet: Policyholder Relationship Codes

|  |  |
| --- | --- |
| Name | Policyholder Relationship Codes (Policyholder Relationship Codes) |
| Description | This value set includes codes for the relationship between the Policyholder and the Beneficiary (insured/covered party/patient).. |
| Copyright | This is an example set. |

## ValueSet: Process Outcome Codes

|  |  |
| --- | --- |
| Name | Process Outcome Codes (Process Outcome Codes) |
| Description | This value set includes sample Process Outcome codes. |
| Copyright | This is an example set. |
| Content | **Complete:** The requested processing has completed. |
|  | **Pended:** The requested processing has been suspended. |
|  | **Error:** The requested processing has terminated with some errors being found. |

## ValueSet: Process Outcome Codes

|  |  |
| --- | --- |
| Name | Process Outcome Codes (Process Outcome Codes) |
| Description | This value set includes sample Process Outcome codes. |
| Copyright | This is an example set. |

## ValueSet: Process Priority Codes

|  |  |
| --- | --- |
| Name | Process Priority Codes (Process Priority Codes) |
| Description | This value set includes the financial processing priority codes. |
| Copyright | This is an example set. |
| Content | **Immediate:** Immediately in real time. |
|  | **Normal:** With best effort. |
|  | **Deferred:** Later, when possible. |

## ValueSet: Process Priority Codes

|  |  |
| --- | --- |
| Name | Process Priority Codes (Process Priority Codes) |
| Description | This value set includes the financial processing priority codes. |
| Copyright | This is an example set. |

## ValueSet: Surface Codes

|  |  |
| --- | --- |
| Name | Surface Codes (Surface Codes) |
| Description | This value set includes a smattering of FDI tooth surface codes. |
| Copyright | This is an example set. |
| Content | **Mesial:** The surface of a tooth that is closest to the midline (middle) of the face. |
|  | **Occlusal:** The chewing surface of posterior teeth. |
|  | **Incisal:** The biting edge of anterior teeth. |
|  | **Distal:** The surface of a tooth that faces away from the midline of the face. |
|  | **Buccal:** The surface of a posterior tooth facing the cheeks. |
|  | **Ventral:** The surface of a tooth facing the lips. |
|  | **Lingual:** The surface of a tooth facing the tongue. |
|  | **Mesioclusal:** The Mesioclusal surfaces of a tooth. |
|  | **Distoclusal:** The Distoclusal surfaces of a tooth. |
|  | **Distoincisal:** The Distoincisal surfaces of a tooth. |
|  | **Mesioclusodistal:** The Mesioclusodistal surfaces of a tooth. |

## ValueSet: Surface Codes

|  |  |
| --- | --- |
| Name | Surface Codes (Surface Codes) |
| Description | This value set includes a smattering of FDI tooth surface codes. |
| Copyright | This is an example set. |

## ValueSet: UDI Codes

|  |  |
| --- | --- |
| Name | UDI Codes (U D I Codes) |
| Description | This value set includes sample UDI codes. |
| Copyright | This is an example set. |
| Content | **GUDID (FDA):** GUDID (FDA) US Repository |

## ValueSet: UDI Codes

|  |  |
| --- | --- |
| Name | UDI Codes (U D I Codes) |
| Description | This value set includes sample UDI codes. |
| Copyright | This is an example set. |

## ValueSet: Unit Type Codes

|  |  |
| --- | --- |
| Name | Unit Type Codes (Unit Type Codes) |
| Description | This value set includes a smattering of Unit type codes. |
| Copyright | This is an example set. |
| Content | **Individual:** A single individual |
|  | **Family:** A family, typically includes self, spous(s) and children to a defined age |

## ValueSet: Unit Type Codes

|  |  |
| --- | --- |
| Name | Unit Type Codes (Unit Type Codes) |
| Description | This value set includes a smattering of Unit type codes. |
| Copyright | This is an example set. |

# HITSP

## ValueSet: Document Type Value Set

|  |  |
| --- | --- |
| Name | Document Type Value Set (Document Type Value Set) |
| Description | This is the code specifying the precise type of document (e.g. Pulmonary History and Physical, Discharge Summary, Ultrasound Report, etc.). The Document Type value set includes all LOINC values listed in HITSP C80 Table 2-144 Document Class Value Set Definition above used for Document Class, and all LOINC values whose SCALE is DOC in the LOINC database. |
| Copyright | This content from LOINCÂ® is copyright Â© 1995 Regenstrief Institute, Inc. and the LOINC Committee, and available at no cost under the license at http://loinc.org/terms-of-use. |

## ValueSet: Facility Type Code Value Set

|  |  |
| --- | --- |
| Name | Facility Type Code Value Set (Facility Type Code Value Set) |
| Description | This is the code representing the type of organizational setting where the clinical encounter, service, interaction, or treatment occurred. The value set used for Healthcare Facility Type has been defined by HITSP to be the value set reproduced from HITSP C80 Table 2-147. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: Practice Setting Code Value Set

|  |  |
| --- | --- |
| Name | Practice Setting Code Value Set (Practice Setting Code Value Set) |
| Description | This is the code representing the clinical specialty of the clinician or provider who interacted with, treated, or provided a service to/for the patient. The value set used for clinical specialty has been limited by HITSP to the value set reproduced from HITSP C80 Table 2-149 Clinical Specialty Value Set Definition. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

# HL7

## ValueSet: Document Section Codes

|  |  |
| --- | --- |
| Name | Document Section Codes (Document Section Codes) |
| Description | Document section codes (LOINC codes used in CCDA sections). |
| Copyright | This content from LOINCÂ® is copyright Â© 1995 Regenstrief Institute, Inc. and the LOINC Committee, and available at no cost under the license at http://loinc.org/terms-of-use. |

## ValueSet: FHIR Document Class Codes

|  |  |
| --- | --- |
| Name | FHIR Document Class Codes (F H I R Document Class Codes) |
| Description | LOINC codes for Document Kind, taken from the LOINC document ontology. |
| Copyright | This content from LOINCÂ® is copyright Â© 1995 Regenstrief Institute, Inc. and the LOINC Committee, and available at no cost under the license at http://loinc.org/terms-of-use. |

## ValueSet: FHIR Document Type Codes

|  |  |
| --- | --- |
| Name | FHIR Document Type Codes (F H I R Document Type Codes) |
| Description | FHIR Document Codes - all LOINC codes where scale type = 'DOC'. |
| Copyright | This content from LOINCÂ® is copyright Â© 1995 Regenstrief Institute, Inc. and the LOINC Committee, and available at no cost under the license at http://loinc.org/terms-of-use. |

# FHIR Project

## ValueSet: AbstractType

|  |  |
| --- | --- |
| Name | AbstractType (Abstract Type) |
| Description | A type defined by FHIR that is an abstract type |
| Content | **Type:** A place holder that means any kind of data type |
|  | **Any:** A place holder that means any kind of resource |

## ValueSet: AbstractType

|  |  |
| --- | --- |
| Name | AbstractType (Abstract Type) |
| Description | A type defined by FHIR that is an abstract type |

## ValueSet: AccountStatus

|  |  |
| --- | --- |
| Name | AccountStatus (Account Status) |
| Description | Indicates whether the account is available to be used. |
| Content | **Active:** This account is active and may be used. |
|  | **Inactive:** This account is inactive and should not be used to track financial information. |
|  | **Entered in error:** This instance should not have been part of this patient's medical record. |

## ValueSet: AccountStatus

|  |  |
| --- | --- |
| Name | AccountStatus (Account Status) |
| Description | Indicates whether the account is available to be used. |

## ValueSet: ActionCardinalityBehavior

|  |  |
| --- | --- |
| Name | ActionCardinalityBehavior (Action Cardinality Behavior) |
| Description | Defines behavior for an action or a group for how many times that item may be repeated |
| Content | **Single:** The action may only be selected one time |
|  | **Multiple:** The action may be selected multiple times |

## ValueSet: ActionCardinalityBehavior

|  |  |
| --- | --- |
| Name | ActionCardinalityBehavior (Action Cardinality Behavior) |
| Description | Defines behavior for an action or a group for how many times that item may be repeated |

## ValueSet: ActionConditionKind

|  |  |
| --- | --- |
| Name | ActionConditionKind (Action Condition Kind) |
| Description | Defines the kinds of conditions that can appear on actions |
| Content | **Applicability:** The condition describes whether or not a given action is applicable |
|  | **Start:** The condition is a starting condition for the action |
|  | **Stop:** The condition is a stop, or exit condition for the action |

## ValueSet: ActionConditionKind

|  |  |
| --- | --- |
| Name | ActionConditionKind (Action Condition Kind) |
| Description | Defines the kinds of conditions that can appear on actions |

## ValueSet: ActionGroupingBehavior

|  |  |
| --- | --- |
| Name | ActionGroupingBehavior (Action Grouping Behavior) |
| Description | Defines organization behavior of a group |
| Content | **Visual Group:** Any group marked with this behavior should be displayed as a visual group to the end user |
|  | **Logical Group:** A group with this behavior logically groups its sub-elements, and may be shown as a visual group to the end user, but it is not required to do so |
|  | **Sentence Group:** A group of related alternative actions is a sentence group if the target referenced by the action is the same in all the actions and each action simply constitutes a different variation on how to specify the details for the target. For example, two actions that could be in a SentenceGroup are "aspirin, 500 mg, 2 times per day" and "aspirin, 300 mg, 3 times per day". In both cases, aspirin is the target referenced by the action, and the two actions represent different options for how aspirin might be ordered for the patient. Note that a SentenceGroup would almost always have an associated selection behavior of "AtMostOne", unless it's a required action, in which case, it would be "ExactlyOne" |

## ValueSet: ActionGroupingBehavior

|  |  |
| --- | --- |
| Name | ActionGroupingBehavior (Action Grouping Behavior) |
| Description | Defines organization behavior of a group |

## ValueSet: ActionList

|  |  |
| --- | --- |
| Name | ActionList (Action List) |
| Description | List of allowable action which this resource can request. |
| Content | **Cancel, Reverse or Nullify:** Cancel, reverse or nullify the target resource. |
|  | **Poll:** Check for previously un-read/ not-retrieved resources. |
|  | **Re-Process:** Re-process the target resource. |
|  | **Status Check:** Retrieve the processing status of the target resource. |

## ValueSet: ActionList

|  |  |
| --- | --- |
| Name | ActionList (Action List) |
| Description | List of allowable action which this resource can request. |

## ValueSet: ActionParticipantRole

|  |  |
| --- | --- |
| Name | ActionParticipantRole (Action Participant Role) |
| Description | Either a practitioner role or a relationship type. |

## ValueSet: ActionParticipantType

|  |  |
| --- | --- |
| Name | ActionParticipantType (Action Participant Type) |
| Description | The type of participant for the action |
| Content | **Patient:** The participant is the patient under evaluation |
|  | **Practitioner:** The participant is a practitioner involved in the patient's care |
|  | **Related Person:** The participant is a person related to the patient |

## ValueSet: ActionParticipantType

|  |  |
| --- | --- |
| Name | ActionParticipantType (Action Participant Type) |
| Description | The type of participant for the action |

## ValueSet: ActionPrecheckBehavior

|  |  |
| --- | --- |
| Name | ActionPrecheckBehavior (Action Precheck Behavior) |
| Description | Defines selection frequency behavior for an action or group |
| Content | **Yes:** An action with this behavior is one of the most frequent action that is, or should be, included by an end user, for the particular context in which the action occurs. The system displaying the action to the end user should consider "pre-checking" such an action as a convenience for the user |
|  | **No:** An action with this behavior is one of the less frequent actions included by the end user, for the particular context in which the action occurs. The system displaying the actions to the end user would typically not "pre-check" such an action |

## ValueSet: ActionPrecheckBehavior

|  |  |
| --- | --- |
| Name | ActionPrecheckBehavior (Action Precheck Behavior) |
| Description | Defines selection frequency behavior for an action or group |

## ValueSet: ActionRelationshipType

|  |  |
| --- | --- |
| Name | ActionRelationshipType (Action Relationship Type) |
| Description | Defines the types of relationships between actions |
| Content | **Before Start:** The action must be performed before the start of the related action |
|  | **Before:** The action must be performed before the related action |
|  | **Before End:** The action must be performed before the end of the related action |
|  | **Concurrent With Start:** The action must be performed concurrent with the start of the related action |
|  | **Concurrent:** The action must be performed concurrent with the related action |
|  | **Concurrent With End:** The action must be performed concurrent with the end of the related action |
|  | **After Start:** The action must be performed after the start of the related action |
|  | **After:** The action must be performed after the related action |
|  | **After End:** The action must be performed after the end of the related action |

## ValueSet: ActionRelationshipType

|  |  |
| --- | --- |
| Name | ActionRelationshipType (Action Relationship Type) |
| Description | Defines the types of relationships between actions |

## ValueSet: ActionRequiredBehavior

|  |  |
| --- | --- |
| Name | ActionRequiredBehavior (Action Required Behavior) |
| Description | Defines requiredness behavior for selecting an action or an action group |
| Content | **Must:** An action with this behavior must be included in the actions processed by the end user; the end user may not choose not to include this action |
|  | **Could:** An action with this behavior may be included in the set of actions processed by the end user |
|  | **Must Unless Documented:** An action with this behavior must be included in the set of actions processed by the end user, unless the end user provides documentation as to why the action was not included |

## ValueSet: ActionRequiredBehavior

|  |  |
| --- | --- |
| Name | ActionRequiredBehavior (Action Required Behavior) |
| Description | Defines requiredness behavior for selecting an action or an action group |

## ValueSet: ActionSelectionBehavior

|  |  |
| --- | --- |
| Name | ActionSelectionBehavior (Action Selection Behavior) |
| Description | Defines selection behavior of a group |
| Content | **Any:** Any number of the actions in the group may be chosen, from zero to all |
|  | **All:** All the actions in the group must be selected as a single unit |
|  | **All Or None:** All the actions in the group are meant to be chosen as a single unit: either all must be selected by the end user, or none may be selected |
|  | **Exactly One:** The end user must choose one and only one of the selectable actions in the group. The user may not choose none of the actions in the group |
|  | **At Most One:** The end user may choose zero or at most one of the actions in the group |
|  | **One Or More:** The end user must choose a minimum of one, and as many additional as desired |

## ValueSet: ActionSelectionBehavior

|  |  |
| --- | --- |
| Name | ActionSelectionBehavior (Action Selection Behavior) |
| Description | Defines selection behavior of a group |

## ValueSet: ActionType

|  |  |
| --- | --- |
| Name | ActionType (Action Type) |
| Description | The type of action to be performed |
| Content | **Create:** The action is to create a new resource |
|  | **Update:** The action is to update an existing resource |
|  | **Remove:** The action is to remove an existing resource |
|  | **Fire Event:** The action is to fire a specific event |

## ValueSet: ActionType

|  |  |
| --- | --- |
| Name | ActionType (Action Type) |
| Description | The type of action to be performed |

## ValueSet: ActivityDefinitionCategory

|  |  |
| --- | --- |
| Name | ActivityDefinitionCategory (Activity Definition Category) |
| Description | High-level categorization of the type of activity in a protocol. |
| Content | **Treatment:** The activity is intended to provide or is related to treatment of the patient |
|  | **Education:** The activity is intended to provide or is related to education of the patient |
|  | **Assessment:** The activity is intended to perform or is related to assessment of the patient |

## ValueSet: ActivityDefinitionCategory

|  |  |
| --- | --- |
| Name | ActivityDefinitionCategory (Activity Definition Category) |
| Description | High-level categorization of the type of activity in a protocol. |

## ValueSet: AddressType

|  |  |
| --- | --- |
| Name | AddressType (Address Type) |
| Description | The type of an address (physical / postal) |
| Content | **Postal:** Mailing addresses - PO Boxes and care-of addresses. |
|  | **Physical:** A physical address that can be visited. |
|  | **Postal & Physical:** An address that is both physical and postal. |

## ValueSet: AddressType

|  |  |
| --- | --- |
| Name | AddressType (Address Type) |
| Description | The type of an address (physical / postal) |

## ValueSet: AddressUse

|  |  |
| --- | --- |
| Name | AddressUse (Address Use) |
| Description | The use of an address |
| Content | **Home:** A communication address at a home. |
|  | **Work:** An office address. First choice for business related contacts during business hours. |
|  | **Temporary:** A temporary address. The period can provide more detailed information. |
|  | **Old / Incorrect:** This address is no longer in use (or was never correct, but retained for records). |

## ValueSet: AddressUse

|  |  |
| --- | --- |
| Name | AddressUse (Address Use) |
| Description | The use of an address |

## ValueSet: AdministrativeGender

|  |  |
| --- | --- |
| Name | AdministrativeGender (Administrative Gender) |
| Description | The gender of a person used for administrative purposes. |

## ValueSet: AdverseEventCategory

|  |  |
| --- | --- |
| Name | AdverseEventCategory (Adverse Event Category) |
| Description | Overall categorisation of the event e.g. real or potential |
| Content | **Adverse Event:** |
|  | **Potential Adverse Event:** |

## ValueSet: AdverseEventCategory

|  |  |
| --- | --- |
| Name | AdverseEventCategory (Adverse Event Category) |
| Description | Overall categorisation of the event e.g. real or potential |

## ValueSet: AdverseEventCausality

|  |  |
| --- | --- |
| Name | AdverseEventCausality (Adverse Event Causality) |
| Description | TODO |
| Content | **causality1 placeholder:** |
|  | **causality2 placeholder:** |

## ValueSet: AdverseEventCausality

|  |  |
| --- | --- |
| Name | AdverseEventCausality (Adverse Event Causality) |
| Description | TODO |

## ValueSet: AdverseEventCausalityAssessment

|  |  |
| --- | --- |
| Name | AdverseEventCausalityAssessment (Adverse Event Causality Assessment) |
| Description | TODO |
| Content | **assess1 placeholder:** |
|  | **assess2 placeholder:** |

## ValueSet: AdverseEventCausalityAssessment

|  |  |
| --- | --- |
| Name | AdverseEventCausalityAssessment (Adverse Event Causality Assessment) |
| Description | TODO |

## ValueSet: AdverseEventCausalityMethod

|  |  |
| --- | --- |
| Name | AdverseEventCausalityMethod (Adverse Event Causality Method) |
| Description | TODO |
| Content | **placeholder:** |
|  | **placeholder:** |

## ValueSet: AdverseEventCausalityMethod

|  |  |
| --- | --- |
| Name | AdverseEventCausalityMethod (Adverse Event Causality Method) |
| Description | TODO |

## ValueSet: AdverseEventCausalityResult

|  |  |
| --- | --- |
| Name | AdverseEventCausalityResult (Adverse Event Causality Result) |
| Description | TODO |
| Content | **placeholder:** |
|  | **placeholder:** |

## ValueSet: AdverseEventCausalityResult

|  |  |
| --- | --- |
| Name | AdverseEventCausalityResult (Adverse Event Causality Result) |
| Description | TODO |

## ValueSet: AdverseEventOutcome

|  |  |
| --- | --- |
| Name | AdverseEventOutcome (Adverse Event Outcome) |
| Description | TODO (and should this be required?) |
| Content | **Resolved:** |
|  | **Recovering:** |
|  | **Ongoing:** |
|  | **Resolved with Sequelae:** |
|  | **Fatal:** |
|  | **Unknown:** |

## ValueSet: AdverseEventOutcome

|  |  |
| --- | --- |
| Name | AdverseEventOutcome (Adverse Event Outcome) |
| Description | TODO (and should this be required?) |

## ValueSet: AdverseEventSeriousness

|  |  |
| --- | --- |
| Name | AdverseEventSeriousness (Adverse Event Seriousness) |
| Description | Overall seriousness of this event for the patient |
| Content | **Mild:** |
|  | **Moderate:** |
|  | **Severe:** |

## ValueSet: AdverseEventSeriousness

|  |  |
| --- | --- |
| Name | AdverseEventSeriousness (Adverse Event Seriousness) |
| Description | Overall seriousness of this event for the patient |

## ValueSet: AggregationMode

|  |  |
| --- | --- |
| Name | AggregationMode (Aggregation Mode) |
| Description | How resource references can be aggregated. |
| Content | **Contained:** The reference is a local reference to a contained resource. |
|  | **Referenced:** The reference to a resource that has to be resolved externally to the resource that includes the reference. |
|  | **Bundled:** The resource the reference points to will be found in the same bundle as the resource that includes the reference. |

## ValueSet: AggregationMode

|  |  |
| --- | --- |
| Name | AggregationMode (Aggregation Mode) |
| Description | How resource references can be aggregated. |

## ValueSet: AllergyIntoleranceCategory

|  |  |
| --- | --- |
| Name | AllergyIntoleranceCategory (Allergy Intolerance Category) |
| Description | Category of an identified substance. |
| Content | **Food:** Any substance consumed to provide nutritional support for the body. |
|  | **Medication:** Substances administered to achieve a physiological effect. |
|  | **Environment:** Any substances that are encountered in the environment, including any substance not already classified as food, medication, or biologic. |
|  | **Biologic:** A preparation that is synthesized from living organisms or their products, especially a human or animal protein, such as a hormone or antitoxin, that is used as a diagnostic, preventive, or therapeutic agent. Examples of biologic medications include: vaccines; allergenic extracts, which are used for both diagnosis and treatment (for example, allergy shots); gene therapies; cellular therapies. There are other biologic products, such as tissues, that are not typically associated with allergies. |

## ValueSet: AllergyIntoleranceCategory

|  |  |
| --- | --- |
| Name | AllergyIntoleranceCategory (Allergy Intolerance Category) |
| Description | Category of an identified substance. |

## ValueSet: AllergyIntoleranceCertainty

|  |  |
| --- | --- |
| Name | AllergyIntoleranceCertainty (Allergy Intolerance Certainty) |
| Description | Statement about the degree of clinical certainty that a specific substance was the cause of the manifestation in an reaction event. |
| Content | **Unlikely:** There is a low level of clinical certainty that the reaction was caused by the identified substance. |
|  | **Likely:** There is a high level of clinical certainty that the reaction was caused by the identified substance. |
|  | **Confirmed:** There is a very high level of clinical certainty that the reaction was due to the identified substance, which may include clinical evidence by testing or rechallenge. |
|  | **Unknown:** The clinical certainty that the reaction was caused by the identified substance is unknown. It is an explicit assertion that certainty is not known. |

## ValueSet: AllergyIntoleranceCertainty

|  |  |
| --- | --- |
| Name | AllergyIntoleranceCertainty (Allergy Intolerance Certainty) |
| Description | Statement about the degree of clinical certainty that a specific substance was the cause of the manifestation in an reaction event. |

## ValueSet: AllergyIntoleranceClinicalStatus

|  |  |
| --- | --- |
| Name | AllergyIntoleranceClinicalStatus (Allergy Intolerance Clinical Status) |
| Description | The clinical status of the allergy or intolerance. |
| Content | **Active:** An active record of a risk of a reaction to the identified substance. |
|  | **Inactive:** An inactivated record of a risk of a reaction to the identified substance. |
|  | **Resolved:** A reaction to the identified substance has been clinically reassessed by testing or re-exposure and considered to be resolved. |

## ValueSet: AllergyIntoleranceClinicalStatus

|  |  |
| --- | --- |
| Name | AllergyIntoleranceClinicalStatus (Allergy Intolerance Clinical Status) |
| Description | The clinical status of the allergy or intolerance. |

## ValueSet: AllergyIntoleranceCriticality

|  |  |
| --- | --- |
| Name | AllergyIntoleranceCriticality (Allergy Intolerance Criticality) |
| Description | Estimate of the potential clinical harm, or seriousness, of a reaction to an identified substance. |
| Content | **Low Risk:** Worst case result of a future exposure is not assessed to be life-threatening or having high potential for organ system failure. |
|  | **High Risk:** Worst case result of a future exposure is assessed to be life-threatening or having high potential for organ system failure. |
|  | **Unable to Assess Risk:** Unable to assess the worst case result of a future exposure. |

## ValueSet: AllergyIntoleranceCriticality

|  |  |
| --- | --- |
| Name | AllergyIntoleranceCriticality (Allergy Intolerance Criticality) |
| Description | Estimate of the potential clinical harm, or seriousness, of a reaction to an identified substance. |

## ValueSet: AllergyIntoleranceSeverity

|  |  |
| --- | --- |
| Name | AllergyIntoleranceSeverity (Allergy Intolerance Severity) |
| Description | Clinical assessment of the severity of a reaction event as a whole, potentially considering multiple different manifestations. |
| Content | **Mild:** Causes mild physiological effects. |
|  | **Moderate:** Causes moderate physiological effects. |
|  | **Severe:** Causes severe physiological effects. |

## ValueSet: AllergyIntoleranceSeverity

|  |  |
| --- | --- |
| Name | AllergyIntoleranceSeverity (Allergy Intolerance Severity) |
| Description | Clinical assessment of the severity of a reaction event as a whole, potentially considering multiple different manifestations. |

## ValueSet: AllergyIntoleranceSubstanceExposureRisk

|  |  |
| --- | --- |
| Name | AllergyIntoleranceSubstanceExposureRisk (Allergy Intolerance Substance Exposure Risk) |
| Description | The risk of an adverse reaction (allergy or intolerance) for this patient upon xposure to the substance (including pharmaceutical products). |
| Content | **Known Reaction Risk:** Known risk of allergy or intolerance reaction upon exposure to the specified substance. |
|  | **No Known Reaction Risk:** No known risk of allergy or intolerance reaction upon exposure to the specified substance. |

## ValueSet: AllergyIntoleranceSubstanceExposureRisk

|  |  |
| --- | --- |
| Name | AllergyIntoleranceSubstanceExposureRisk (Allergy Intolerance Substance Exposure Risk) |
| Description | The risk of an adverse reaction (allergy or intolerance) for this patient upon xposure to the substance (including pharmaceutical products). |

## ValueSet: AllergyIntoleranceType

|  |  |
| --- | --- |
| Name | AllergyIntoleranceType (Allergy Intolerance Type) |
| Description | Identification of the underlying physiological mechanism for a Reaction Risk. |
| Content | **Allergy:** A propensity for hypersensitivity reaction(s) to a substance. These reactions are most typically type I hypersensitivity, plus other "allergy-like" reactions, including pseudoallergy. |
|  | **Intolerance:** A propensity for adverse reactions to a substance that is not judged to be allergic or "allergy-like". These reactions are typically (but not necessarily) non-immune. They are to some degree idiosyncratic and/or individually specific (i.e. are not a reaction that is expected to occur with most or all patients given similar circumstances). |

## ValueSet: AllergyIntoleranceType

|  |  |
| --- | --- |
| Name | AllergyIntoleranceType (Allergy Intolerance Type) |
| Description | Identification of the underlying physiological mechanism for a Reaction Risk. |

## ValueSet: AllergyIntoleranceVerificationStatus

|  |  |
| --- | --- |
| Name | AllergyIntoleranceVerificationStatus (Allergy Intolerance Verification Status) |
| Description | Assertion about certainty associated with a propensity, or potential risk, of a reaction to the identified substance. |
| Content | **Unconfirmed:** A low level of certainty about the propensity for a reaction to the identified substance. |
|  | **Confirmed:** A high level of certainty about the propensity for a reaction to the identified substance, which may include clinical evidence by testing or rechallenge. |
|  | **Refuted:** A propensity for a reaction to the identified substance has been disproven with a high level of clinical certainty, which may include testing or rechallenge, and is refuted. |
|  | **Entered In Error:** The statement was entered in error and is not valid. |

## ValueSet: AllergyIntoleranceVerificationStatus

|  |  |
| --- | --- |
| Name | AllergyIntoleranceVerificationStatus (Allergy Intolerance Verification Status) |
| Description | Assertion about certainty associated with a propensity, or potential risk, of a reaction to the identified substance. |

## ValueSet: AppointmentStatus

|  |  |
| --- | --- |
| Name | AppointmentStatus (Appointment Status) |
| Description | The free/busy status of an appointment. |
| Content | **Proposed:** None of the participant(s) have finalized their acceptance of the appointment request, and the start/end time may not be set yet. |
|  | **Pending:** Some or all of the participant(s) have not finalized their acceptance of the appointment request. |
|  | **Booked:** All participant(s) have been considered and the appointment is confirmed to go ahead at the date/times specified. |
|  | **Arrived:** Some of the patients have arrived. |
|  | **Fulfilled:** This appointment has completed and may have resulted in an encounter. |
|  | **Cancelled:** The appointment has been cancelled. |
|  | **No Show:** Some or all of the participant(s) have not/did not appear for the appointment (usually the patient). |
|  | **Entered in error:** This instance should not have been part of this patient's medical record. |

## ValueSet: AppointmentStatus

|  |  |
| --- | --- |
| Name | AppointmentStatus (Appointment Status) |
| Description | The free/busy status of an appointment. |

## ValueSet: AssertionDirectionType

|  |  |
| --- | --- |
| Name | AssertionDirectionType (Assertion Direction Type) |
| Description | The type of direction to use for assertion. |
| Content | **response:** The assertion is evaluated on the response. This is the default value. |
|  | **request:** The assertion is evaluated on the request. |

## ValueSet: AssertionDirectionType

|  |  |
| --- | --- |
| Name | AssertionDirectionType (Assertion Direction Type) |
| Description | The type of direction to use for assertion. |

## ValueSet: AssertionOperatorType

|  |  |
| --- | --- |
| Name | AssertionOperatorType (Assertion Operator Type) |
| Description | The type of operator to use for assertion. |
| Content | **equals:** Default value. Equals comparison. |
|  | **notEquals:** Not equals comparison. |
|  | **in:** Compare value within a known set of values. |
|  | **notIn:** Compare value not within a known set of values. |
|  | **greaterThan:** Compare value to be greater than a known value. |
|  | **lessThan:** Compare value to be less than a known value. |
|  | **empty:** Compare value is empty. |
|  | **notEmpty:** Compare value is not empty. |
|  | **contains:** Compare value string contains a known value. |
|  | **notContains:** Compare value string does not contain a known value. |
|  | **evaluate:** Evaluate the fluentpath expression as a boolean condition. |

## ValueSet: AssertionOperatorType

|  |  |
| --- | --- |
| Name | AssertionOperatorType (Assertion Operator Type) |
| Description | The type of operator to use for assertion. |

## ValueSet: AssertionResponseTypes

|  |  |
| --- | --- |
| Name | AssertionResponseTypes (Assertion Response Types) |
| Description | The type of response code to use for assertion. |
| Content | **okay:** Response code is 200. |
|  | **created:** Response code is 201. |
|  | **noContent:** Response code is 204. |
|  | **notModified:** Response code is 304. |
|  | **bad:** Response code is 400. |
|  | **forbidden:** Response code is 403. |
|  | **notFound:** Response code is 404. |
|  | **methodNotAllowed:** Response code is 405. |
|  | **conflict:** Response code is 409. |
|  | **gone:** Response code is 410. |
|  | **preconditionFailed:** Response code is 412. |
|  | **unprocessable:** Response code is 422. |

## ValueSet: AssertionResponseTypes

|  |  |
| --- | --- |
| Name | AssertionResponseTypes (Assertion Response Types) |
| Description | The type of response code to use for assertion. |

## ValueSet: AuditEventAction

|  |  |
| --- | --- |
| Name | AuditEventAction (Audit Event Action) |
| Description | Indicator for type of action performed during the event that generated the audit. |
| Content | **Create:** Create a new database object, such as placing an order. |
|  | **Read/View/Print:** Display or print data, such as a doctor census. |
|  | **Update:** Update data, such as revise patient information. |
|  | **Delete:** Delete items, such as a doctor master file record. |
|  | **Execute:** Perform a system or application function such as log-on, program execution or use of an object's method, or perform a query/search operation. |

## ValueSet: AuditEventAction

|  |  |
| --- | --- |
| Name | AuditEventAction (Audit Event Action) |
| Description | Indicator for type of action performed during the event that generated the audit. |
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## ValueSet: AuditEventAgentNetworkType

|  |  |
| --- | --- |
| Name | AuditEventAgentNetworkType (Audit Event Agent Network Type) |
| Description | The type of network access point of this agent in the audit event |
| Content | **Machine Name:** The machine name, including DNS name. |
|  | **IP Address:** The assigned Internet Protocol (IP) address. |
|  | **Telephone Number:** The assigned telephone number. |
|  | **Email address:** The assigned email address. |
|  | **URI:** URI (User directory, HTTP-PUT, ftp, etc.). |

## ValueSet: AuditEventAgentNetworkType

|  |  |
| --- | --- |
| Name | AuditEventAgentNetworkType (Audit Event Agent Network Type) |
| Description | The type of network access point of this agent in the audit event |
| Copyright | These codes are excerpted from Digital Imaging and Communications in Medicine (DICOM) Standard, Part 16: Content Mapping Resource, Copyright Â© 2011 by the National Electrical Manufacturers Association. |

## ValueSet: AuditEventEntityRole

|  |  |
| --- | --- |
| Name | AuditEventEntityRole (Audit Event Entity Role) |
| Description | Code representing the role the entity played in the event. |
| Content | **Patient:** This object is the patient that is the subject of care related to this event. It is identifiable by patient ID or equivalent. The patient may be either human or animal. |
|  | **Location:** This is a location identified as related to the event. This is usually the location where the event took place. Note that for shipping, the usual events are arrival at a location or departure from a location. |
|  | **Report:** This object is any kind of persistent document created as a result of the event. This could be a paper report, film, electronic report, DICOM Study, etc. Issues related to medical records life cycle management are conveyed elsewhere. |
|  | **Domain Resource:** A logical object related to a health record event. This is any healthcare specific resource (object) not restricted to FHIR defined Resources. |
|  | **Master file:** This is any configurable file used to control creation of documents. Examples include the objects maintained by the HL7 Master File transactions, Value Sets, etc. |
|  | **User:** A human participant not otherwise identified by some other category. |
|  | **List:** (deprecated) |
|  | **Doctor:** Typically a licensed person who is providing or performing care related to the event, generally a physician. The key distinction between doctor and practitioner is with regards to their role, not the licensing. The doctor is the human who actually performed the work. The practitioner is the human or organization that is responsible for the work. |
|  | **Subscriber:** A person or system that is being notified as part of the event. This is relevant in situations where automated systems provide notifications to other parties when an event took place. |
|  | **Guarantor:** Insurance company, or any other organization who accepts responsibility for paying for the healthcare event. |
|  | **Security User Entity:** A person or active system object involved in the event with a security role. |
|  | **Security User Group:** A person or system object involved in the event with the authority to modify security roles of other objects. |
|  | **Security Resource:** A passive object, such as a role table, that is relevant to the event. |
|  | **Security Granularity Definition:** (deprecated) Relevant to certain RBAC security methodologies. |
|  | **Practitioner:** Any person or organization responsible for providing care. This encompasses all forms of care, licensed or otherwise, and all sorts of teams and care groups. Note, the distinction between practitioners and the doctor that actually provided the care to the patient. |
|  | **Data Destination:** The source or destination for data transfer, when it does not match some other role. |
|  | **Data Repository:** A source or destination for data transfer that acts as an archive, database, or similar role. |
|  | **Schedule:** An object that holds schedule information. This could be an appointment book, availability information, etc. |
|  | **Customer:** An organization or person that is the recipient of services. This could be an organization that is buying services for a patient, or a person that is buying services for an animal. |
|  | **Job:** An order, task, work item, procedure step, or other description of work to be performed; e.g. a particular instance of an MPPS. |
|  | **Job Stream:** A list of jobs or a system that provides lists of jobs; e.g. an MWL SCP. |
|  | **Table:** (Deprecated) |
|  | **Routing Criteria:** An object that specifies or controls the routing or delivery of items. For example, a distribution list is the routing criteria for mail. The items delivered may be documents, jobs, or other objects. |
|  | **Query:** The contents of a query. This is used to capture the contents of any kind of query. For security surveillance purposes knowing the queries being made is very important. |

## ValueSet: AuditEventEntityRole

|  |  |
| --- | --- |
| Name | AuditEventEntityRole (Audit Event Entity Role) |
| Description | Code representing the role the entity played in the event. |
| Copyright | These codes are excerpted from Digital Imaging and Communications in Medicine (DICOM) Standard, Part 16: Content Mapping Resource, Copyright Â© 2011 by the National Electrical Manufacturers Association. |

## ValueSet: AuditEventEntityType

|  |  |
| --- | --- |
| Name | AuditEventEntityType (Audit Event Entity Type) |
| Description | Code for the entity type involved audited. |
| Content | **Person:** Person |
|  | **System Object:** System Object |
|  | **Organization:** Organization |
|  | **Other:** Other |

## ValueSet: AuditEventEntityType

|  |  |
| --- | --- |
| Name | AuditEventEntityType (Audit Event Entity Type) |
| Description | Code for the entity type involved audited. |
| Copyright | These codes are excerpted from Digital Imaging and Communications in Medicine (DICOM) Standard, Part 16: Content Mapping Resource, Copyright Â© 2011 by the National Electrical Manufacturers Association. |

## ValueSet: AuditEventOutcome

|  |  |
| --- | --- |
| Name | AuditEventOutcome (Audit Event Outcome) |
| Description | Indicates whether the event succeeded or failed |
| Content | **Success:** The operation completed successfully (whether with warnings or not). |
|  | **Minor failure:** The action was not successful due to some kind of catered for error (often equivalent to an HTTP 400 response). |
|  | **Serious failure:** The action was not successful due to some kind of unexpected error (often equivalent to an HTTP 500 response). |
|  | **Major failure:** An error of such magnitude occurred that the system is no longer available for use (i.e. the system died). |

## ValueSet: AuditEventOutcome

|  |  |
| --- | --- |
| Name | AuditEventOutcome (Audit Event Outcome) |
| Description | Indicates whether the event succeeded or failed |
| Copyright | These codes are excerpted from Digital Imaging and Communications in Medicine (DICOM) Standard, Part 16: Content Mapping Resource, Copyright Â© 2011 by the National Electrical Manufacturers Association. |

## ValueSet: BindingStrength

|  |  |
| --- | --- |
| Name | BindingStrength (Binding Strength) |
| Description | Indication of the degree of conformance expectations associated with a binding. |

## ValueSet: BundleType

|  |  |
| --- | --- |
| Name | BundleType (Bundle Type) |
| Description | Indicates the purpose of a bundle - how it was intended to be used. |
| Content | **Document:** The bundle is a document. The first resource is a Composition. |
|  | **Message:** The bundle is a message. The first resource is a MessageHeader. |
|  | **Transaction:** The bundle is a transaction - intended to be processed by a server as an atomic commit. |
|  | **Transaction Response:** The bundle is a transaction response. Because the response is a transaction response, the transaction has succeeded, and all responses are error free. |
|  | **Batch:** The bundle is a transaction - intended to be processed by a server as a group of actions. |
|  | **Batch Response:** The bundle is a batch response. Note that as a batch, some responses may indicate failure and others success. |
|  | **History List:** The bundle is a list of resources from a history interaction on a server. |
|  | **Search Results:** The bundle is a list of resources returned as a result of a search/query interaction, operation, or message. |
|  | **Collection:** The bundle is a set of resources collected into a single package for ease of distribution. |

## ValueSet: BundleType

|  |  |
| --- | --- |
| Name | BundleType (Bundle Type) |
| Description | Indicates the purpose of a bundle - how it was intended to be used. |

## ValueSet: CapabilityStatementKind

|  |  |
| --- | --- |
| Name | CapabilityStatementKind (Capability Statement Kind) |
| Description | How a capability statement is intended to be used. |
| Content | **Instance:** The CapabilityStatement instance represents the present capabilities of a specific system instance. This is the kind returned by OPTIONS for a FHIR server end-point. |
|  | **Capability:** The CapabilityStatement instance represents the capabilities of a system or piece of software, independent of a particular installation. |
|  | **Requirements:** The CapabilityStatement instance represents a set of requirements for other systems to meet; e.g. as part of an implementation guide or 'request for proposal'. |

## ValueSet: CapabilityStatementKind

|  |  |
| --- | --- |
| Name | CapabilityStatementKind (Capability Statement Kind) |
| Description | How a capability statement is intended to be used. |

## ValueSet: CarePlanActivityCategory

|  |  |
| --- | --- |
| Name | CarePlanActivityCategory (Care Plan Activity Category) |
| Description | High-level categorization of the type of activity in a care plan. |
| Content | **Diet:** Plan for the patient to consume food of a specified nature |
|  | **Drug:** Plan for the patient to consume/receive a drug, vaccine or other product |
|  | **Encounter:** Plan to meet or communicate with the patient (in-patient, out-patient, phone call, etc.) |
|  | **Observation:** Plan to capture information about a patient (vitals, labs, diagnostic images, etc.) |
|  | **Procedure:** Plan to modify the patient in some way (surgery, physiotherapy, education, counseling, etc.) |
|  | **Supply:** Plan to provide something to the patient (medication, medical supply, etc.) |
|  | **Other:** Some other form of action |

## ValueSet: CarePlanActivityCategory

|  |  |
| --- | --- |
| Name | CarePlanActivityCategory (Care Plan Activity Category) |
| Description | High-level categorization of the type of activity in a care plan. |

## ValueSet: CarePlanActivityStatus

|  |  |
| --- | --- |
| Name | CarePlanActivityStatus (Care Plan Activity Status) |
| Description | Indicates where the activity is at in its overall life cycle. |
| Content | **Not Started:** Activity is planned but no action has yet been taken. |
|  | **Scheduled:** Appointment or other booking has occurred but activity has not yet begun. |
|  | **In Progress:** Activity has been started but is not yet complete. |
|  | **On Hold:** Activity was started but has temporarily ceased with an expectation of resumption at a future time. |
|  | **Completed:** The activities have been completed (more or less) as planned. |
|  | **Cancelled:** The activities have been ended prior to completion (perhaps even before they were started). |
|  | **Unknown:** The authoring system doesn't know the current state of the activity. |

## ValueSet: CarePlanActivityStatus

|  |  |
| --- | --- |
| Name | CarePlanActivityStatus (Care Plan Activity Status) |
| Description | Indicates where the activity is at in its overall life cycle. |

## ValueSet: CarePlanIntent

|  |  |
| --- | --- |
| Name | CarePlanIntent (Care Plan Intent) |
| Description | Codes indicating the degree of authority/intentionality associated with a care plan |
| Content | **Proposal:** The care plan is a suggestion made by someone/something that doesn't have an intention to ensure it occurs and without providing an authorization to act |
|  | **Plan:** The care plan represents an intention to ensure something occurs without providing an authorization for others to act |
|  | **Order:** The care plan represents a request/demand and authorization for action |
|  | **Option:** The care plan represents a component or option for a RequestGroup that establishes timing, conditionality and/or other constraints among a set of requests. Refer to [[[RequestGroup]]] for additional information on how this status is used |

## ValueSet: CarePlanIntent

|  |  |
| --- | --- |
| Name | CarePlanIntent (Care Plan Intent) |
| Description | Codes indicating the degree of authority/intentionality associated with a care plan |

## ValueSet: CarePlanRelationship

|  |  |
| --- | --- |
| Name | CarePlanRelationship (Care Plan Relationship) |
| Description | Codes identifying the types of relationships between two plans. |
| Content | **Includes:** The referenced plan is considered to be part of this plan. |
|  | **Replaces:** This plan takes the places of the referenced plan. |
|  | **Fulfills:** This plan provides details about how to perform activities defined at a higher level by the referenced plan. |

## ValueSet: CarePlanRelationship

|  |  |
| --- | --- |
| Name | CarePlanRelationship (Care Plan Relationship) |
| Description | Codes identifying the types of relationships between two plans. |

## ValueSet: CarePlanStatus

|  |  |
| --- | --- |
| Name | CarePlanStatus (Care Plan Status) |
| Description | Indicates whether the plan is currently being acted upon, represents future intentions or is now a historical record. |
| Content | **Pending:** The plan is in development or awaiting use but is not yet intended to be acted upon. |
|  | **Active:** The plan is intended to be followed and used as part of patient care. |
|  | **Suspended:** The plan has been temporarily stopped but is expected to resume in the future. |
|  | **Completed:** The plan is no longer in use and is not expected to be followed or used in patient care. |
|  | **Entered In Error:** The plan was entered in error and voided. |
|  | **Cancelled:** The plan has been terminated prior to reaching completion (though it may have been replaced by a new plan). |
|  | **Unknown:** The authoring system doesn't know the current state of the care plan. |

## ValueSet: CarePlanStatus

|  |  |
| --- | --- |
| Name | CarePlanStatus (Care Plan Status) |
| Description | Indicates whether the plan is currently being acted upon, represents future intentions or is now a historical record. |

## ValueSet: CareTeamCategory

|  |  |
| --- | --- |
| Name | CareTeamCategory (Care Team Category) |
| Description | Indicates the type of care team. |
| Content | **Event:** This type of team focuses on one specific type of incident, which is non-patient specific. The incident is determined by the context of use. For example, code team (code red, code blue, medical emergency treatment) or the PICC line team. |
|  | **Encounter:** This type of team focuses on one specific encounter. The encounter is determined by the context of use. For example, during an inpatient encounter, the nutrition support care team |
|  | **Episode:** This type of team focuses on one specific episode of care with a defined time period or self-limiting process (e.g. 10 visits). The episode of care is determined by the context of use. For example, a maternity care team over 9 months. |
|  | **Longitudinal Care Coordination:** This type of team focuses on overall care coordination managing one or more conditions across the continuum of care ensuring there are smooth transitions of care. The members of the team are determined or selected by an individual or organization. When determined by an organization, the team may be assigned or based on the person's enrollment in a particular program. For example, disease management team or patient centered medical home team. |
|  | **Condition:** This type of team focuses on one specific condition. The condition is determined by the context of use. For example, a disease management team focused on one condition (e.g. diabetes). |
|  | **Clinical Research:** This type of team is responsible for establishing, conducting, coordinating and monitoring the outcomes of clinical trials. The team focuses on research, clinical care and education. |

## ValueSet: CareTeamCategory

|  |  |
| --- | --- |
| Name | CareTeamCategory (Care Team Category) |
| Description | Indicates the type of care team. |

## ValueSet: CareTeamStatus

|  |  |
| --- | --- |
| Name | CareTeamStatus (Care Team Status) |
| Description | Indicates the status of the care team. |
| Content | **Proposed:** The care team has been drafted and proposed, but not yet participating in the coordination and delivery of care. |
|  | **Active:** The care team is currently participating in the coordination and delivery of care. |
|  | **Suspended:** The care team is temporarily on hold or suspended and not participating in the coordination and delivery of care. |
|  | **Inactive:** The care team was, but is no longer, participating in the coordination and delivery of care. |
|  | **Entered In Error:** The care team should have never existed. |

## ValueSet: CareTeamStatus

|  |  |
| --- | --- |
| Name | CareTeamStatus (Care Team Status) |
| Description | Indicates the status of the care team. |

## ValueSet: ChargeItemCode

|  |  |
| --- | --- |
| Name | ChargeItemCode (Charge Item Code) |
| Description | Example set of codes that can be used for billing purposes |
| Content | **Unvorhergesehene Inanspruchnahme:** From German EBM billing system: Unvorhergesehene Inanspruchnahme des Vertragsarztes durch einen Patienten;zwischen 19:00 und 22:00 Uhr;an Samstagen, Sonntagen und gesetzlichen Feiertagen, am 24.12. und 31.12. zwischen 07:00 und 19:00 Uhr |
|  | **Notfallpauschale:** From German EBM billing system: Notfallpauschale im organisierten Not(-fall)dienst und fÃ¼r nicht an der vertragsÃ¤rztlichen Versorgung teilnehmende Ã„rzte, Institute und KrankenhÃ¤user bei Inanspruchnahme;zwischen 07:00 und 19:00 Uhr |
|  | **Grundpauschale:** From German EBM billing system: Grundpauschale fÃ¼r Ã„rzte, Institute und KrankenhÃ¤user, die zur Erbringung von Leistungen innerhalb mindestens eines der Fachgebiete AnÃ¤sthesiologie, Frauenheilkunde und Geburtshilfe, Haut- und Geschlechtskrankheiten, Mund-, Kiefer- und Gesichtschirurgie und Humangenetik ermÃ¤chtigt sind |

## ValueSet: ChargeItemCode

|  |  |
| --- | --- |
| Name | ChargeItemCode (Charge Item Code) |
| Description | Example set of codes that can be used for billing purposes |

## ValueSet: ChargeItemStatus

|  |  |
| --- | --- |
| Name | ChargeItemStatus (Charge Item Status) |
| Description | Codes identifying the stage lifecycle stage of a ChargeItem |
| Content | **planned:** the charge item has been entered, but the charged service is not yet complete, so it shall not be billed yet but might be used in the context of pre-authorization |
|  | **billable:** the charge item is ready for billing |
|  | **not billable:** the charge item has been determined to be not billable (e.g. due to rules associated with the billing code) |
|  | **aborted:** The processing of the charge was aborted |
|  | **billed:** the charge item has been billed (e.g. a billing engine has generated financial transactions by applying the associated ruled for the charge item to the context of the Encounter, and placed them into Claims/Invoices |
|  | **Entered in Error:** The charge item has been entered in error and should not be processed for billing |
|  | **Unknown:** The authoring system does not know which of the status values currently applies for this charge item Note: This concept is not to be used for "other" - one of the listed statuses is presumed to apply, it's just not known which one. |

## ValueSet: ChargeItemStatus

|  |  |
| --- | --- |
| Name | ChargeItemStatus (Charge Item Status) |
| Description | Codes identifying the stage lifecycle stage of a ChargeItem |

## ValueSet: ChoiceListOrientation

|  |  |
| --- | --- |
| Name | ChoiceListOrientation (Choice List Orientation) |
| Description | Direction in which lists of question options should be displayed |
| Content | **Horizontal:** List choices along the horizontal axis |
|  | **Vertical:** List choices down the vertical axis |

## ValueSet: ChoiceListOrientation

|  |  |
| --- | --- |
| Name | ChoiceListOrientation (Choice List Orientation) |
| Description | Direction in which lists of question options should be displayed |

## ValueSet: ClaimPayeeResourceType

|  |  |
| --- | --- |
| Name | ClaimPayeeResourceType (Claim Payee Resource Type) |
| Description | The type of Claim payee Resource |
| Content | **Organization:** Organization resource |
|  | **Patient:** Patient resource |
|  | **Practitioner:** Practitioner resource |
|  | **RelatedPerson:** RelatedPerson resource |

## ValueSet: ClaimPayeeResourceType

|  |  |
| --- | --- |
| Name | ClaimPayeeResourceType (Claim Payee Resource Type) |
| Description | The type of Claim payee Resource |

## ValueSet: ClassificationOrContext

|  |  |
| --- | --- |
| Name | ClassificationOrContext (Classification Or Context) |
| Description | Identifies whether a useContext represents a context or classification for the element |
| Content | **Classification:** Indicates the useContext is a classification - e.g. Administrative, financial, etc. |
|  | **Context:** Indicates the useContext is a context - a domain of use - e.g. Particular country, organization or system |

## ValueSet: ClassificationOrContext

|  |  |
| --- | --- |
| Name | ClassificationOrContext (Classification Or Context) |
| Description | Identifies whether a useContext represents a context or classification for the element |

## ValueSet: ClinicalImpressionStatus

|  |  |
| --- | --- |
| Name | ClinicalImpressionStatus (Clinical Impression Status) |
| Description | The workflow state of a clinical impression. |
| Content | **In progress:** The assessment is still on-going and results are not yet final. |
|  | **Completed:** The assessment is done and the results are final. |
|  | **Entered in Error:** This assessment was never actually done and the record is erroneous (e.g. Wrong patient). |

## ValueSet: ClinicalImpressionStatus

|  |  |
| --- | --- |
| Name | ClinicalImpressionStatus (Clinical Impression Status) |
| Description | The workflow state of a clinical impression. |

## ValueSet: CodeSystemContentMode

|  |  |
| --- | --- |
| Name | CodeSystemContentMode (Code System Content Mode) |
| Description | How much of the content of the code system - the concepts and codes it defines - are represented in a code system resource |
| Content | **Not Present:** None of the concepts defined by the code system are included in the code system resource |
|  | **Example:** A few representative concepts are included in the code system resource |
|  | **Fragment:** A subset of the code system concepts are included in the code system resource |
|  | **Complete:** All the concepts defined by the code system are included in the code system resource |

## ValueSet: CodeSystemContentMode

|  |  |
| --- | --- |
| Name | CodeSystemContentMode (Code System Content Mode) |
| Description | How much of the content of the code system - the concepts and codes it defines - are represented in a code system resource |

## ValueSet: CodeSystemHierarchyMeaning

|  |  |
| --- | --- |
| Name | CodeSystemHierarchyMeaning (Code System Hierarchy Meaning) |
| Description | The meaning of the hierarchy of concepts in a code system |
| Content | **Grouped By:** No particular relationship between the concepts can be assumed, except what can be determined by inspection of the definitions of the elements (possible reasons to use this: importing from a source where this is not defined, or where various parts of the heirarchy have different meanings) |
|  | **Is-A:** A hierarchy where the child concepts have an IS-A relationship with the parents - that is, all the properties of the parent are also true for it's child concepts |
|  | **Part Of:** Child elements list the individual parts of a composite whole (e.g. bodysite) |
|  | **Classified With:** Child concepts in the hierarchy may have only one parent and there is a presumption that the code system is a "closed world" meaning all things must be in the hierarchy. This results in concepts such as "not otherwise clasified." |

## ValueSet: CodeSystemHierarchyMeaning

|  |  |
| --- | --- |
| Name | CodeSystemHierarchyMeaning (Code System Hierarchy Meaning) |
| Description | The meaning of the hierarchy of concepts in a code system |

## ValueSet: CommunicationCategory

|  |  |
| --- | --- |
| Name | CommunicationCategory (Communication Category) |
| Description | Codes for general categories of communications such as alerts, instruction, etc. |
| Content | **Alert:** The communication conveys an alert. |
|  | **Notification:** The communication conveys a notification. |
|  | **Reminder:** The communication conveys a reminder. |
|  | **Instruction:** The communication conveys instruction. |

## ValueSet: CommunicationCategory

|  |  |
| --- | --- |
| Name | CommunicationCategory (Communication Category) |
| Description | Codes for general categories of communications such as alerts, instruction, etc. |

## ValueSet: CommunicationNotDoneReason

|  |  |
| --- | --- |
| Name | CommunicationNotDoneReason (Communication Not Done Reason) |
| Description | Codes for the reason why a communication was not done. |
| Content | **Unknown:** The communication was not done due to an unknown reason. |
|  | **System Error:** The communication was not done due to a system error. |
|  | **Invalid Phone Number:** The communication was not done due to an invalid phone number. |
|  | **Recipient Unavailable:** The communication was not done due to the recipient being unavailable. |
|  | **Family Objection:** The communication was not done due to a family objection. |
|  | **Patient Objection:** The communication was not done due to a patient objection. |

## ValueSet: CommunicationNotDoneReason

|  |  |
| --- | --- |
| Name | CommunicationNotDoneReason (Communication Not Done Reason) |
| Description | Codes for the reason why a communication was not done. |

## ValueSet: CompartmentType

|  |  |
| --- | --- |
| Name | CompartmentType (Compartment Type) |
| Description | Which compartment a compartmnet definition describes |
| Content | **Patient:** The compartment definition is for the patient compartment |
|  | **Encounter:** The compartment definition is for the encounter compartment |
|  | **RelatedPerson:** The compartment definition is for the related-person compartment |
|  | **Practitioner:** The compartment definition is for the practitioner compartment |
|  | **Device:** The compartment definition is for the device compartment |

## ValueSet: CompartmentType

|  |  |
| --- | --- |
| Name | CompartmentType (Compartment Type) |
| Description | Which compartment a compartmnet definition describes |

## ValueSet: CompositeMeasureScoring

|  |  |
| --- | --- |
| Name | CompositeMeasureScoring (Composite Measure Scoring) |
| Description | The composite scoring method of the measure |
| Content | **Opportunity:** Opportunity scoring combines the scores from component measures by combining the numerators and denominators for each component |
|  | **All-or-nothing:** All-or-nothing scoring includes an individual in the numerator of the composite measure if they are in the numerators of all of the component measures in which they are in the denominator |
|  | **Linear:** Linear scoring gives an individual a score based on the number of numerators in which they appear |
|  | **Weighted:** Weighted scoring gives an individual a score based on a weigthed factor for each component numerator in which they appear |

## ValueSet: CompositeMeasureScoring

|  |  |
| --- | --- |
| Name | CompositeMeasureScoring (Composite Measure Scoring) |
| Description | The composite scoring method of the measure |

## ValueSet: CompositionAttestationMode

|  |  |
| --- | --- |
| Name | CompositionAttestationMode (Composition Attestation Mode) |
| Description | The way in which a person authenticated a composition. |
| Content | **Personal:** The person authenticated the content in their personal capacity. |
|  | **Professional:** The person authenticated the content in their professional capacity. |
|  | **Legal:** The person authenticated the content and accepted legal responsibility for its content. |
|  | **Official:** The organization authenticated the content as consistent with their policies and procedures. |

## ValueSet: CompositionAttestationMode

|  |  |
| --- | --- |
| Name | CompositionAttestationMode (Composition Attestation Mode) |
| Description | The way in which a person authenticated a composition. |

## ValueSet: CompositionStatus

|  |  |
| --- | --- |
| Name | CompositionStatus (Composition Status) |
| Description | The workflow/clinical status of the composition. |
| Content | **Preliminary:** This is a preliminary composition or document (also known as initial or interim). The content may be incomplete or unverified. |
|  | **Final:** This version of the composition is complete and verified by an appropriate person and no further work is planned. Any subsequent updates would be on a new version of the composition. |
|  | **Amended:** The composition content or the referenced resources have been modified (edited or added to) subsequent to being released as "final" and the composition is complete and verified by an authorized person. |
|  | **Entered in Error:** The composition or document was originally created/issued in error, and this is an amendment that marks that the entire series should not be considered as valid. |

## ValueSet: CompositionStatus

|  |  |
| --- | --- |
| Name | CompositionStatus (Composition Status) |
| Description | The workflow/clinical status of the composition. |

## ValueSet: ConceptMapEquivalence

|  |  |
| --- | --- |
| Name | ConceptMapEquivalence (Concept Map Equivalence) |
| Description | The degree of equivalence between concepts. |

## ValueSet: ConceptMapGroupUnmappedMode

|  |  |
| --- | --- |
| Name | ConceptMapGroupUnmappedMode (Concept Map Group Unmapped Mode) |
| Description | Defines which action to take if there is no match in the group. |
| Content | **Provided Code:** Use the code as provided in the $translate request |
|  | **Fixed Code:** Use the code explicitly provided in the group.unmapped |
|  | **Other Map:** Use the map identified by the canonical URL in URL |

## ValueSet: ConceptMapGroupUnmappedMode

|  |  |
| --- | --- |
| Name | ConceptMapGroupUnmappedMode (Concept Map Group Unmapped Mode) |
| Description | Defines which action to take if there is no match in the group. |

## ValueSet: ConditionState

|  |  |
| --- | --- |
| Name | ConditionState (Condition State) |
| Description | Enumeration indicating whether the condition is currently active, inactive, or has been resolved. |
| Content | **Active:** The condition is active. |
|  | **Inactive:** The condition inactive but not resolved. |
|  | **Resolved:** The condition is resolved. |

## ValueSet: ConditionState

|  |  |
| --- | --- |
| Name | ConditionState (Condition State) |
| Description | Enumeration indicating whether the condition is currently active, inactive, or has been resolved. |

## ValueSet: ConditionVerificationStatus

|  |  |
| --- | --- |
| Name | ConditionVerificationStatus (Condition Verification Status) |
| Description | The verification status to support or decline the clinical status of the condition or diagnosis. |
| Content | **Provisional:** This is a tentative diagnosis - still a candidate that is under consideration. |
|  | **Differential:** One of a set of potential (and typically mutually exclusive) diagnosis asserted to further guide the diagnostic process and preliminary treatment. |
|  | **Confirmed:** There is sufficient diagnostic and/or clinical evidence to treat this as a confirmed condition. |
|  | **Refuted:** This condition has been ruled out by diagnostic and clinical evidence. |
|  | **Entered In Error:** The statement was entered in error and is not valid. |
|  | **Unknown:** The condition status is unknown. Note that "unknown" is a value of last resort and every attempt should be made to provide a meaningful value other than "unknown". |

## ValueSet: ConditionVerificationStatus

|  |  |
| --- | --- |
| Name | ConditionVerificationStatus (Condition Verification Status) |
| Description | The verification status to support or decline the clinical status of the condition or diagnosis. |

## ValueSet: ConditionalDeleteStatus

|  |  |
| --- | --- |
| Name | ConditionalDeleteStatus (Conditional Delete Status) |
| Description | A code that indicates how the server supports conditional delete. |
| Content | **Not Supported:** No support for conditional deletes. |
|  | **Single Deletes Supported:** Conditional deletes are supported, but only single resources at a time. |
|  | **Multiple Deletes Supported:** Conditional deletes are supported, and multiple resources can be deleted in a single interaction. |

## ValueSet: ConditionalDeleteStatus

|  |  |
| --- | --- |
| Name | ConditionalDeleteStatus (Conditional Delete Status) |
| Description | A code that indicates how the server supports conditional delete. |

## ValueSet: ConditionalReadStatus

|  |  |
| --- | --- |
| Name | ConditionalReadStatus (Conditional Read Status) |
| Description | A code that indicates how the server supports conditional read. |
| Content | **Not Supported:** No support for conditional deletes. |
|  | **If-Modified-Since:** Conditional reads are supported, but only with the If-Modified-Since HTTP Header. |
|  | **If-None-Match:** Conditional reads are supported, but only with the If-None-Match HTTP Header. |
|  | **Full Support:** Conditional reads are supported, with both If-Modified-Since and If-None-Match HTTP Headers. |

## ValueSet: ConditionalReadStatus

|  |  |
| --- | --- |
| Name | ConditionalReadStatus (Conditional Read Status) |
| Description | A code that indicates how the server supports conditional read. |

## ValueSet: ConformanceExpectation

|  |  |
| --- | --- |
| Name | ConformanceExpectation (Conformance Expectation) |
| Description | Indicates the degree of adherence to a specified behavior or capability expected in order for a system to be deemed conformant with a specification. |
| Content | **SHALL:** Support for the specified capability is required to be considered conformant. |
|  | **SHOULD:** Support for the specified capability is strongly encouraged and failure to support it should only occur after careful consideration. |
|  | **MAY:** Support for the specified capability is not necessary to be considered conformant and the requirement should be considered strictly optional. |
|  | **SHOULD-NOT:** Support for the specified capability is strongly discouraged and should occur only after careful consideration. |

## ValueSet: ConformanceExpectation

|  |  |
| --- | --- |
| Name | ConformanceExpectation (Conformance Expectation) |
| Description | Indicates the degree of adherence to a specified behavior or capability expected in order for a system to be deemed conformant with a specification. |

## ValueSet: ConsentDataMeaning

|  |  |
| --- | --- |
| Name | ConsentDataMeaning (Consent Data Meaning) |
| Description | How a resource reference is interpreted when testing consent restrictions |
| Content | **Instance:** The consent applies directly to the instance of the resource |
|  | **Related:** The consent applies directly to the instance of the resource, and instances it refers to |
|  | **Dependents:** The consent applies directly to the instance of the resource, and instances that refer to it |
|  | **AuthoredBy:** The consent applies to instances of resources that are authored by |

## ValueSet: ConsentDataMeaning

|  |  |
| --- | --- |
| Name | ConsentDataMeaning (Consent Data Meaning) |
| Description | How a resource reference is interpreted when testing consent restrictions |

## ValueSet: ConsentExceptType

|  |  |
| --- | --- |
| Name | ConsentExceptType (Consent Except Type) |
| Description | How an exception is statement is applied, as adding additional consent, or removing consent |
| Content | **Opt Out:** Consent is denied for actions meeting these rules |
|  | **Opt In:** Consent is provided for actions meeting these rules |

## ValueSet: ConsentExceptType

|  |  |
| --- | --- |
| Name | ConsentExceptType (Consent Except Type) |
| Description | How an exception is statement is applied, as adding additional consent, or removing consent |

## ValueSet: ConsentState

|  |  |
| --- | --- |
| Name | ConsentState (Consent State) |
| Description | Indicates the state of the consent |
| Content | **Pending:** The consent is in development or awaiting use but is not yet intended to be acted upon. |
|  | **Proposed:** The consent has been proposed but not yet agreed to by all parties. The negotiation stage. |
|  | **Active:** The consent is to be followed and enforced. |
|  | **Rejected:** The consent has been rejected by one or more of the parties. |
|  | **Inactive:** The consent is terminated or replaced. |
|  | **Entered in Error:** The consent was created wrongly (e.g. wrong patient) and should be ignored |

## ValueSet: ConsentState

|  |  |
| --- | --- |
| Name | ConsentState (Consent State) |
| Description | Indicates the state of the consent |

## ValueSet: ConstraintSeverity

|  |  |
| --- | --- |
| Name | ConstraintSeverity (Constraint Severity) |
| Description | SHALL applications comply with this constraint? |
| Content | **Error:** If the constraint is violated, the resource is not conformant. |
|  | **Warning:** If the constraint is violated, the resource is conformant, but it is not necessarily following best practice. |

## ValueSet: ConstraintSeverity

|  |  |
| --- | --- |
| Name | ConstraintSeverity (Constraint Severity) |
| Description | SHALL applications comply with this constraint? |

## ValueSet: ContactPointSystem

|  |  |
| --- | --- |
| Name | ContactPointSystem (Contact Point System) |
| Description | Telecommunications form for contact point |
| Content | **Phone:** The value is a telephone number used for voice calls. Use of full international numbers starting with + is recommended to enable automatic dialing support but not required. |
|  | **Fax:** The value is a fax machine. Use of full international numbers starting with + is recommended to enable automatic dialing support but not required. |
|  | **Email:** The value is an email address. |
|  | **Pager:** The value is a pager number. These may be local pager numbers that are only usable on a particular pager system. |
|  | **URL:** A contact that is not a phone, fax, pager or email address and is expressed as a URL. This is intended for various personal contacts including blogs, Skype, Twitter, Facebook, etc. Do not use for email addresses. |
|  | **SMS:** A contact that can be used for sending an sms message (e.g. mobide phones, some landlines) |
|  | **Other:** A contact that is not a phone, fax, page or email address and is not expressible as a URL. E.g. Internal mail address. This SHOULD NOT be used for contacts that are expressible as a URL (e.g. Skype, Twitter, Facebook, etc.) Extensions may be used to distinguish "other" contact types. |

## ValueSet: ContactPointSystem

|  |  |
| --- | --- |
| Name | ContactPointSystem (Contact Point System) |
| Description | Telecommunications form for contact point |

## ValueSet: ContactPointUse

|  |  |
| --- | --- |
| Name | ContactPointUse (Contact Point Use) |
| Description | Use of contact point |
| Content | **Home:** A communication contact point at a home; attempted contacts for business purposes might intrude privacy and chances are one will contact family or other household members instead of the person one wishes to call. Typically used with urgent cases, or if no other contacts are available. |
|  | **Work:** An office contact point. First choice for business related contacts during business hours. |
|  | **Temp:** A temporary contact point. The period can provide more detailed information. |
|  | **Old:** This contact point is no longer in use (or was never correct, but retained for records). |
|  | **Mobile:** A telecommunication device that moves and stays with its owner. May have characteristics of all other use codes, suitable for urgent matters, not the first choice for routine business. |

## ValueSet: ContactPointUse

|  |  |
| --- | --- |
| Name | ContactPointUse (Contact Point Use) |
| Description | Use of contact point |

## ValueSet: ContentType

|  |  |
| --- | --- |
| Name | ContentType (Content Type) |
| Description | The content or mime type. |
| Content | **xml:** XML content-type corresponding to the application/fhir+xml mime-type. |
|  | **json:** JSON content-type corresponding to the application/fhir+json mime-type. |
|  | **ttl:** RDF content-type corresponding to the text/turtle mime-type. |
|  | **none:** Prevent the use of the corresponding http header. |

## ValueSet: ContentType

|  |  |
| --- | --- |
| Name | ContentType (Content Type) |
| Description | The content or mime type. |

## ValueSet: ContributorType

|  |  |
| --- | --- |
| Name | ContributorType (Contributor Type) |
| Description | The type of contributor |
| Content | **Author:** An author of the content of the module |
|  | **Editor:** An editor of the content of the module |
|  | **Reviewer:** A reviewer of the content of the module |
|  | **Endorser:** An endorser of the content of the module |

## ValueSet: ContributorType

|  |  |
| --- | --- |
| Name | ContributorType (Contributor Type) |
| Description | The type of contributor |

## ValueSet: CopyNumberEvent

|  |  |
| --- | --- |
| Name | CopyNumberEvent (Copy Number Event) |
| Description | Copy Number Event |
| Content | **amplificaiton:** amplificaiton |
|  | **deletion:** deletion |
|  | **loss of function:** loss of function |

## ValueSet: CopyNumberEvent

|  |  |
| --- | --- |
| Name | CopyNumberEvent (Copy Number Event) |
| Description | Copy Number Event |

## ValueSet: DataAbsentReason

|  |  |
| --- | --- |
| Name | DataAbsentReason (Data Absent Reason) |
| Description | Used to specify why the normally expected content of the data element is missing. |

## ValueSet: DataElementStringency

|  |  |
| --- | --- |
| Name | DataElementStringency (Data Element Stringency) |
| Description | Indicates the degree of precision of the data element definition. |
| Content | **Comparable:** The data element is sufficiently well-constrained that multiple pieces of data captured according to the constraints of the data element will be comparable (though in some cases, a degree of automated conversion/normalization may be required). |
|  | **Fully Specified:** The data element is fully specified down to a single value set, single unit of measure, single data type, etc. Multiple pieces of data associated with this data element are fully comparable. |
|  | **Equivalent:** The data element allows multiple units of measure having equivalent meaning; e.g. "cc" (cubic centimeter) and "mL" (milliliter). |
|  | **Convertable:** The data element allows multiple units of measure that are convertable between each other (e.g. inches and centimeters) and/or allows data to be captured in multiple value sets for which a known mapping exists allowing conversion of meaning. |
|  | **Scaleable:** A convertable data element where unit conversions are different only by a power of 10; e.g. g, mg, kg. |
|  | **Flexible:** The data element is unconstrained in units, choice of data types and/or choice of vocabulary such that automated comparison of data captured using the data element is not possible. |

## ValueSet: DataElementStringency

|  |  |
| --- | --- |
| Name | DataElementStringency (Data Element Stringency) |
| Description | Indicates the degree of precision of the data element definition. |

## ValueSet: DataType

|  |  |
| --- | --- |
| Name | DataType (Data Type) |
| Description | The type of an element - one of the FHIR data types. |
| Content | **Address:** An address expressed using postal conventions (as opposed to GPS or other location definition formats). This data type may be used to convey addresses for use in delivering mail as well as for visiting locations and which might not be valid for mail delivery. There are a variety of postal address formats defined around the world. |
|  | **Age:** A duration of time during which an organism (or a process) has existed. |
|  | **Annotation:** A text note which also contains information about who made the statement and when. |
|  | **Attachment:** For referring to data content defined in other formats. |
|  | **BackboneElement:** Base definition for all elements that are defined inside a resource - but not those in a data type. |
|  | **CodeableConcept:** A concept that may be defined by a formal reference to a terminology or ontology or may be provided by text. |
|  | **Coding:** A reference to a code defined by a terminology system. |
|  | **ContactDetail:** Specifies contact information for a person or organization. |
|  | **ContactPoint:** Details for all kinds of technology mediated contact points for a person or organization, including telephone, email, etc. |
|  | **Contributor:** A contributor to the content of a knowledge asset, including authors, editors, reviewers, and endorsers. |
|  | **Count:** A measured amount (or an amount that can potentially be measured). Note that measured amounts include amounts that are not precisely quantified, including amounts involving arbitrary units and floating currencies. |
|  | **DataRequirement:** Describes a required data item for evaluation in terms of the type of data, and optional code- or date-based filters of the data. |
|  | **Distance:** A length - a value with a unit that is a physical distance. |
|  | **Dosage:** Indicates how the medication is/was taken or should be taken by the patient. |
|  | **Duration:** A length of time. |
|  | **Element:** Base definition for all elements in a resource. |
|  | **ElementDefinition:** Captures constraints on each element within the resource, profile, or extension. |
|  | **Extension:** Optional Extensions Element - found in all resources. |
|  | **HumanName:** A human's name with the ability to identify parts and usage. |
|  | **Identifier:** A technical identifier - identifies some entity uniquely and unambiguously. |
|  | **Meta:** The metadata about a resource. This is content in the resource that is maintained by the infrastructure. Changes to the content may not always be associated with version changes to the resource. |
|  | **Money:** An amount of economic utility in some recognised currency. |
|  | **Narrative:** A human-readable formatted text, including images. |
|  | **ParameterDefinition:** The parameters to the module. This collection specifies both the input and output parameters. Input parameters are provided by the caller as part of the $evaluate operation. Output parameters are included in the GuidanceResponse. |
|  | **Period:** A time period defined by a start and end date and optionally time. |
|  | **Quantity:** A measured amount (or an amount that can potentially be measured). Note that measured amounts include amounts that are not precisely quantified, including amounts involving arbitrary units and floating currencies. |
|  | **Range:** A set of ordered Quantities defined by a low and high limit. |
|  | **Ratio:** A relationship of two Quantity values - expressed as a numerator and a denominator. |
|  | **Reference:** A reference from one resource to another. |
|  | **RelatedArtifact:** Related artifacts such as additional documentation, justification, or bibliographic references. |
|  | **SampledData:** A series of measurements taken by a device, with upper and lower limits. There may be more than one dimension in the data. |
|  | **Signature:** A digital signature along with supporting context. The signature may be electronic/cryptographic in nature, or a graphical image representing a hand-written signature, or a signature process. Different Signature approaches have different utilities. |
|  | **SimpleQuantity:** |
|  | **Timing:** Specifies an event that may occur multiple times. Timing schedules are used to record when things are planned, expected or requested to occur. The most common usage is in dosage instructions for medications. They are also used when planning care of various kinds, and may be used for reporting the schedule to which past regular activities were carried out. |
|  | **TriggerDefinition:** A description of a triggering event. |
|  | **UsageContext:** Specifies clinical/business/etc metadata that can be used to retrieve, index and/or categorize an artifact. This metadata can either be specific to the applicable population (e.g., age category, DRG) or the specific context of care (e.g., venue, care setting, provider of care). |
|  | **base64Binary:** A stream of bytes |
|  | **boolean:** Value of "true" or "false" |
|  | **code:** A string which has at least one character and no leading or trailing whitespace and where there is no whitespace other than single spaces in the contents |
|  | **date:** A date or partial date (e.g. just year or year + month). There is no time zone. The format is a union of the schema types gYear, gYearMonth and date. Dates SHALL be valid dates. |
|  | **dateTime:** A date, date-time or partial date (e.g. just year or year + month). If hours and minutes are specified, a time zone SHALL be populated. The format is a union of the schema types gYear, gYearMonth, date and dateTime. Seconds must be provided due to schema type constraints but may be zero-filled and may be ignored. Dates SHALL be valid dates. |
|  | **decimal:** A rational number with implicit precision |
|  | **id:** Any combination of letters, numerals, "-" and ".", with a length limit of 64 characters. (This might be an integer, an unprefixed OID, UUID or any other identifier pattern that meets these constraints.) Ids are case-insensitive. |
|  | **instant:** An instant in time - known at least to the second |
|  | **integer:** A whole number |
|  | **markdown:** A string that may contain markdown syntax for optional processing by a mark down presentation engine |
|  | **oid:** An oid represented as a URI |
|  | **positiveInt:** An integer with a value that is positive (e.g. >0) |
|  | **string:** A sequence of Unicode characters |
|  | **time:** A time during the day, with no date specified |
|  | **unsignedInt:** An integer with a value that is not negative (e.g. >= 0) |
|  | **uri:** String of characters used to identify a name or a resource |
|  | **uuid:** A UUID, represented as a URI |
|  | **XHTML:** XHTML format, as defined by W3C, but restricted usage (mainly, no active content) |

## ValueSet: DataType

|  |  |
| --- | --- |
| Name | DataType (Data Type) |
| Description | The type of an element - one of the FHIR data types. |

## ValueSet: DaysOfWeek

|  |  |
| --- | --- |
| Name | DaysOfWeek (Days Of Week) |
| Description | The days of the week. |
| Content | **Monday:** Monday |
|  | **Tuesday:** Tuesday |
|  | **Wednesday:** Wednesday |
|  | **Thursday:** Thursday |
|  | **Friday:** Friday |
|  | **Saturday:** Saturday |
|  | **Sunday:** Sunday |

## ValueSet: DaysOfWeek

|  |  |
| --- | --- |
| Name | DaysOfWeek (Days Of Week) |
| Description | The days of the week. |

## ValueSet: DefinitionStatus

|  |  |
| --- | --- |
| Name | DefinitionStatus (Definition Status) |
| Description | Codes identifying the stage lifecycle stage of a definition |
| Content | **Draft:** The definition is in the design stage and is not yet considered to be "ready for use" |
|  | **Active:** The definition is considered ready for use |
|  | **Withdrawn:** The definition should no longer be used |
|  | **Unknown:** The authoring system does not know which of the status values currently applies for this request. Note: This concept is not to be used for "other" - one of the listed statuses is presumed to apply, it's just not known which one. |

## ValueSet: DefinitionStatus

|  |  |
| --- | --- |
| Name | DefinitionStatus (Definition Status) |
| Description | Codes identifying the stage lifecycle stage of a definition |

## ValueSet: DefinitionTopic

|  |  |
| --- | --- |
| Name | DefinitionTopic (Definition Topic) |
| Description | High-level categorization of the definition, used for searching, sorting, and filtering |
| Content | **Treatment:** The definition is related to treatment of the patient |
|  | **Education:** The definition is related to education of the patient |
|  | **Assessment:** The definition is related to assessment of the patient |

## ValueSet: DefinitionTopic

|  |  |
| --- | --- |
| Name | DefinitionTopic (Definition Topic) |
| Description | High-level categorization of the definition, used for searching, sorting, and filtering |

## ValueSet: DetectedIssueSeverity

|  |  |
| --- | --- |
| Name | DetectedIssueSeverity (Detected Issue Severity) |
| Description | Indicates the potential degree of impact of the identified issue on the patient. |
| Content | **High:** Indicates the issue may be life-threatening or has the potential to cause permanent injury. |
|  | **Moderate:** Indicates the issue may result in noticeable adverse consequences but is unlikely to be life-threatening or cause permanent injury. |
|  | **Low:** Indicates the issue may result in some adverse consequences but is unlikely to substantially affect the situation of the subject. |

## ValueSet: DetectedIssueSeverity

|  |  |
| --- | --- |
| Name | DetectedIssueSeverity (Detected Issue Severity) |
| Description | Indicates the potential degree of impact of the identified issue on the patient. |

## ValueSet: DeviceMetricCalibrationState

|  |  |
| --- | --- |
| Name | DeviceMetricCalibrationState (Device Metric Calibration State) |
| Description | Describes the state of a metric calibration. |
| Content | **Not Calibrated:** The metric has not been calibrated. |
|  | **Calibration Required:** The metric needs to be calibrated. |
|  | **Calibrated:** The metric has been calibrated. |
|  | **Unspecified:** The state of calibration of this metric is unspecified. |

## ValueSet: DeviceMetricCalibrationState

|  |  |
| --- | --- |
| Name | DeviceMetricCalibrationState (Device Metric Calibration State) |
| Description | Describes the state of a metric calibration. |

## ValueSet: DeviceMetricCalibrationType

|  |  |
| --- | --- |
| Name | DeviceMetricCalibrationType (Device Metric Calibration Type) |
| Description | Describes the type of a metric calibration. |
| Content | **Unspecified:** TODO |
|  | **Offset:** TODO |
|  | **Gain:** TODO |
|  | **Two Point:** TODO |

## ValueSet: DeviceMetricCalibrationType

|  |  |
| --- | --- |
| Name | DeviceMetricCalibrationType (Device Metric Calibration Type) |
| Description | Describes the type of a metric calibration. |

## ValueSet: DeviceMetricCategory

|  |  |
| --- | --- |
| Name | DeviceMetricCategory (Device Metric Category) |
| Description | Describes the category of the metric. |
| Content | **Measurement:** DeviceObservations generated for this DeviceMetric are measured. |
|  | **Setting:** DeviceObservations generated for this DeviceMetric is a setting that will influence the behavior of the Device. |
|  | **Calculation:** DeviceObservations generated for this DeviceMetric are calculated. |
|  | **Unspecified:** The category of this DeviceMetric is unspecified. |

## ValueSet: DeviceMetricCategory

|  |  |
| --- | --- |
| Name | DeviceMetricCategory (Device Metric Category) |
| Description | Describes the category of the metric. |

## ValueSet: DeviceMetricColor

|  |  |
| --- | --- |
| Name | DeviceMetricColor (Device Metric Color) |
| Description | Describes the typical color of representation. |
| Content | **Color Black:** Color for representation - black. |
|  | **Color Red:** Color for representation - red. |
|  | **Color Green:** Color for representation - green. |
|  | **Color Yellow:** Color for representation - yellow. |
|  | **Color Blue:** Color for representation - blue. |
|  | **Color Magenta:** Color for representation - magenta. |
|  | **Color Cyan:** Color for representation - cyan. |
|  | **Color White:** Color for representation - white. |

## ValueSet: DeviceMetricColor

|  |  |
| --- | --- |
| Name | DeviceMetricColor (Device Metric Color) |
| Description | Describes the typical color of representation. |

## ValueSet: DeviceMetricOperationalStatus

|  |  |
| --- | --- |
| Name | DeviceMetricOperationalStatus (Device Metric Operational Status) |
| Description | Describes the operational status of the DeviceMetric. |
| Content | **On:** The DeviceMetric is operating and will generate DeviceObservations. |
|  | **Off:** The DeviceMetric is not operating. |
|  | **Standby:** The DeviceMetric is operating, but will not generate any DeviceObservations. |

## ValueSet: DeviceMetricOperationalStatus

|  |  |
| --- | --- |
| Name | DeviceMetricOperationalStatus (Device Metric Operational Status) |
| Description | Describes the operational status of the DeviceMetric. |

## ValueSet: DeviceSafety

|  |  |
| --- | --- |
| Name | DeviceSafety (Device Safety) |
| Description | Codes used to identify medical devices safety characterics. These codes are taken from the [NCI Thesaurus](https://ncit.nci.nih.gov/ncitbrowser/pages/home.jsf) and are provided here as a suggestive example. |
| Copyright | MRI safety definitions reprinted, with permission, from F2503-08 Standard Practice for Marking Medical Devices and Other Items for Safety in the Magnetic Resonance Environment, copyright ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19428. See [ASTM F2503](https://www.astm.org/Standards/F2503.htm). |

## ValueSet: DeviceUseStatementStatus

|  |  |
| --- | --- |
| Name | DeviceUseStatementStatus (Device Use Statement Status) |
| Description | A coded concept indicating the current status of a the Device Usage |
| Content | **Active:** The device is still being used. |
|  | **Completed:** The device is no longer being used. |
|  | **Entered in Error:** The statement was recorded incorrectly. |
|  | **Intended:** The device may be used at some time in the future. |
|  | **Stopped:** Actions implied by the statement have been permanently halted, before all of them occurred. |
|  | **On Hold:** Actions implied by the statement have been temporarily halted, but are expected to continue later. May also be called "suspended". |

## ValueSet: DeviceUseStatementStatus

|  |  |
| --- | --- |
| Name | DeviceUseStatementStatus (Device Use Statement Status) |
| Description | A coded concept indicating the current status of a the Device Usage |

## ValueSet: DiagnosticReportStatus

|  |  |
| --- | --- |
| Name | DiagnosticReportStatus (Diagnostic Report Status) |
| Description | The status of the diagnostic report as a whole. |
| Content | **Registered:** The existence of the report is registered, but there is nothing yet available. |
|  | **Partial:** This is a partial (e.g. initial, interim or preliminary) report: data in the report may be incomplete or unverified. |
|  | **Preliminary:** Verified early results are available, but not all results are final. |
|  | **Final:** The report is complete and verified by an authorized person. |
|  | **Amended:** Subsequent to being Final, the report has been modified. This includes any change in the results, diagnosis, narrative text, or other content of a report that has been issued. |
|  | **Corrected:** Subsequent to being Final, the report has been modified to correct an error in the report or referenced results. |
|  | **Appended:** Subsequent to being Final, the report has been modified by adding new content. The existing content is unchanged. |
|  | **Cancelled:** The report is unavailable because the measurement was not started or not completed (also sometimes called "aborted"). |
|  | **Entered in Error:** The report has been withdrawn following a previous final release. This electronic record should never have existed, though it is possible that real-world decisions were based on it. (If real-world activity has occurred, the status should be "cancelled" rather than "entered-in-error".) |
|  | **Unknown:** The authoring system does not know which of the status values currently applies for this request. Note: This concept is not to be used for "other" - one of the listed statuses is presumed to apply, it's just not known which one. |

## ValueSet: DiagnosticReportStatus

|  |  |
| --- | --- |
| Name | DiagnosticReportStatus (Diagnostic Report Status) |
| Description | The status of the diagnostic report as a whole. |

## ValueSet: DigitalMediaType

|  |  |
| --- | --- |
| Name | DigitalMediaType (Digital Media Type) |
| Description | Whether the Media is a photo, video, or audio |
| Content | **Photo:** The media consists of one or more unmoving images, including photographs, computer-generated graphs and charts, and scanned documents |
|  | **Video:** The media consists of a series of frames that capture a moving image |
|  | **Audio:** The media consists of a sound recording |

## ValueSet: DigitalMediaType

|  |  |
| --- | --- |
| Name | DigitalMediaType (Digital Media Type) |
| Description | Whether the Media is a photo, video, or audio |

## ValueSet: DiscriminatorType

|  |  |
| --- | --- |
| Name | DiscriminatorType (Discriminator Type) |
| Description | How an element value is interpreted when discrimination is evaluated |
| Content | **Value:** The slices have different values in the nominated element |
|  | **Exists:** The slices are differentiated by the presence or absence of the nominated element |
|  | **Pattern:** The slices have different values in the nominated element, as determined by testing them against the applicable ElementDefinition.pattern[x] |
|  | **Type:** The slices are differentiated by type of the nominated element to a specifed profile |
|  | **Profile:** The slices are differentiated by conformance of the nominated element to a specifed profile |

## ValueSet: DiscriminatorType

|  |  |
| --- | --- |
| Name | DiscriminatorType (Discriminator Type) |
| Description | How an element value is interpreted when discrimination is evaluated |

## ValueSet: DocumentMode

|  |  |
| --- | --- |
| Name | DocumentMode (Document Mode) |
| Description | Whether the application produces or consumes documents. |
| Content | **Producer:** The application produces documents of the specified type. |
|  | **Consumer:** The application consumes documents of the specified type. |

## ValueSet: DocumentMode

|  |  |
| --- | --- |
| Name | DocumentMode (Document Mode) |
| Description | Whether the application produces or consumes documents. |

## ValueSet: DocumentReferenceStatus

|  |  |
| --- | --- |
| Name | DocumentReferenceStatus (Document Reference Status) |
| Description | The status of the document reference. |

## ValueSet: DocumentRelationshipType

|  |  |
| --- | --- |
| Name | DocumentRelationshipType (Document Relationship Type) |
| Description | The type of relationship between documents. |
| Content | **Replaces:** This document logically replaces or supersedes the target document. |
|  | **Transforms:** This document was generated by transforming the target document (e.g. format or language conversion). |
|  | **Signs:** This document is a signature of the target document. |
|  | **Appends:** This document adds additional information to the target document. |

## ValueSet: DocumentRelationshipType

|  |  |
| --- | --- |
| Name | DocumentRelationshipType (Document Relationship Type) |
| Description | The type of relationship between documents. |

## ValueSet: EncounterLocationStatus

|  |  |
| --- | --- |
| Name | EncounterLocationStatus (Encounter Location Status) |
| Description | The status of the location. |
| Content | **Planned:** The patient is planned to be moved to this location at some point in the future. |
|  | **Active:** The patient is currently at this location, or was between the period specified. A system may update these records when the patient leaves the location to either reserved, or completed |
|  | **Reserved:** This location is held empty for this patient. |
|  | **Completed:** The patient was at this location during the period specified. Not to be used when the patient is currently at the location |

## ValueSet: EncounterLocationStatus

|  |  |
| --- | --- |
| Name | EncounterLocationStatus (Encounter Location Status) |
| Description | The status of the location. |

## ValueSet: EncounterStatus

|  |  |
| --- | --- |
| Name | EncounterStatus (Encounter Status) |
| Description | Current state of the encounter |
| Content | **Planned:** The Encounter has not yet started. |
|  | **Arrived:** The Patient is present for the encounter, however is not currently meeting with a practitioner. |
|  | **Triaged:** The patient has been assessed for the priority of their treatment based on the severity of their condition. |
|  | **In Progress:** The Encounter has begun and the patient is present / the practitioner and the patient are meeting. |
|  | **On Leave:** The Encounter has begun, but the patient is temporarily on leave. |
|  | **Finished:** The Encounter has ended. |
|  | **Cancelled:** The Encounter has ended before it has begun. |
|  | **Entered in Error:** This instance should not have been part of this patient's medical record. |
|  | **Unknown:** The encounter status is unknown. Note that "unknown" is a value of last resort and every attempt should be made to provide a meaningful value other than "unknown". |

## ValueSet: EncounterStatus

|  |  |
| --- | --- |
| Name | EncounterStatus (Encounter Status) |
| Description | Current state of the encounter |

## ValueSet: EndpointStatus

|  |  |
| --- | --- |
| Name | EndpointStatus (Endpoint Status) |
| Description | The status of the endpoint |
| Content | **Active:** This endpoint is expected to be active and can be used |
|  | **Suspended:** This endpoint is temporarily unavailable |
|  | **Error:** This endpoint has exceeded connectivity thresholds and is considered in an error state and should no longer be attempted to connect to until corrective action is taken |
|  | **Off:** This endpoint is no longer to be used |
|  | **Entered in error:** This instance should not have been part of this patient's medical record. |
|  | **Test:** This endpoint is not intended for production usage. |

## ValueSet: EndpointStatus

|  |  |
| --- | --- |
| Name | EndpointStatus (Endpoint Status) |
| Description | The status of the endpoint |

## ValueSet: EntityNamePartQualifier

|  |  |
| --- | --- |
| Name | EntityNamePartQualifier (Entity Name Part Qualifier) |
| Description | A set of codes each of which specifies a certain subcategory of the name part in addition to the main name part type |

## ValueSet: EpisodeOfCareStatus

|  |  |
| --- | --- |
| Name | EpisodeOfCareStatus (Episode Of Care Status) |
| Description | The status of the episode of care. |
| Content | **Planned:** This episode of care is planned to start at the date specified in the period.start. During this status an organization may perform assessments to determine if they are eligible to receive services, or be organizing to make resources available to provide care services. |
|  | **Waitlist:** This episode has been placed on a waitlist, pending the episode being made active (or cancelled). |
|  | **Active:** This episode of care is current. |
|  | **On Hold:** This episode of care is on hold, the organization has limited responsibility for the patient (such as while on respite). |
|  | **Finished:** This episode of care is finished at the organization is not expecting to be providing care to the patient. Can also be known as "closed", "completed" or other similar terms. |
|  | **Cancelled:** The episode of care was cancelled, or withdrawn from service, often selected during the planned stage as the patient may have gone elsewhere, or the circumstances have changed and the organization is unable to provide the care. It indicates that services terminated outside the planned/expected workflow. |
|  | **Entered in Error:** This instance should not have been part of this patient's medical record. |

## ValueSet: EpisodeOfCareStatus

|  |  |
| --- | --- |
| Name | EpisodeOfCareStatus (Episode Of Care Status) |
| Description | The status of the episode of care. |

## ValueSet: EventCapabilityMode

|  |  |
| --- | --- |
| Name | EventCapabilityMode (Event Capability Mode) |
| Description | The mode of a message capability statement. |
| Content | **Sender:** The application sends requests and receives responses. |
|  | **Receiver:** The application receives requests and sends responses. |

## ValueSet: EventCapabilityMode

|  |  |
| --- | --- |
| Name | EventCapabilityMode (Event Capability Mode) |
| Description | The mode of a message capability statement. |

## ValueSet: EventStatus

|  |  |
| --- | --- |
| Name | EventStatus (Event Status) |
| Description | Codes identifying the stage lifecycle stage of a event |
| Content | **Preparation:** The core event has not started yet, but some staging activities have begun (e.g. surgical suite preparation). Preparation stages may be tracked for billing purposes. |
|  | **In Progress:** The event is currently occurring |
|  | **Suspended:** The event has been temporarily stopped but is expected to resume in the future |
|  | **Aborted:** The event was prior to the full completion of the intended actions |
|  | **Completed:** The event has now concluded |
|  | **Entered in Error:** This electronic record should never have existed, though it is possible that real-world decisions were based on it. (If real-world activity has occurred, the status should be "cancelled" rather than "entered-in-error".) |
|  | **Unknown:** The authoring system does not know which of the status values currently applies for this request. Note: This concept is not to be used for "other" - one of the listed statuses is presumed to apply, it's just not known which one. |

## ValueSet: EventStatus

|  |  |
| --- | --- |
| Name | EventStatus (Event Status) |
| Description | Codes identifying the stage lifecycle stage of a event |

## ValueSet: EventTiming

|  |  |
| --- | --- |
| Name | EventTiming (Event Timing) |
| Description | Real world event that the relating to the schedule. |
| Content | **Morning:** event occurs during the morning |
|  | **Afternoon:** event occurs during the afternoon |
|  | **Evening:** event occurs during the evening |
|  | **Night:** event occurs during the night |
|  | **After Sleep:** event occurs [offset] after subject goes to sleep |

## ValueSet: EventTiming

|  |  |
| --- | --- |
| Name | EventTiming (Event Timing) |
| Description | Real world event that the relating to the schedule. |

## ValueSet: ExplanationOfBenefitStatus

|  |  |
| --- | --- |
| Name | ExplanationOfBenefitStatus (Explanation Of Benefit Status) |
| Description | A code specifying the state of the resource instance. |
| Content | **Active:** The resource instance is currently in-force. |
|  | **Cancelled:** The resource instance is withdrawn, rescinded or reversed. |
|  | **Draft:** A new resource instance the contents of which is not complete. |
|  | **Entered In Error:** The resource instance was entered in error. |

## ValueSet: ExplanationOfBenefitStatus

|  |  |
| --- | --- |
| Name | ExplanationOfBenefitStatus (Explanation Of Benefit Status) |
| Description | A code specifying the state of the resource instance. |

## ValueSet: ExtensionContext

|  |  |
| --- | --- |
| Name | ExtensionContext (Extension Context) |
| Description | How an extension context is interpreted. |
| Content | **Resource:** The context is all elements matching a particular resource element path. |
|  | **Datatype:** The context is all nodes matching a particular data type element path (root or repeating element) or all elements referencing a particular primitive data type (expressed as the datatype name). |
|  | **Extension:** The context is a particular extension from a particular profile, a uri that identifies the extension definition. |

## ValueSet: ExtensionContext

|  |  |
| --- | --- |
| Name | ExtensionContext (Extension Context) |
| Description | How an extension context is interpreted. |

## ValueSet: FHIRAllTypes

|  |  |
| --- | --- |
| Name | FHIRAllTypes (F H I R All Types) |
| Description | Either an abstract type, a resource or a data type. |

## ValueSet: FHIRDefinedType

|  |  |
| --- | --- |
| Name | FHIRDefinedType (F H I R Defined Type) |
| Description | Either a resource or a data type. |

## ValueSet: FHIRDeviceStatus

|  |  |
| --- | --- |
| Name | FHIRDeviceStatus (F H I R Device Status) |
| Description | The availability status of the device. |
| Content | **Active:** The Device is available for use. Note: This means for \*implanted devices\* the device is implanted in the patient. |
|  | **Inactive:** The Device is no longer available for use (e.g. lost, expired, damaged). Note: This means for \*implanted devices\* the device has been removed from the patient. |
|  | **Entered in Error:** The Device was entered in error and voided. |
|  | **Unknown:** The status of the device has not been determined. |

## ValueSet: FHIRDeviceStatus

|  |  |
| --- | --- |
| Name | FHIRDeviceStatus (F H I R Device Status) |
| Description | The availability status of the device. |

## ValueSet: FHIRSubstanceStatus

|  |  |
| --- | --- |
| Name | FHIRSubstanceStatus (F H I R Substance Status) |
| Description | A code to indicate if the substance is actively used |
| Content | **Active:** The substance is considered for use or reference |
|  | **Inactive:** The substance is considered for reference, but not for use |
|  | **Entered in Error:** The substance was entered in error |

## ValueSet: FHIRSubstanceStatus

|  |  |
| --- | --- |
| Name | FHIRSubstanceStatus (F H I R Substance Status) |
| Description | A code to indicate if the substance is actively used |

## ValueSet: FamilyHistoryNotDoneReason

|  |  |
| --- | --- |
| Name | FamilyHistoryNotDoneReason (Family History Not Done Reason) |
| Description | Codes describing the reason why a family member history was not done. |
| Content | **Subject Unknown:** Patient does not know the subject, e.g. the biological parent of an adopted patient. |
|  | **Information Withheld:** The patient withheld or refused to share the information. |
|  | **Unable To Obtain:** Information cannot be obtained; e.g. unconscious patient |
|  | **Deferred:** Patient does not have the information now, but can provide the information at a later date. |

## ValueSet: FamilyHistoryNotDoneReason

|  |  |
| --- | --- |
| Name | FamilyHistoryNotDoneReason (Family History Not Done Reason) |
| Description | Codes describing the reason why a family member history was not done. |

## ValueSet: FamilyHistoryStatus

|  |  |
| --- | --- |
| Name | FamilyHistoryStatus (Family History Status) |
| Description | A code that identifies the status of the family history record. |
| Content | **Partial:** Some health information is known and captured, but not complete - see notes for details. |
|  | **Completed:** All available related health information is captured as of the date (and possibly time) when the family member history was taken. |
|  | **Entered in error:** This instance should not have been part of this patient's medical record. |
|  | **Health unknown:** Health information for this individual is unavailable/unknown. |

## ValueSet: FamilyHistoryStatus

|  |  |
| --- | --- |
| Name | FamilyHistoryStatus (Family History Status) |
| Description | A code that identifies the status of the family history record. |

## ValueSet: FilterOperator

|  |  |
| --- | --- |
| Name | FilterOperator (Filter Operator) |
| Description | The kind of operation to perform as a part of a property based filter. |
| Content | **Equals:** The specified property of the code equals the provided value. |
|  | **Is A (by subsumption):** Includes all concept ids that have a transitive is-a relationship with the concept Id provided as the value, including the provided concept itself (i.e. include child codes) |
|  | **Descendent Of (by subsumption):** Includes all concept ids that have a transitive is-a relationship with the concept Id provided as the value, excluding the provided concept itself (i.e. include child codes) |
|  | **Not (Is A) (by subsumption):** The specified property of the code does not have an is-a relationship with the provided value. |
|  | **Regular Expression:** The specified property of the code matches the regex specified in the provided value. |
|  | **In Set:** The specified property of the code is in the set of codes or concepts specified in the provided value (comma separated list). |
|  | **Not in Set:** The specified property of the code is not in the set of codes or concepts specified in the provided value (comma separated list). |
|  | **Generalizes (by Subsumption):** Includes all concept ids that have a transitive is-a relationship from the concept Id provided as the value, including the provided concept itself (e.g. include parent codes) |
|  | **Exists:** The specified property of the code has at least one value (if the specified value is true; if the specified value is false, then matches when the specified property of the code has no values) |

## ValueSet: FilterOperator

|  |  |
| --- | --- |
| Name | FilterOperator (Filter Operator) |
| Description | The kind of operation to perform as a part of a property based filter. |

## ValueSet: FlagStatus

|  |  |
| --- | --- |
| Name | FlagStatus (Flag Status) |
| Description | Indicates whether this flag is active and needs to be displayed to a user, or whether it is no longer needed or entered in error. |
| Content | **Active:** A current flag that should be displayed to a user. A system may use the category to determine which roles should view the flag. |
|  | **Inactive:** The flag does not need to be displayed any more. |
|  | **Entered in Error:** The flag was added in error, and should no longer be displayed. |

## ValueSet: FlagStatus

|  |  |
| --- | --- |
| Name | FlagStatus (Flag Status) |
| Description | Indicates whether this flag is active and needs to be displayed to a user, or whether it is no longer needed or entered in error. |

## ValueSet: GoalAcceptanceStatus

|  |  |
| --- | --- |
| Name | GoalAcceptanceStatus (Goal Acceptance Status) |
| Description | Codes indicating whether the goal has been accepted by a stakeholder |
| Content | **Agree:** Stakeholder supports pursuit of the goal |
|  | **Disagree:** Stakeholder is not in support of the pursuit of the goal |
|  | **Pending:** Stakeholder has not yet made a decision on whether they support the goal |

## ValueSet: GoalAcceptanceStatus

|  |  |
| --- | --- |
| Name | GoalAcceptanceStatus (Goal Acceptance Status) |
| Description | Codes indicating whether the goal has been accepted by a stakeholder |

## ValueSet: GoalRelationshipType

|  |  |
| --- | --- |
| Name | GoalRelationshipType (Goal Relationship Type) |
| Description | Types of relationships between two goals |
| Content | **Predecessor:** Indicates that the target goal is one which must be met before striving for the current goal |
|  | **Successor:** Indicates that the target goal is a desired objective once the current goal is met |
|  | **Replacement:** Indicates that this goal has been replaced by the target goal |
|  | **Milestone:** Indicates that the target goal is considered to be a "piece" of attaining this goal. |
|  | **Other:** Indicates that the relationship is not covered by one of the pre-defined codes. (An extension may convey more information about the meaning of the relationship.) |

## ValueSet: GoalRelationshipType

|  |  |
| --- | --- |
| Name | GoalRelationshipType (Goal Relationship Type) |
| Description | Types of relationships between two goals |

## ValueSet: GoalStatus

|  |  |
| --- | --- |
| Name | GoalStatus (Goal Status) |
| Description | Indicates whether the goal has been met and is still being targeted |
| Content | **Proposed:** A goal is proposed for this patient |
|  | **Accepted:** A proposed goal was accepted or acknowledged |
|  | **Planned:** A goal is planned for this patient |
|  | **In Progress:** The goal is being sought but has not yet been reached. (Also applies if goal was reached in the past but there has been regression and goal is being sought again) |
|  | **On Target:** The goal is on schedule for the planned timelines |
|  | **Ahead of Target:** The goal is ahead of the planned timelines |
|  | **Behind Target:** The goal is behind the planned timelines |
|  | **Sustaining:** The goal has been met, but ongoing activity is needed to sustain the goal objective |
|  | **Achieved:** The goal has been met and no further action is needed |
|  | **On Hold:** The goal remains a long term objective but is no longer being actively pursued for a temporary period of time. |
|  | **Cancelled:** The previously accepted goal is no longer being sought |
|  | **Entered In Error:** The goal was entered in error and voided. |
|  | **Rejected:** A proposed goal was rejected |

## ValueSet: GoalStatus

|  |  |
| --- | --- |
| Name | GoalStatus (Goal Status) |
| Description | Indicates whether the goal has been met and is still being targeted |

## ValueSet: GraphCompartmentRule

|  |  |
| --- | --- |
| Name | GraphCompartmentRule (Graph Compartment Rule) |
| Description | How a compartment must be linked |
| Content | **Identical:** The compartment must be identical (the same literal reference) |
|  | **Matching:** The compartment must be the same - the record must be about the same patient, but the reference may be different |
|  | **Different:** The compartment must be different |
|  | **Custom:** The compartment rule is defined in the accompanying FHIRPath expression |

## ValueSet: GraphCompartmentRule

|  |  |
| --- | --- |
| Name | GraphCompartmentRule (Graph Compartment Rule) |
| Description | How a compartment must be linked |

## ValueSet: GroupType

|  |  |
| --- | --- |
| Name | GroupType (Group Type) |
| Description | Types of resources that are part of group |
| Content | **Person:** Group contains "person" Patient resources |
|  | **Animal:** Group contains "animal" Patient resources |
|  | **Practitioner:** Group contains healthcare practitioner resources |
|  | **Device:** Group contains Device resources |
|  | **Medication:** Group contains Medication resources |
|  | **Substance:** Group contains Substance resources |

## ValueSet: GroupType

|  |  |
| --- | --- |
| Name | GroupType (Group Type) |
| Description | Types of resources that are part of group |

## ValueSet: GuidanceResponseStatus

|  |  |
| --- | --- |
| Name | GuidanceResponseStatus (Guidance Response Status) |
| Description | The status of a guidance response |
| Content | **Success:** The request was processed successfully |
|  | **Data Requested:** The request was processed successfully, but more data may result in a more complete evaluation |
|  | **Data Required:** The request was processed, but more data is required to complete the evaluation |
|  | **In Progress:** The request is currently being processed |
|  | **Failure:** The request was not processed successfully |
|  | **Entered In Error:** The response was entered in error |

## ValueSet: GuidanceResponseStatus

|  |  |
| --- | --- |
| Name | GuidanceResponseStatus (Guidance Response Status) |
| Description | The status of a guidance response |

## ValueSet: GuideDependencyType

|  |  |
| --- | --- |
| Name | GuideDependencyType (Guide Dependency Type) |
| Description | How a dependency is represented when the guide is published. |
| Content | **Reference:** The guide is referred to by URL. |
|  | **Inclusion:** The guide is embedded in this guide when published. |

## ValueSet: GuideDependencyType

|  |  |
| --- | --- |
| Name | GuideDependencyType (Guide Dependency Type) |
| Description | How a dependency is represented when the guide is published. |

## ValueSet: GuidePageKind

|  |  |
| --- | --- |
| Name | GuidePageKind (Guide Page Kind) |
| Description | The kind of an included page. |
| Content | **Page:** This is a page of content that is included in the implementation guide. It has no particular function. |
|  | **Example:** This is a page that represents a human readable rendering of an example. |
|  | **List:** This is a page that represents a list of resources of one or more types. |
|  | **Include:** This is a page showing where an included guide is injected. |
|  | **Directory:** This is a page that lists the resources of a given type, and also creates pages for all the listed types as other pages in the section. |
|  | **Dictionary:** This is a page that creates the listed resources as a dictionary. |
|  | **Table Of Contents:** This is a generated page that contains the table of contents. |
|  | **Resource:** This is a page that represents a presented resource. This is typically used for generated conformance resource presentations. |

## ValueSet: GuidePageKind

|  |  |
| --- | --- |
| Name | GuidePageKind (Guide Page Kind) |
| Description | The kind of an included page. |

## ValueSet: HL7Workgroup

|  |  |
| --- | --- |
| Name | HL7Workgroup (H L7 Workgroup) |
| Description | An HL7 administrative unit that owns artifacts in the FHIR specification |
| Content | **Community Based Collaborative Care:** Community Based Collaborative Care (http://www.hl7.org/Special/committees/cbcc/index.cfm) |
|  | **Clinical Decision Support:** Clinical Decision Support (http://www.hl7.org/Special/committees/dss/index.cfm) |
|  | **Clinical Quality Information:** Clinical Quality Information (http://www.hl7.org/Special/committees/cqi/index.cfm) |
|  | **Clinical Genomics:** Clinical Genomics (http://www.hl7.org/Special/committees/clingenomics/index.cfm) |
|  | **Health Care Devices:** Health Care Devices (http://www.hl7.org/Special/committees/healthcaredevices/index.cfm) |
|  | **Electronic Health Records:** Electronic Health Records (http://www.hl7.org/special/committees/ehr/index.cfm) |
|  | **FHIR Infrastructure:** FHIR Infrastructure (http://www.hl7.org/Special/committees/fiwg/index.cfm) |
|  | **Financial Management:** Financial Management (http://www.hl7.org/Special/committees/fm/index.cfm) |
|  | **Health Standards Integration:** Health Standards Integration (http://www.hl7.org/Special/committees/hsi/index.cfm) |
|  | **Imaging Integration:** Imaging Integration (http://www.hl7.org/Special/committees/imagemgt/index.cfm) |
|  | **Infrastructure And Messaging:** Infrastructure And Messaging (http://www.hl7.org/special/committees/inm/index.cfm) |
|  | **Implementable Technology Specifications:** Implementable Technology Specifications (http://www.hl7.org/special/committees/xml/index.cfm) |
|  | **Orders and Observations:** Orders and Observations (http://www.hl7.org/Special/committees/orders/index.cfm) |
|  | **Patient Administration:** Patient Administration (http://www.hl7.org/Special/committees/pafm/index.cfm) |
|  | **Patient Care:** Patient Care (http://www.hl7.org/Special/committees/patientcare/index.cfm) |
|  | **Public Health and Emergency Response:** Public Health and Emergency Response (http://www.hl7.org/Special/committees/pher/index.cfm) |
|  | **Pharmacy:** Pharmacy (http://www.hl7.org/Special/committees/medication/index.cfm) |
|  | **Regulated Clinical Research Information Management:** Regulated Clinical Research Information Management (http://www.hl7.org/Special/committees/rcrim/index.cfm) |
|  | **Structured Documents:** Structured Documents (http://www.hl7.org/Special/committees/structure/index.cfm) |
|  | **Security:** Security (http://www.hl7.org/Special/committees/secure/index.cfm) |
|  | **US Realm Taskforce:** US Realm Taskforce (http://wiki.hl7.org/index.php?title=US\_Realm\_Task\_Force) |
|  | **Vocabulary:** Vocabulary (http://www.hl7.org/Special/committees/Vocab/index.cfm) |
|  | **Application Implementation and Design:** Application Implementation and Design (http://www.hl7.org/Special/committees/java/index.cfm) |

## ValueSet: HL7Workgroup

|  |  |
| --- | --- |
| Name | HL7Workgroup (H L7 Workgroup) |
| Description | An HL7 administrative unit that owns artifacts in the FHIR specification |

## ValueSet: HTTPVerb

|  |  |
| --- | --- |
| Name | HTTPVerb (H T T P Verb) |
| Description | HTTP verbs (in the HTTP command line). |
| Content | **GET:** HTTP GET |
|  | **POST:** HTTP POST |
|  | **PUT:** HTTP PUT |
|  | **DELETE:** HTTP DELETE |

## ValueSet: HTTPVerb

|  |  |
| --- | --- |
| Name | HTTPVerb (H T T P Verb) |
| Description | HTTP verbs (in the HTTP command line). |

## ValueSet: HumanNameAssemblyOrder

|  |  |
| --- | --- |
| Name | HumanNameAssemblyOrder (Human Name Assembly Order) |
| Description | A code that represents the preferred display order of the components of a human name |
| Content | **Own Name:** |
|  | **Partner Name:** |
|  | **Partner Name followed by Maiden Name:** |
|  | **Own Name followed by Partner Name:** |

## ValueSet: HumanNameAssemblyOrder

|  |  |
| --- | --- |
| Name | HumanNameAssemblyOrder (Human Name Assembly Order) |
| Description | A code that represents the preferred display order of the components of a human name |

## ValueSet: Identifier Type Codes

|  |  |
| --- | --- |
| Name | Identifier Type Codes (Identifier Type Codes) |
| Description | A coded type for an identifier that can be used to determine which identifier to use for a specific purpose. |
| Content | **Universal Device Identifier:** A identifier assigned to a device using the Universal Device Identifier framework as defined by FDA (http://www.fda.gov/MedicalDevices/DeviceRegulationandGuidance/UniqueDeviceIdentification/). |
|  | **Serial Number:** An identifier affixed to an item by the manufacturer when it is first made, where each item has a different identifier. |
|  | **Social Beneficiary Identifier:** An identifier issued by a governmental organization to an individual for the purpose of the receipt of social services and benefits. |
|  | **Placer Identifier:** The identifier associated with the person or service that requests or places an order. |
|  | **Filler Identifier:** The Identifier associated with the person, or service, who produces the observations or fulfills the order requested by the requestor. |

## ValueSet: Identifier Type Codes

|  |  |
| --- | --- |
| Name | Identifier Type Codes (Identifier Type Codes) |
| Description | A coded type for an identifier that can be used to determine which identifier to use for a specific purpose. |

## ValueSet: IdentifierUse

|  |  |
| --- | --- |
| Name | IdentifierUse (Identifier Use) |
| Description | Identifies the purpose for this identifier, if known . |
| Content | **Usual:** The identifier recommended for display and use in real-world interactions. |
|  | **Official:** The identifier considered to be most trusted for the identification of this item. |
|  | **Temp:** A temporary identifier. |
|  | **Secondary:** An identifier that was assigned in secondary use - it serves to identify the object in a relative context, but cannot be consistently assigned to the same object again in a different context. |

## ValueSet: IdentifierUse

|  |  |
| --- | --- |
| Name | IdentifierUse (Identifier Use) |
| Description | Identifies the purpose for this identifier, if known . |

## ValueSet: IdentityAssuranceLevel

|  |  |
| --- | --- |
| Name | IdentityAssuranceLevel (Identity Assurance Level) |
| Description | The level of confidence that this link represents the same actual person, based on NIST Authentication Levels. |
| Content | **Level 1:** Little or no confidence in the asserted identity's accuracy. |
|  | **Level 2:** Some confidence in the asserted identity's accuracy. |
|  | **Level 3:** High confidence in the asserted identity's accuracy. |
|  | **Level 4:** Very high confidence in the asserted identity's accuracy. |

## ValueSet: IdentityAssuranceLevel

|  |  |
| --- | --- |
| Name | IdentityAssuranceLevel (Identity Assurance Level) |
| Description | The level of confidence that this link represents the same actual person, based on NIST Authentication Levels. |

## ValueSet: Implant Status

|  |  |
| --- | --- |
| Name | Implant Status (Implant Status) |
| Description | A set codes that define the functional status of an implanted device. |
| Content | **Functional:** The implanted device is working normally |
|  | **Non-Functional:** The implanted device is not working |
|  | **Disabled:** The implanted device has been turned off |
|  | **Unknown:** the functional status of the implant has not been determined |

## ValueSet: Implant Status

|  |  |
| --- | --- |
| Name | Implant Status (Implant Status) |
| Description | A set codes that define the functional status of an implanted device. |

## ValueSet: InstanceAvailability

|  |  |
| --- | --- |
| Name | InstanceAvailability (Instance Availability) |
| Description | Availability of the resource |
| Copyright | These codes are excerpted from Digital Imaging and Communications in Medicine (DICOM) Standard, Part 16: Content Mapping Resource, Copyright 2011 by the National Electrical Manufacturers Association |

## ValueSet: IssueSeverity

|  |  |
| --- | --- |
| Name | IssueSeverity (Issue Severity) |
| Description | How the issue affects the success of the action. |
| Content | **Fatal:** The issue caused the action to fail, and no further checking could be performed. |
|  | **Error:** The issue is sufficiently important to cause the action to fail. |
|  | **Warning:** The issue is not important enough to cause the action to fail, but may cause it to be performed suboptimally or in a way that is not as desired. |
|  | **Information:** The issue has no relation to the degree of success of the action. |

## ValueSet: IssueSeverity

|  |  |
| --- | --- |
| Name | IssueSeverity (Issue Severity) |
| Description | How the issue affects the success of the action. |

## ValueSet: IssueType

|  |  |
| --- | --- |
| Name | IssueType (Issue Type) |
| Description | A code that describes the type of issue. |
| Content | **Invalid Content:** Content invalid against the specification or a profile. |
|  | **Structural Issue:** A structural issue in the content such as wrong namespace, or unable to parse the content completely, or invalid json syntax. |
|  | **Required element missing:** A required element is missing. |
|  | **Element value invalid:** An element value is invalid. |
|  | **Validation rule failed:** A content validation rule failed - e.g. a schematron rule. |
|  | **Security Problem:** An authentication/authorization/permissions issue of some kind. |
|  | **Login Required:** The client needs to initiate an authentication process. |
|  | **Unknown User:** The user or system was not able to be authenticated (either there is no process, or the proferred token is unacceptable). |
|  | **Session Expired:** User session expired; a login may be required. |
|  | **Forbidden:** The user does not have the rights to perform this action. |
|  | **Information Suppressed:** Some information was not or may not have been returned due to business rules, consent or privacy rules, or access permission constraints. This information may be accessible through alternate processes. |
|  | **Processing Failure:** Processing issues. These are expected to be final e.g. there is no point resubmitting the same content unchanged. |
|  | **Content not supported:** The resource or profile is not supported. |
|  | **Duplicate:** An attempt was made to create a duplicate record. |
|  | **Not Found:** The reference provided was not found. In a pure RESTful environment, this would be an HTTP 404 error, but this code may be used where the content is not found further into the application architecture. |
|  | **Content Too Long:** Provided content is too long (typically, this is a denial of service protection type of error). |
|  | **Invalid Code:** The code or system could not be understood, or it was not valid in the context of a particular ValueSet.code. |
|  | **Unacceptable Extension:** An extension was found that was not acceptable, could not be resolved, or a modifierExtension was not recognized. |
|  | **Operation Too Costly:** The operation was stopped to protect server resources; e.g. a request for a value set expansion on all of SNOMED CT. |
|  | **Business Rule Violation:** The content/operation failed to pass some business rule, and so could not proceed. |
|  | **Edit Version Conflict:** Content could not be accepted because of an edit conflict (i.e. version aware updates) (In a pure RESTful environment, this would be an HTTP 404 error, but this code may be used where the conflict is discovered further into the application architecture.) |
|  | **Incomplete Results:** Not all data sources typically accessed could be reached, or responded in time, so the returned information may not be complete. |
|  | **Transient Issue:** Transient processing issues. The system receiving the error may be able to resubmit the same content once an underlying issue is resolved. |
|  | **Lock Error:** A resource/record locking failure (usually in an underlying database). |
|  | **No Store Available:** The persistent store is unavailable; e.g. the database is down for maintenance or similar action. |
|  | **Exception:** An unexpected internal error has occurred. |
|  | **Timeout:** An internal timeout has occurred. |
|  | **Throttled:** The system is not prepared to handle this request due to load management. |
|  | **Informational Note:** A message unrelated to the processing success of the completed operation (examples of the latter include things like reminders of password expiry, system maintenance times, etc.). |

## ValueSet: IssueType

|  |  |
| --- | --- |
| Name | IssueType (Issue Type) |
| Description | A code that describes the type of issue. |

## ValueSet: KOStitle

|  |  |
| --- | --- |
| Name | KOStitle (K O Stitle) |
| Description | The document title code of key object selection |
| Copyright | These codes are excerpted from Digital Imaging and Communications in Medicine (DICOM) Standard, Part 16: Content Mapping Resource, Copyright 2011 by the National Electrical Manufacturers Association. |

## ValueSet: LDLCodes

|  |  |
| --- | --- |
| Name | LDLCodes (L D L Codes) |
| Description | LDL Cholesterol codes - measured or calculated |
| Copyright | This content from LOINCÂ© is copyright Â© 1995 Regenstrief Institute, Inc. and the LOINC Committee, and available at no cost under the license at http://loinc.org/terms-of-use. |

## ValueSet: LOINC 48002-0 answerlist

|  |  |
| --- | --- |
| Name | LOINC 48002-0 answerlist (L O I N C 48002-0 answerlist) |
| Description | LOINC answer list for Genomic source class |
| Content | **Germline:** Germline |
|  | **Somatic:** Somatic |
|  | **Prenatal:** Prenatal |
|  | **Likely Germline:** Likely Germline |
|  | **Likely Somatic:** Likely Somatic |
|  | **Likely Prenatal:** Likely Prenatal |
|  | **Unknown Genomic Origin:** Unknown Genomic Origin |

## ValueSet: LOINC 48002-0 answerlist

|  |  |
| --- | --- |
| Name | LOINC 48002-0 answerlist (L O I N C 48002-0 answerlist) |
| Description | LOINC answer list for Genomic source class |

## ValueSet: LOINC 48019-4 answerlist

|  |  |
| --- | --- |
| Name | LOINC 48019-4 answerlist (L O I N C 48019-4 answerlist) |
| Description | LOINC answer list for Type of variation |
| Content | **Wild type:** Wild type |
|  | **Deletion:** Deletion |
|  | **Duplication:** Duplication |
|  | **Insertion:** Insertion |
|  | **Insertion/Deletion:** Insertion/Deletion |
|  | **Inversion:** Inversion |
|  | **Substitution:** Substitution |

## ValueSet: LOINC 48019-4 answerlist

|  |  |
| --- | --- |
| Name | LOINC 48019-4 answerlist (L O I N C 48019-4 answerlist) |
| Description | LOINC answer list for Type of variation |

## ValueSet: LOINC 53034-5 answerlist

|  |  |
| --- | --- |
| Name | LOINC 53034-5 answerlist (L O I N C 53034-5 answerlist) |
| Description | LOINC answer list for AllelicState |
| Content | **Heteroplasmic:** Heteroplasmic |
|  | **Homoplasmic:** Homoplasmic |
|  | **Homozygous:** Homozygous |
|  | **Heterozygous:** Heterozygous |
|  | **Hemizygous:** Hemizygous |

## ValueSet: LOINC 53034-5 answerlist

|  |  |
| --- | --- |
| Name | LOINC 53034-5 answerlist (L O I N C 53034-5 answerlist) |
| Description | LOINC answer list for AllelicState |

## ValueSet: LibraryType

|  |  |
| --- | --- |
| Name | LibraryType (Library Type) |
| Description | The type of knowledge asset this library contains |
| Content | **Logic Library:** The resource is a shareable library of formalized knowledge |
|  | **Model Definition:** The resource is a definition of an information model |
|  | **Asset Collection:** The resource is a collection of knowledge assets |
|  | **Module Definition:** The resource defines the dependencies, parameters, and data requirements for a particular module or evaluation context |

## ValueSet: LibraryType

|  |  |
| --- | --- |
| Name | LibraryType (Library Type) |
| Description | The type of knowledge asset this library contains |

## ValueSet: LinkType

|  |  |
| --- | --- |
| Name | LinkType (Link Type) |
| Description | The type of link between this patient resource and another patient resource. |
| Content | **Replaced-by:** The patient resource containing this link must no longer be used. The link points forward to another patient resource that must be used in lieu of the patient resource that contains this link. |
|  | **Replaces:** The patient resource containing this link is the current active patient record. The link points back to an inactive patient resource that has been merged into this resource, and should be consulted to retrieve additional referenced information. |
|  | **Refer:** The patient resource containing this link is in use and valid but not considered the main source of information about a patient. The link points forward to another patient resource that should be consulted to retrieve additional patient information. |
|  | **See also:** The patient resource containing this link is in use and valid, but points to another patient resource that is known to contain data about the same person. Data in this resource might overlap or contradict information found in the other patient resource. This link does not indicate any relative importance of the resources concerned, and both should be regarded as equally valid. |

## ValueSet: LinkType

|  |  |
| --- | --- |
| Name | LinkType (Link Type) |
| Description | The type of link between this patient resource and another patient resource. |

## ValueSet: LinkageType

|  |  |
| --- | --- |
| Name | LinkageType (Linkage Type) |
| Description | Used to distinguish different roles a resource can play within a set of linked resources |
| Content | **Source of truth:** The record represents the "source of truth" (from the perspective of this Linkage resource) for the underlying event/condition/etc. |
|  | **Alternate record:** The record represents the alternative view of the underlying event/condition/etc. The record may still be actively maintained, even though it is not considered to be the source of truth. |
|  | **Historical/obsolete record:** The record represents an obsolete record of the underlyng event/condition/etc. It is not expected to be actively maintained. |

## ValueSet: LinkageType

|  |  |
| --- | --- |
| Name | LinkageType (Linkage Type) |
| Description | Used to distinguish different roles a resource can play within a set of linked resources |

## ValueSet: ListMode

|  |  |
| --- | --- |
| Name | ListMode (List Mode) |
| Description | The processing mode that applies to this list |
| Content | **Working List:** This list is the master list, maintained in an ongoing fashion with regular updates as the real world list it is tracking changes |
|  | **Snapshot List:** This list was prepared as a snapshot. It should not be assumed to be current |
|  | **Change List:** A list that indicates where changes have been made or recommended |

## ValueSet: ListMode

|  |  |
| --- | --- |
| Name | ListMode (List Mode) |
| Description | The processing mode that applies to this list |

## ValueSet: ListStatus

|  |  |
| --- | --- |
| Name | ListStatus (List Status) |
| Description | The current state of the list |
| Content | **Current:** The list is considered to be an active part of the patient's record. |
|  | **Retired:** The list is "old" and should no longer be considered accurate or relevant. |
|  | **Entered In Error:** The list was never accurate. It is retained for medico-legal purposes only. |

## ValueSet: ListStatus

|  |  |
| --- | --- |
| Name | ListStatus (List Status) |
| Description | The current state of the list |

## ValueSet: LocationMode

|  |  |
| --- | --- |
| Name | LocationMode (Location Mode) |
| Description | Indicates whether a resource instance represents a specific location or a class of locations. |
| Content | **Instance:** The Location resource represents a specific instance of a location (e.g. Operating Theatre 1A). |
|  | **Kind:** The Location represents a class of locations (e.g. Any Operating Theatre) although this class of locations could be constrained within a specific boundary (such as organization, or parent location, address etc.). |

## ValueSet: LocationMode

|  |  |
| --- | --- |
| Name | LocationMode (Location Mode) |
| Description | Indicates whether a resource instance represents a specific location or a class of locations. |

## ValueSet: LocationStatus

|  |  |
| --- | --- |
| Name | LocationStatus (Location Status) |
| Description | Indicates whether the location is still in use. |
| Content | **Active:** The location is operational. |
|  | **Suspended:** The location is temporarily closed. |
|  | **Inactive:** The location is no longer used. |

## ValueSet: LocationStatus

|  |  |
| --- | --- |
| Name | LocationStatus (Location Status) |
| Description | Indicates whether the location is still in use. |

## ValueSet: MPIMatch

|  |  |
| --- | --- |
| Name | MPIMatch (M P I Match) |
| Description | A Master Patient Index (MPI) assessment of whether a candidate patient record is a match or not. |
| Content | **Certain Match:** This record meets the MPI criteria to be automatically considered as a full match. |
|  | **Probable Match:** This record is a close match, but not a certain match. Additional review (e.g. by a human) may be required before using this as a match. |
|  | **Possible Match:** This record may be a matching one. Additional review (e.g. by a human) SHOULD be performed before using this as a match. |
|  | **Certainly Not a Match:** This record is known not to be a match. Note that usually non-matching records are not returned, but in some cases records previously or likely considered as a match may specifically be negated by the MPI. |

## ValueSet: MPIMatch

|  |  |
| --- | --- |
| Name | MPIMatch (M P I Match) |
| Description | A Master Patient Index (MPI) assessment of whether a candidate patient record is a match or not. |

## ValueSet: MatchGrade

|  |  |
| --- | --- |
| Name | MatchGrade (Match Grade) |
| Description | A Master Patient Index (MPI) assessment of whether a candidate patient record is a match or not. |
| Content | **Certain Match:** This record meets the matching criteria to be automatically considered as a full match. |
|  | **Probable Match:** This record is a close match, but not a certain match. Additional review (e.g. by a human) may be required before using this as a match. |
|  | **Possible Match:** This record may be a matching one. Additional review (e.g. by a human) SHOULD be performed before using this as a match. |
|  | **Certainly Not a Match:** This record is known not to be a match. Note that usually non-matching records are not returned, but in some cases records previously or likely considered as a match may specifically be negated by the matching engine |

## ValueSet: MatchGrade

|  |  |
| --- | --- |
| Name | MatchGrade (Match Grade) |
| Description | A Master Patient Index (MPI) assessment of whether a candidate patient record is a match or not. |

## ValueSet: MaxOccurs

|  |  |
| --- | --- |
| Name | MaxOccurs (Max Occurs) |
| Description | Flags an element as having unlimited repetitions |
| Content | **Repeating:** Element can repeat an unlimited number of times |

## ValueSet: MaxOccurs

|  |  |
| --- | --- |
| Name | MaxOccurs (Max Occurs) |
| Description | Flags an element as having unlimited repetitions |

## ValueSet: MeasmntPrinciple

|  |  |
| --- | --- |
| Name | MeasmntPrinciple (Measmnt Principle) |
| Description | Different measurement principle supported by the device. |
| Content | **MSP Other:** Measurement principle isn't in the list. |
|  | **MSP Chemical:** Measurement is done using the chemical principle. |
|  | **MSP Electrical:** Measurement is done using the electrical principle. |
|  | **MSP Impedance:** Measurement is done using the impedance principle. |
|  | **MSP Nuclear:** Measurement is done using the nuclear principle. |
|  | **MSP Optical:** Measurement is done using the optical principle. |
|  | **MSP Thermal:** Measurement is done using the thermal principle. |
|  | **MSP Biological:** Measurement is done using the biological principle. |
|  | **MSP Mechanical:** Measurement is done using the mechanical principle. |
|  | **MSP Acoustical:** Measurement is done using the acoustical principle. |
|  | **MSP Manual:** Measurement is done using the manual principle. |

## ValueSet: MeasmntPrinciple

|  |  |
| --- | --- |
| Name | MeasmntPrinciple (Measmnt Principle) |
| Description | Different measurement principle supported by the device. |

## ValueSet: MeasureDataUsage

|  |  |
| --- | --- |
| Name | MeasureDataUsage (Measure Data Usage) |
| Description | The intended usage for supplemental data elements in the measure |
| Content | **Supplemental Data:** The data is intended to be provided as additional information alongside the measure results |
|  | **Risk Adjustment Factor:** The data is intended to be used to calculate and apply a risk adjustment model for the measure |

## ValueSet: MeasureDataUsage

|  |  |
| --- | --- |
| Name | MeasureDataUsage (Measure Data Usage) |
| Description | The intended usage for supplemental data elements in the measure |

## ValueSet: MeasurePopulationType

|  |  |
| --- | --- |
| Name | MeasurePopulationType (Measure Population Type) |
| Description | The type of population |
| Content | **Initial Population:** The initial population refers to all patients or events to be evaluated by a quality measure involving patients who share a common set of specified characterstics. All patients or events counted (for example, as numerator, as denominator) are drawn from the initial population |
|  | **Numerator:** The upper portion of a fraction used to calculate a rate, proportion, or ratio. Also called the measure focus, it is the target process, condition, event, or outcome. Numerator criteria are the processes or outcomes expected for each patient, or event defined in the denominator. A numerator statement describes the clinical action that satisfies the conditions of the measure |
|  | **Numerator Exclusion:** Numerator exclusion criteria define patients or events to be removed from the numerator. Numerator exclusions are used in proportion and ratio measures to help narrow the numerator (for inverted measures) |
|  | **Denominator:** The lower portion of a fraction used to calculate a rate, proportion, or ratio. The denominator can be the same as the initial population, or a subset of the initial population to further constrain the population for the purpose of the measure |
|  | **Denominator Exclusion:** Denominator exclusion criteria define patients or events that should be removed from the denominator before determining if numerator criteria are met. Denominator exclusions are used in proportion and ratio measures to help narrow the denominator. For example, patients with bilateral lower extremity amputations would be listed as a denominator exclusion for a measure requiring foot exams |
|  | **Denominator Exception:** Denominator exceptions are conditions that should remove a patient or event from the denominator of a measure only if the numerator criteria are not met. Denominator exception allows for adjustment of the calculated score for those providers with higher risk populations. Denominator exception criteria are only used in proportion measures |
|  | **Measure Population:** Measure population criteria define the patients or events for which the individual observation for the measure should be taken. Measure populations are used for continuous variable measures rather than numerator and denominator criteria |
|  | **Measure Population Exclusion:** Measure population criteria define the patients or events that should be removed from the measure population before determining the outcome of one or more continuous variables defined for the measure observation. Measure population exclusion criteria are used within continuous variable measures to help narrow the measure population |
|  | **Measure Observation:** Defines the individual observation to be performed for each patient or event in the measure population. Measure observations for each case in the population are aggregated to determine the overall measure score for the population |

## ValueSet: MeasurePopulationType

|  |  |
| --- | --- |
| Name | MeasurePopulationType (Measure Population Type) |
| Description | The type of population |

## ValueSet: MeasureReportStatus

|  |  |
| --- | --- |
| Name | MeasureReportStatus (Measure Report Status) |
| Description | The status of the measure report |
| Content | **Complete:** The report is complete and ready for use |
|  | **Pending:** The report is currently being generated |
|  | **Error:** An error occurred attempting to generate the report |

## ValueSet: MeasureReportStatus

|  |  |
| --- | --- |
| Name | MeasureReportStatus (Measure Report Status) |
| Description | The status of the measure report |

## ValueSet: MeasureReportType

|  |  |
| --- | --- |
| Name | MeasureReportType (Measure Report Type) |
| Description | The type of the measure report |
| Content | **Individual:** An individual report that provides information on the performance for a given measure with respect to a single patient |
|  | **Patient List:** A patient list report that includes a listing of patients that satisfied each population criteria in the measure |
|  | **Summary:** A summary report that returns the number of patients in each population criteria for the measure |

## ValueSet: MeasureReportType

|  |  |
| --- | --- |
| Name | MeasureReportType (Measure Report Type) |
| Description | The type of the measure report |

## ValueSet: MeasureScoring

|  |  |
| --- | --- |
| Name | MeasureScoring (Measure Scoring) |
| Description | The scoring type of the measure |
| Content | **Proportion:** The measure score is defined using a proportion |
|  | **Ratio:** The measure score is defined using a ratio |
|  | **Continuous Variable:** The score is defined by a calculation of some quantity |
|  | **Cohort:** The measure is a cohort definition |

## ValueSet: MeasureScoring

|  |  |
| --- | --- |
| Name | MeasureScoring (Measure Scoring) |
| Description | The scoring type of the measure |

## ValueSet: MeasureType

|  |  |
| --- | --- |
| Name | MeasureType (Measure Type) |
| Description | The type of measure (includes codes from 2.16.840.1.113883.1.11.20368) |
| Content | **Process:** A measure which focuses on a process which leads to a certain outcome, meaning that a scientific basis exists for believing that the process, when executed well, will increase the probability of achieving a desired outcome |
|  | **Outcome:** A measure that indicates the result of the performance (or non-performance) of a function or process |
|  | **Structure:** A measure that focuses on a health care provider's capacity, systems, and processes to provide high-quality care |
|  | **Patient Reported Outcome:** A measure that focuses on patient-reported information such as patient engagement or patient experience measures |
|  | **Composite:** A measure that combines multiple component measures in to a single quality measure |

## ValueSet: MeasureType

|  |  |
| --- | --- |
| Name | MeasureType (Measure Type) |
| Description | The type of measure (includes codes from 2.16.840.1.113883.1.11.20368) |

## ValueSet: MedicationAdministrationCategory

|  |  |
| --- | --- |
| Name | MedicationAdministrationCategory (Medication Administration Category) |
| Description | A coded concept describing where the medication administered is expected to occur |
| Content | **Inpatient:** Includes administrations in an inpatient or acute care setting |
|  | **Outpatient:** Includes administrations in an outpatient setting (for example, Emergency Department, Outpatient Clinic, Outpatient Surgery, Doctor's office) |
|  | **Community:** Includes administrations by the patient in their home (this would include long term care or nursing homes, hospices, etc) |

## ValueSet: MedicationAdministrationCategory

|  |  |
| --- | --- |
| Name | MedicationAdministrationCategory (Medication Administration Category) |
| Description | A coded concept describing where the medication administered is expected to occur |

## ValueSet: MedicationAdministrationStatus

|  |  |
| --- | --- |
| Name | MedicationAdministrationStatus (Medication Administration Status) |
| Description | A set of codes indicating the current status of a MedicationAdministration. |
| Content | **In Progress:** The administration has started but has not yet completed. |
|  | **On Hold:** Actions implied by the administration have been temporarily halted, but are expected to continue later. May also be called "suspended". |
|  | **Completed:** All actions that are implied by the administration have occurred. |
|  | **Entered in Error:** The administration was entered in error and therefore nullified. |
|  | **Stopped:** Actions implied by the administration have been permanently halted, before all of them occurred. |
|  | **Unknown:** The authoring system does not know which of the status values currently applies for this request. Note: This concept is not to be used for "other" - one of the listed statuses is presumed to apply, it's just not known which one. |

## ValueSet: MedicationAdministrationStatus

|  |  |
| --- | --- |
| Name | MedicationAdministrationStatus (Medication Administration Status) |
| Description | A set of codes indicating the current status of a MedicationAdministration. |

## ValueSet: MedicationContainer

|  |  |
| --- | --- |
| Name | MedicationContainer (Medication Container) |
| Description | A coded concept defining the kind of container a medication package is packaged in |
| Content | **Ampoule:** A sealed glass capsule containing a liquid |
|  | **Bottle:** A container, typically made of glass or plastic and with a narrow neck, used for storing liquids. |
|  | **Box:** A container with a flat base and sides, typically square or rectangular and having a lid. |
|  | **Cartridge:** A device of various configuration and composition used with a syringe for the application of anesthetic or other materials to a patient. |
|  | **Container:** A package intended to store pharmaceuticals. |
|  | **Tube:** A long, hollow cylinder of metal, plastic, glass, etc., for holding medications, typically creams or ointments |
|  | **Unit Dose Blister:** A dose of medicine prepared in an individual package for convenience, safety or monitoring. |
|  | **Vial:** A small container, typically cylindrical and made of glass, used especially for holding liquid medications. |

## ValueSet: MedicationContainer

|  |  |
| --- | --- |
| Name | MedicationContainer (Medication Container) |
| Description | A coded concept defining the kind of container a medication package is packaged in |

## ValueSet: MedicationDispenseCategory

|  |  |
| --- | --- |
| Name | MedicationDispenseCategory (Medication Dispense Category) |
| Description | A code describing where the dispensed medication is expected to be consumed or administered |
| Content | **Inpatient:** Includes dispenses for medications to be administered or consumed in an inpatient or acute care setting |
|  | **Outpatient:** Includes dispenses for medications to be administered or consumed in an outpatient setting (for example, Emergency Department, Outpatient Clinic, Outpatient Surgery, Doctor's office) |
|  | **Community:** Includes dispenses for medications to be administered or consumed by the patient in their home (this would include long term care or nursing homes, hospices, etc) |

## ValueSet: MedicationDispenseCategory

|  |  |
| --- | --- |
| Name | MedicationDispenseCategory (Medication Dispense Category) |
| Description | A code describing where the dispensed medication is expected to be consumed or administered |

## ValueSet: MedicationDispenseStatus

|  |  |
| --- | --- |
| Name | MedicationDispenseStatus (Medication Dispense Status) |
| Description | A coded concept specifying the state of the dispense event. |
| Content | **Preparation:** The core event has not started yet, but some staging activities have begun (e.g. initial compounding or packaging of medication). Preparation stages may be tracked for billing purposes. |
|  | **In Progress:** The dispense has started but has not yet completed. |
|  | **On Hold:** Actions implied by the administration have been temporarily halted, but are expected to continue later. May also be called "suspended" |
|  | **Completed:** All actions that are implied by the dispense have occurred. |
|  | **Entered in-Error:** The dispense was entered in error and therefore nullified. |
|  | **Stopped:** Actions implied by the dispense have been permanently halted, before all of them occurred. |

## ValueSet: MedicationDispenseStatus

|  |  |
| --- | --- |
| Name | MedicationDispenseStatus (Medication Dispense Status) |
| Description | A coded concept specifying the state of the dispense event. |

## ValueSet: MedicationRequestCategory

|  |  |
| --- | --- |
| Name | MedicationRequestCategory (Medication Request Category) |
| Description | A coded concept identifying where the medication ordered is expected to be consumed or administered |
| Content | **Inpatient:** Includes orders for medications to be administered or consumed in an inpatient or acute care setting |
|  | **Outpatient:** Includes orders for medications to be administered or consumed in an outpatient setting (for example, Emergency Department, Outpatient Clinic, Outpatient Surgery, Doctor's office) |
|  | **Community:** Includes orders for medications to be administered or consumed by the patient in their home (this would include long term care or nursing homes, hospices, etc) |

## ValueSet: MedicationRequestCategory

|  |  |
| --- | --- |
| Name | MedicationRequestCategory (Medication Request Category) |
| Description | A coded concept identifying where the medication ordered is expected to be consumed or administered |

## ValueSet: MedicationRequestIntent

|  |  |
| --- | --- |
| Name | MedicationRequestIntent (Medication Request Intent) |
| Description | The kind of medication order |
| Content | **Proposal:** The request is a suggestion made by someone/something that doesn't have an intention to ensure it occurs and without providing an authorization to act |
|  | **Plan:** The request represents an intension to ensure something occurs without providing an authorization for others to act |
|  | **Order:** The request represents a request/demand and authorization for action |
|  | **Instance Order:** The request represents an instance for the particular order, for example a medication administration record. |

## ValueSet: MedicationRequestIntent

|  |  |
| --- | --- |
| Name | MedicationRequestIntent (Medication Request Intent) |
| Description | The kind of medication order |

## ValueSet: MedicationRequestPriority

|  |  |
| --- | --- |
| Name | MedicationRequestPriority (Medication Request Priority) |
| Description | Identifies the level of importance to be assigned to actioning the request |
| Content | **Routine:** The order has a normal priority . |
|  | **Urgent:** The order should be urgently. |
|  | **Stat:** The order is time-critical. |
|  | **ASAP:** The order should be acted on as soon as possible. |

## ValueSet: MedicationRequestPriority

|  |  |
| --- | --- |
| Name | MedicationRequestPriority (Medication Request Priority) |
| Description | Identifies the level of importance to be assigned to actioning the request |

## ValueSet: MedicationRequestStatus

|  |  |
| --- | --- |
| Name | MedicationRequestStatus (Medication Request Status) |
| Description | A coded concept specifying the state of the prescribing event. Describes the lifecycle of the prescription |
| Content | **Active:** The prescription is 'actionable', but not all actions that are implied by it have occurred yet. |
|  | **On Hold:** Actions implied by the prescription are to be temporarily halted, but are expected to continue later. May also be called "suspended". |
|  | **Cancelled:** The prescription has been withdrawn. |
|  | **Completed:** All actions that are implied by the prescription have occurred. |
|  | **Entered In Error:** The prescription was entered in error. |
|  | **Stopped:** Actions implied by the prescription are to be permanently halted, before all of them occurred. |
|  | **Draft:** The prescription is not yet 'actionable', i.e. it is a work in progress, requires sign-off or verification, and needs to be run through decision support process. |
|  | **Unknown:** The authoring system does not know which of the status values currently applies for this request |

## ValueSet: MedicationRequestStatus

|  |  |
| --- | --- |
| Name | MedicationRequestStatus (Medication Request Status) |
| Description | A coded concept specifying the state of the prescribing event. Describes the lifecycle of the prescription |

## ValueSet: MedicationStatementCategory

|  |  |
| --- | --- |
| Name | MedicationStatementCategory (Medication Statement Category) |
| Description | A coded concept identifying where the medication included in the medicationstatement is expected to be consumed or administered |
| Content | **Inpatient:** Includes orders for medications to be administered or consumed in an inpatient or acute care setting |
|  | **Outpatient:** Includes orders for medications to be administered or consumed in an outpatient setting (for example, Emergency Department, Outpatient Clinic, Outpatient Surgery, Doctor's office) |
|  | **Community:** Includes orders for medications to be administered or consumed by the patient in their home (this would include long term care or nursing homes, hospices, etc) |
|  | **Patient Specified:** Includes statements about medication use, including over the counter medication, provided by the patient, agent or another provider |

## ValueSet: MedicationStatementCategory

|  |  |
| --- | --- |
| Name | MedicationStatementCategory (Medication Statement Category) |
| Description | A coded concept identifying where the medication included in the medicationstatement is expected to be consumed or administered |

## ValueSet: MedicationStatementStatus

|  |  |
| --- | --- |
| Name | MedicationStatementStatus (Medication Statement Status) |
| Description | A coded concept indicating the current status of a MedicationStatement. |
| Content | **Active:** The medication is still being taken. |
|  | **Completed:** The medication is no longer being taken. |
|  | **Entered in Error:** The statement was recorded incorrectly. |
|  | **Intended:** The medication may be taken at some time in the future. |
|  | **Stopped:** Actions implied by the statement have been permanently halted, before all of them occurred. |
|  | **On Hold:** Actions implied by the statement have been temporarily halted, but are expected to continue later. May also be called "suspended". |

## ValueSet: MedicationStatementStatus

|  |  |
| --- | --- |
| Name | MedicationStatementStatus (Medication Statement Status) |
| Description | A coded concept indicating the current status of a MedicationStatement. |

## ValueSet: MedicationStatementTaken

|  |  |
| --- | --- |
| Name | MedicationStatementTaken (Medication Statement Taken) |
| Description | A coded concept identifying level of certainty if patient has taken or has not taken the medication |
| Content | **Yes:** Positive assertion that patient has taken medication |
|  | **No:** Negative assertion that patient has not taken medication |
|  | **Unknown:** Unknown assertion if patient has taken medication |
|  | **Not Applicable:** Patient reporting does not apply |

## ValueSet: MedicationStatementTaken

|  |  |
| --- | --- |
| Name | MedicationStatementTaken (Medication Statement Taken) |
| Description | A coded concept identifying level of certainty if patient has taken or has not taken the medication |

## ValueSet: MedicationStatus

|  |  |
| --- | --- |
| Name | MedicationStatus (Medication Status) |
| Description | A coded concept defining if the medication is in active use |
| Content | **Active:** The medication is available for use |
|  | **Inactive:** The medication is not available for use |
|  | **Entered in Error:** The medication was entered in error |

## ValueSet: MedicationStatus

|  |  |
| --- | --- |
| Name | MedicationStatus (Medication Status) |
| Description | A coded concept defining if the medication is in active use |

## ValueSet: MessageEvent

|  |  |
| --- | --- |
| Name | MessageEvent (Message Event) |
| Description | One of the message events defined as part of FHIR. |
| Content | **CodeSystem-expand:** The definition of a code system is used to create a simple collection of codes suitable for use for data entry or validation. An expanded code system will be returned, or an error message. |
|  | **MedicationAdministration-Complete:** Change the status of a Medication Administration to show that it is complete. |
|  | **MedicationAdministration-Nullification:** Someone wishes to record that the record of administration of a medication is in error and should be ignored. |
|  | **MedicationAdministration-Recording:** Indicates that a medication has been recorded against the patient's record. |
|  | **MedicationAdministration-Update:** Update a Medication Administration record. |
|  | **admin-notify:** Notification of a change to an administrative resource (either create or update). Note that there is no delete, though some administrative resources have status or period elements for this use. |
|  | **communication-request:** Notification to convey information. |
|  | **diagnosticreport-provide:** Provide a diagnostic report, or update a previously provided diagnostic report. |
|  | **observation-provide:** Provide a simple observation or update a previously provided simple observation. |
|  | **patient-link:** Notification that two patient records actually identify the same patient. |
|  | **patient-unlink:** Notification that previous advice that two patient records concern the same patient is now considered incorrect. |
|  | **valueset-expand:** The definition of a value set is used to create a simple collection of codes suitable for use for data entry or validation. An expanded value set will be returned, or an error message. |

## ValueSet: MessageEvent

|  |  |
| --- | --- |
| Name | MessageEvent (Message Event) |
| Description | One of the message events defined as part of FHIR. |

## ValueSet: MessageSignificanceCategory

|  |  |
| --- | --- |
| Name | MessageSignificanceCategory (Message Significance Category) |
| Description | The impact of the content of a message. |
| Content | **Consequence:** The message represents/requests a change that should not be processed more than once; e.g. Making a booking for an appointment. |
|  | **Currency:** The message represents a response to query for current information. Retrospective processing is wrong and/or wasteful. |
|  | **Notification:** The content is not necessarily intended to be current, and it can be reprocessed, though there may be version issues created by processing old notifications. |

## ValueSet: MessageSignificanceCategory

|  |  |
| --- | --- |
| Name | MessageSignificanceCategory (Message Significance Category) |
| Description | The impact of the content of a message. |

## ValueSet: MessageTransport

|  |  |
| --- | --- |
| Name | MessageTransport (Message Transport) |
| Description | The protocol used for message transport. |
| Content | **HTTP:** The application sends or receives messages using HTTP POST (may be over http: or https:). |
|  | **FTP:** The application sends or receives messages using File Transfer Protocol. |
|  | **MLLP:** The application sends or receives messages using HL7's Minimal Lower Level Protocol. |

## ValueSet: MessageTransport

|  |  |
| --- | --- |
| Name | MessageTransport (Message Transport) |
| Description | The protocol used for message transport. |

## ValueSet: NameRepresentationUse

|  |  |
| --- | --- |
| Name | NameRepresentationUse (Name Representation Use) |
| Description | A set of codes for each different representation of a name |

## ValueSet: NameUse

|  |  |
| --- | --- |
| Name | NameUse (Name Use) |
| Description | The use of a human name |
| Content | **Usual:** Known as/conventional/the one you normally use |
|  | **Official:** The formal name as registered in an official (government) registry, but which name might not be commonly used. May be called "legal name". |
|  | **Temp:** A temporary name. Name.period can provide more detailed information. This may also be used for temporary names assigned at birth or in emergency situations. |
|  | **Nickname:** A name that is used to address the person in an informal manner, but is not part of their formal or usual name |
|  | **Anonymous:** Anonymous assigned name, alias, or pseudonym (used to protect a person's identity for privacy reasons) |
|  | **Old:** This name is no longer in use (or was never correct, but retained for records) |
|  | **Name changed for Marriage:** A name used prior to changing name because of marriage. This name use is for use by applications that collect and store names that were used prior to a marriage. Marriage naming customs vary greatly around the world, and are constantly changing. This term is not gender specific. The use of this term does not imply any particular history for a person's name |

## ValueSet: NameUse

|  |  |
| --- | --- |
| Name | NameUse (Name Use) |
| Description | The use of a human name |

## ValueSet: NamingSystemIdentifierType

|  |  |
| --- | --- |
| Name | NamingSystemIdentifierType (Naming System Identifier Type) |
| Description | Identifies the style of unique identifier used to identify a namespace. |
| Content | **OID:** An ISO object identifier; e.g. 1.2.3.4.5. |
|  | **UUID:** A universally unique identifier of the form a5afddf4-e880-459b-876e-e4591b0acc11. |
|  | **URI:** A uniform resource identifier (ideally a URL - uniform resource locator); e.g. http://unitsofmeasure.org. |
|  | **Other:** Some other type of unique identifier; e.g. HL7-assigned reserved string such as LN for LOINC. |

## ValueSet: NamingSystemIdentifierType

|  |  |
| --- | --- |
| Name | NamingSystemIdentifierType (Naming System Identifier Type) |
| Description | Identifies the style of unique identifier used to identify a namespace. |

## ValueSet: NamingSystemType

|  |  |
| --- | --- |
| Name | NamingSystemType (Naming System Type) |
| Description | Identifies the purpose of the naming system. |
| Content | **Code System:** The naming system is used to define concepts and symbols to represent those concepts; e.g. UCUM, LOINC, NDC code, local lab codes, etc. |
|  | **Identifier:** The naming system is used to manage identifiers (e.g. license numbers, order numbers, etc.). |
|  | **Root:** The naming system is used as the root for other identifiers and naming systems. |

## ValueSet: NamingSystemType

|  |  |
| --- | --- |
| Name | NamingSystemType (Naming System Type) |
| Description | Identifies the purpose of the naming system. |

## ValueSet: NarrativeStatus

|  |  |
| --- | --- |
| Name | NarrativeStatus (Narrative Status) |
| Description | The status of a resource narrative |
| Content | **Generated:** The contents of the narrative are entirely generated from the structured data in the content. |
|  | **Extensions:** The contents of the narrative are entirely generated from the structured data in the content and some of the content is generated from extensions |
|  | **Additional:** The contents of the narrative may contain additional information not found in the structured data. Note that there is no computable way to determine what the extra information is, other than by human inspection |
|  | **Empty:** The contents of the narrative are some equivalent of "No human-readable text provided in this case" |

## ValueSet: NarrativeStatus

|  |  |
| --- | --- |
| Name | NarrativeStatus (Narrative Status) |
| Description | The status of a resource narrative |

## ValueSet: NoteType

|  |  |
| --- | --- |
| Name | NoteType (Note Type) |
| Description | The presentation types of notes. |

## ValueSet: NutritionOrderStatus

|  |  |
| --- | --- |
| Name | NutritionOrderStatus (Nutrition Order Status) |
| Description | Codes specifying the state of the request. Describes the lifecycle of the nutrition order. |
| Content | **Proposed:** The request has been proposed. |
|  | **Draft:** The request is in preliminary form prior to being sent. |
|  | **Planned:** The request has been planned. |
|  | **Requested:** The request has been placed. |
|  | **Active:** The request is 'actionable', but not all actions that are implied by it have occurred yet. |
|  | **On-Hold:** Actions implied by the request have been temporarily halted, but are expected to continue later. May also be called "suspended". |
|  | **Completed:** All actions that are implied by the order have occurred and no continuation is planned (this will rarely be made explicit). |
|  | **Cancelled:** The request has been withdrawn and is no longer actionable. |
|  | **Entered in Error:** The request was entered in error and voided. |

## ValueSet: NutritionOrderStatus

|  |  |
| --- | --- |
| Name | NutritionOrderStatus (Nutrition Order Status) |
| Description | Codes specifying the state of the request. Describes the lifecycle of the nutrition order. |

## ValueSet: ObjectLifecycleEvents

|  |  |
| --- | --- |
| Name | ObjectLifecycleEvents (Object Lifecycle Events) |
| Description | This example FHIR value set is comprised of lifecycle event codes. The FHIR Actor value set is based on DICOM Audit Message, ParticipantObjectDataLifeCycle; ISO Standard, TS 21089-2017; |
| Copyright | This is an example FHIR value set based on ASTM Standard, E1762-95 (2013) HL7 RoleClass OID 2.16.840.1.113883.5.110, HL7 Role Code 2.16.840.1.113883.5.111, HL7 ParticipationType OID: 2.16.840.1.113883.5.90, HL7 ParticipationFunction codes at OID: 2.16.840.1.113883.5.88, and HL7 Security and Privacy Domain Analysis Model roles classes. These codes are excerpted from Digital Imaging and Communications in Medicine (DICOM) Standard, Part 16: Content Mapping Resource, Copyright Â© 2011 by the National Electrical Manufacturers Association. |

## ValueSet: ObservationRelationshipType

|  |  |
| --- | --- |
| Name | ObservationRelationshipType (Observation Relationship Type) |
| Description | Codes specifying how two observations are related. |
| Content | **Has Member:** This observation is a group observation (e.g. a battery, a panel of tests, a set of vital sign measurements) that includes the target as a member of the group. |
|  | **Derived From:** The target resource (Observation or QuestionnaireResponse) is part of the information from which this observation value is derived. (e.g. calculated anion gap, Apgar score) NOTE: "derived-from" is only logical choice when referencing QuestionnaireResponse. |
|  | **Sequel To:** This observation follows the target observation (e.g. timed tests such as Glucose Tolerance Test). |
|  | **Replaces:** This observation replaces a previous observation (i.e. a revised value). The target observation is now obsolete. |
|  | **Qualified By:** The value of the target observation qualifies (refines) the semantics of the source observation (e.g. a lipemia measure target from a plasma measure). |
|  | **Interfered By:** The value of the target observation interferes (degrades quality, or prevents valid observation) with the semantics of the source observation (e.g. a hemolysis measure target from a plasma potassium measure which has no value). |

## ValueSet: ObservationRelationshipType

|  |  |
| --- | --- |
| Name | ObservationRelationshipType (Observation Relationship Type) |
| Description | Codes specifying how two observations are related. |

## ValueSet: ObservationStatus

|  |  |
| --- | --- |
| Name | ObservationStatus (Observation Status) |
| Description | Codes providing the status of an observation. |
| Content | **Registered:** The existence of the observation is registered, but there is no result yet available. |
|  | **Preliminary:** This is an initial or interim observation: data may be incomplete or unverified. |
|  | **Final:** The observation is complete. |
|  | **Amended:** Subsequent to being Final, the observation has been modified subsequent. This includes updates/new information and corrections. |
|  | **Corrected:** Subsequent to being Final, the observation has been modified to correct an error in the test result. |
|  | **Cancelled:** The observation is unavailable because the measurement was not started or not completed (also sometimes called "aborted"). |
|  | **Entered in Error:** The observation has been withdrawn following previous final release. This electronic record should never have existed, though it is possible that real-world decisions were based on it. (If real-world activity has occurred, the status should be "cancelled" rather than "entered-in-error".) |
|  | **Unknown:** The authoring system does not know which of the status values currently applies for this request. Note: This concept is not to be used for "other" - one of the listed statuses is presumed to apply, it's just not known which one. |

## ValueSet: ObservationStatus

|  |  |
| --- | --- |
| Name | ObservationStatus (Observation Status) |
| Description | Codes providing the status of an observation. |

## ValueSet: Operation Outcome Codes

|  |  |
| --- | --- |
| Name | Operation Outcome Codes (Operation Outcome Codes) |
| Description | Operation Outcome codes used by FHIR test servers (see Implementation file translations.xml) |

## ValueSet: OperationKind

|  |  |
| --- | --- |
| Name | OperationKind (Operation Kind) |
| Description | Whether an operation is a normal operation or a query. |
| Content | **Operation:** This operation is invoked as an operation. |
|  | **Query:** This operation is a named query, invoked using the search mechanism. |

## ValueSet: OperationKind

|  |  |
| --- | --- |
| Name | OperationKind (Operation Kind) |
| Description | Whether an operation is a normal operation or a query. |

## ValueSet: OperationParameterUse

|  |  |
| --- | --- |
| Name | OperationParameterUse (Operation Parameter Use) |
| Description | Whether an operation parameter is an input or an output parameter. |
| Content | **In:** This is an input parameter. |
|  | **Out:** This is an output parameter. |

## ValueSet: OperationParameterUse

|  |  |
| --- | --- |
| Name | OperationParameterUse (Operation Parameter Use) |
| Description | Whether an operation parameter is an input or an output parameter. |

## ValueSet: ParticipantRequired

|  |  |
| --- | --- |
| Name | ParticipantRequired (Participant Required) |
| Description | Is the Participant required to attend the appointment. |
| Content | **Required:** The participant is required to attend the appointment. |
|  | **Optional:** The participant may optionally attend the appointment. |
|  | **Information Only:** The participant is excluded from the appointment, and may not be informed of the appointment taking place. (Appointment is about them, not for them - such as 2 doctors discussing results about a patient's test). |

## ValueSet: ParticipantRequired

|  |  |
| --- | --- |
| Name | ParticipantRequired (Participant Required) |
| Description | Is the Participant required to attend the appointment. |

## ValueSet: ParticipationStatus

|  |  |
| --- | --- |
| Name | ParticipationStatus (Participation Status) |
| Description | The Participation status of an appointment. |
| Content | **Accepted:** The participant has accepted the appointment. |
|  | **Declined:** The participant has declined the appointment and will not participate in the appointment. |
|  | **Tentative:** The participant has tentatively accepted the appointment. This could be automatically created by a system and requires further processing before it can be accepted. There is no commitment that attendance will occur. |
|  | **Needs Action:** The participant needs to indicate if they accept the appointment by changing this status to one of the other statuses. |

## ValueSet: ParticipationStatus

|  |  |
| --- | --- |
| Name | ParticipationStatus (Participation Status) |
| Description | The Participation status of an appointment. |

## ValueSet: PayeeResourceType

|  |  |
| --- | --- |
| Name | PayeeResourceType (Payee Resource Type) |
| Description | The type of payee Resource |
| Content | **Organization:** Organization resource |
|  | **Patient:** Patient resource |
|  | **Practitioner:** Practitioner resource |
|  | **RelatedPerson:** RelatedPerson resource |

## ValueSet: PayeeResourceType

|  |  |
| --- | --- |
| Name | PayeeResourceType (Payee Resource Type) |
| Description | The type of payee Resource |

## ValueSet: PlanDefinitionType

|  |  |
| --- | --- |
| Name | PlanDefinitionType (Plan Definition Type) |
| Description | The type of PlanDefinition |
| Content | **Order Set:** A pre-defined and approved group of orders related to a particular clinical condition (e.g. hypertension treatment and monitoring) or stage of care (e.g. hospital admission to Coronary Care Unit). An order set is used as a checklist for the clinician when managing a patient with a specific condition. It is a structured collection of orders relevant to that condition and presented to the clinician in a computerized provider order entry (CPOE) system |
|  | **Protocol:** A set of activities that can be peformed that have relationships in terms of order, pre-conditions etc |
|  | **ECA Rule:** A decision support rule of the form [on Event] if Condition then Action. It is intended to be a shareable, computable definition of a actions that should be taken whenever some condition is met in response to a particular event or events |

## ValueSet: PlanDefinitionType

|  |  |
| --- | --- |
| Name | PlanDefinitionType (Plan Definition Type) |
| Description | The type of PlanDefinition |

## ValueSet: PostalAddressUse

|  |  |
| --- | --- |
| Name | PostalAddressUse (Postal Address Use) |
| Description | Uses of an address not included in Address.use |

## ValueSet: ProbabilityDistributionType

|  |  |
| --- | --- |
| Name | ProbabilityDistributionType (Probability Distribution Type) |
| Description | Codes specifying the type of probability distribution |

## ValueSet: ProcedureRelationshipType

|  |  |
| --- | --- |
| Name | ProcedureRelationshipType (Procedure Relationship Type) |
| Description | The nature of the relationship with this procedure. |
| Content | **Caused By:** This procedure had to be performed because of the related one. |
|  | **Because Of:** This procedure caused the related one to be performed. |

## ValueSet: ProcedureRelationshipType

|  |  |
| --- | --- |
| Name | ProcedureRelationshipType (Procedure Relationship Type) |
| Description | The nature of the relationship with this procedure. |

## ValueSet: PropertyRepresentation

|  |  |
| --- | --- |
| Name | PropertyRepresentation (Property Representation) |
| Description | How a property is represented when serialized. |
| Content | **XML Attribute:** In XML, this property is represented as an attribute not an element. |
|  | **XML Text:** This element is represented using the XML text attribute (primitives only) |
|  | **Type Attribute:** The type of this element is indicated using xsi:type |
|  | **CDA Text Format:** Use CDA narrative instead of XHTML |
|  | **XHTML:** The property is represented using XHTML |

## ValueSet: PropertyRepresentation

|  |  |
| --- | --- |
| Name | PropertyRepresentation (Property Representation) |
| Description | How a property is represented when serialized. |

## ValueSet: PropertyType

|  |  |
| --- | --- |
| Name | PropertyType (Property Type) |
| Description | The type of a property value |
| Content | **code (internal reference):** The property value is a code that identifies a concept defined in the code system |
|  | **Coding (external reference):** The property value is a code defined in an external code system. This may be used for translations, but is not the intent |
|  | **string:** The property value is a string |
|  | **integer:** The property value is a string (often used to assign ranking values to concepts for supporting score assessments) |
|  | **boolean:** The property value is a boolean true | false |
|  | **dateTime:** The property is a date or a date + time |

## ValueSet: PropertyType

|  |  |
| --- | --- |
| Name | PropertyType (Property Type) |
| Description | The type of a property value |

## ValueSet: ProvenanceEntityRole

|  |  |
| --- | --- |
| Name | ProvenanceEntityRole (Provenance Entity Role) |
| Description | How an entity was used in an activity. |
| Content | **Derivation:** A transformation of an entity into another, an update of an entity resulting in a new one, or the construction of a new entity based on a preexisting entity. |
|  | **Revision:** A derivation for which the resulting entity is a revised version of some original. |
|  | **Quotation:** The repeat of (some or all of) an entity, such as text or image, by someone who may or may not be its original author. |
|  | **Source:** A primary source for a topic refers to something produced by some agent with direct experience and knowledge about the topic, at the time of the topic's study, without benefit from hindsight. |
|  | **Removal:** A derivation for which the entity is removed from accessibility usually through the use of the Delete operation. |

## ValueSet: ProvenanceEntityRole

|  |  |
| --- | --- |
| Name | ProvenanceEntityRole (Provenance Entity Role) |
| Description | How an entity was used in an activity. |

## ValueSet: PublicationStatus

|  |  |
| --- | --- |
| Name | PublicationStatus (Publication Status) |
| Description | The lifecycle status of a Value Set or Concept Map. |

## ValueSet: QuantityComparator

|  |  |
| --- | --- |
| Name | QuantityComparator (Quantity Comparator) |
| Description | How the Quantity should be understood and represented. |
| Content | **Less than:** The actual value is less than the given value. |
|  | **Less or Equal to:** The actual value is less than or equal to the given value. |
|  | **Greater or Equal to:** The actual value is greater than or equal to the given value. |
|  | **Greater than:** The actual value is greater than the given value. |

## ValueSet: QuantityComparator

|  |  |
| --- | --- |
| Name | QuantityComparator (Quantity Comparator) |
| Description | How the Quantity should be understood and represented. |

## ValueSet: QuestionnaireItemType

|  |  |
| --- | --- |
| Name | QuestionnaireItemType (Questionnaire Item Type) |
| Description | Distinguishes groups from questions and display text and indicates data type for questions |
| Property Description | Indicates that the code is abstract - only intended to be used as a selector for other concepts |
| Content | **Group:** An item with no direct answer but which has descendant items that are questions |
|  | **Display:** Text for display that will not capture an answer or have descendants |
|  | **Question:** An item that defines a specific answer to be captured (and may have descendant items) |
|  | **Boolean:** Question with a yes/no answer |
|  | **Decimal:** Question with is a real number answer |
|  | **Integer:** Question with an integer answer |
|  | **Date:** Question with adate answer |
|  | **Date Time:** Question with a date and time answer |
|  | **Time:** Question with a time (hour/minute/second) answer independent of date. |
|  | **String:** Question with a short (few words to short sentence) free-text entry answer |
|  | **Text:** Question with a long (potentially multi-paragraph) free-text entry (still captured as a string) answer |
|  | **Url:** Question with a url (website, FTP site, etc.) answer |
|  | **Choice:** Question with a Coding drawn from a list of options as an answer |
|  | **Open Choice:** Answer is a Coding drawn from a list of options or a free-text entry captured as Coding.display |
|  | **Attachment:** Question with binary content such as a image, PDF, etc. as an answer |
|  | **Reference:** Question with a reference to another resource (practitioner, organization, etc.) as an answer |
|  | **Quantity:** Question with a combination of a numeric value and unit, potentially with a comparator (<, >, etc.) as an answer. |

## ValueSet: QuestionnaireItemType

|  |  |
| --- | --- |
| Name | QuestionnaireItemType (Questionnaire Item Type) |
| Description | Distinguishes groups from questions and display text and indicates data type for questions |

## ValueSet: QuestionnaireItemUsageMode

|  |  |
| --- | --- |
| Name | QuestionnaireItemUsageMode (Questionnaire Item Usage Mode) |
| Description | Identifies the modes of usage of a questionnaire that should enable a particular questionnaire item |
| Content | **Capture & Display:** Render the item regardless of usage mode |
|  | **Capture Only:** Render the item only when capturing data |
|  | **Display Only:** Render the item only when displaying a completed form |
|  | **Display when Answered:** Render the item only when displaying a completed form and the item has been answered (or has child items that have been answered) |
|  | **Capture or, if answered, Display:** Render the item when capturing data or when displaying a completed form and the item has been answered (or has child items that have been answered) |

## ValueSet: QuestionnaireItemUsageMode

|  |  |
| --- | --- |
| Name | QuestionnaireItemUsageMode (Questionnaire Item Usage Mode) |
| Description | Identifies the modes of usage of a questionnaire that should enable a particular questionnaire item |

## ValueSet: QuestionnaireResponseStatus

|  |  |
| --- | --- |
| Name | QuestionnaireResponseStatus (Questionnaire Response Status) |
| Description | Lifecycle status of the questionnaire response. |
| Content | **In Progress:** This QuestionnaireResponse has been partially filled out with answers, but changes or additions are still expected to be made to it. |
|  | **Completed:** This QuestionnaireResponse has been filled out with answers, and the current content is regarded as definitive. |
|  | **Amended:** This QuestionnaireResponse has been filled out with answers, then marked as complete, yet changes or additions have been made to it afterwards. |
|  | **Entered In Error:** This QuestionnaireResponse was entered in error and voided. |
|  | **Stopped:** This QuestionnaireResponse has been partially filled out with answers, but it is unknown whether changes or additions are expected to be made to it. |

## ValueSet: QuestionnaireResponseStatus

|  |  |
| --- | --- |
| Name | QuestionnaireResponseStatus (Questionnaire Response Status) |
| Description | Lifecycle status of the questionnaire response. |

## ValueSet: QuestionnaireStatus

|  |  |
| --- | --- |
| Name | QuestionnaireStatus (Questionnaire Status) |
| Description | Lifecycle status of the questionnaire. |
| Content | **Draft:** This Questionnaire is not ready for official use. |
|  | **Published:** This Questionnaire is ready for use. |
|  | **Retired:** This Questionnaire should no longer be used to gather data. |

## ValueSet: QuestionnaireStatus

|  |  |
| --- | --- |
| Name | QuestionnaireStatus (Questionnaire Status) |
| Description | Lifecycle status of the questionnaire. |

## ValueSet: ReferenceHandlingPolicy

|  |  |
| --- | --- |
| Name | ReferenceHandlingPolicy (Reference Handling Policy) |
| Description | A set of flags that defines how references are supported |
| Content | **Literal References:** The server supports and populates Literal references where they are known (this code does not guarantee that all references are literal; see 'enforced') |
|  | **Logical References:** The server allows logical references |
|  | **Resolves References:** The server will attempt to resolve logical references to literal references (if resolution fails, the server may still accept resources; see logical) |
|  | **Reference Integrity Enforced:** The server enforces that references have integrity - e.g. it ensures that references can always be resolved. This is typically the case for clinical record systems, but often no the case for middleware/proxy systems |
|  | **Local References Only:** The server does not support references that point to other servers |

## ValueSet: ReferenceHandlingPolicy

|  |  |
| --- | --- |
| Name | ReferenceHandlingPolicy (Reference Handling Policy) |
| Description | A set of flags that defines how references are supported |

## ValueSet: ReferenceVersionRules

|  |  |
| --- | --- |
| Name | ReferenceVersionRules (Reference Version Rules) |
| Description | Whether a reference needs to be version specific or version independent, or whetehr either can be used |
| Content | **Either Specific or independent:** The reference may be either version independent or version specific |
|  | **Version independent:** The reference must be version independent |
|  | **Version Specific:** The reference must be version specific |

## ValueSet: ReferenceVersionRules

|  |  |
| --- | --- |
| Name | ReferenceVersionRules (Reference Version Rules) |
| Description | Whether a reference needs to be version specific or version independent, or whetehr either can be used |

## ValueSet: ReferralMethod

|  |  |
| --- | --- |
| Name | ReferralMethod (Referral Method) |
| Description | The methods of referral can be used when referring to a specific HealthCareService resource. |
| Content | **Fax:** Referrals may be accepted by fax. |
|  | **Phone:** Referrals may be accepted over the phone from a practitioner. |
|  | **Secure Messaging:** Referrals may be accepted via a secure messaging system. To determine the types of secure messaging systems supported, refer to the identifiers collection. Callers will need to understand the specific identifier system used to know that they are able to transmit messages. |
|  | **Secure Email:** Referrals may be accepted via a secure email. To send please enrypt with the services public key. |
|  | **Mail:** Referrals may be accepted via regular postage (or hand delivered). |

## ValueSet: ReferralMethod

|  |  |
| --- | --- |
| Name | ReferralMethod (Referral Method) |
| Description | The methods of referral can be used when referring to a specific HealthCareService resource. |

## ValueSet: RelatedArtifactType

|  |  |
| --- | --- |
| Name | RelatedArtifactType (Related Artifact Type) |
| Description | The type of relationship to the related artifact |
| Content | **Documentation:** Additional documentation for the knowledge resource. This would include additional instructions on usage as well as additional information on clinical context or appropriateness |
|  | **Justification:** A summary of the justification for the knowledge resource including supporting evidence, relevant guidelines, or other clinically important information. This information is intended to provide a way to make the justification for the knowledge resource available to the consumer of interventions or results produced by the knowledge resource |
|  | **Citation:** Bibliographic citation for papers, references, or other relevant material for the knowledge resource. This is intended to allow for citation of related material, but that was not necessarily specifically prepared in connection with this knowledge resource |
|  | **Predecessor:** The previous version of the knowledge resource |
|  | **Successor:** The next version of the knowledge resource |
|  | **Derived From:** The knowledge resource is derived from the related artifact. This is intended to capture the relationship in which a particular knowledge resource is based on the content of another artifact, but is modified to capture either a different set of overall requirements, or a more specific set of requirements such as those involved in a particular institution or clinical setting |
|  | **Depends On:** The knowledge resource depends on the given related artifact |
|  | **Composed Of:** The knowledge resource is composed of the given related artifact |

## ValueSet: RelatedArtifactType

|  |  |
| --- | --- |
| Name | RelatedArtifactType (Related Artifact Type) |
| Description | The type of relationship to the related artifact |

## ValueSet: RequestIntent

|  |  |
| --- | --- |
| Name | RequestIntent (Request Intent) |
| Description | Codes indicating the degree of authority/intentionality associated with a request |
| Content | **Proposal:** The request is a suggestion made by someone/something that doesn't have an intention to ensure it occurs and without providing an authorization to act |
|  | **Plan:** The request represents an intension to ensure something occurs without providing an authorization for others to act |
|  | **Order:** The request represents a request/demand and authorization for action |
|  | **Original Order:** The request represents an original authorization for action |
|  | **Reflex Order:** The request represents an automatically generated supplemental authorization for action based on a parent authorization together with initial results of the action taken against that parent authorization |
|  | **Filler Order:** The request represents the view of an authorization instantiated by a fulfilling system representing the details of the fulfiller's intention to act upon a submitted order |
|  | **Instance Order:** An order created in fulfillment of a broader order that represents the authorization for a single activity occurrence. E.g. The administration of a single dose of a drug. |
|  | **Option:** The request represents a component or option for a RequestGroup that establishes timing, conditionality and/or other constraints among a set of requests. Refer to [[[RequestGroup]]] for additional information on how this status is used |

## ValueSet: RequestIntent

|  |  |
| --- | --- |
| Name | RequestIntent (Request Intent) |
| Description | Codes indicating the degree of authority/intentionality associated with a request |

## ValueSet: RequestPriority

|  |  |
| --- | --- |
| Name | RequestPriority (Request Priority) |
| Description | Identifies the level of importance to be assigned to actioning the request |
| Content | **Routine:** The request has normal priority |
|  | **Urgent:** The request should be actioned promptly - higher priority than routine |
|  | **ASAP:** The request should be actioned as soon as possible - higher priority than urgent |
|  | **STAT:** The request should be actioned immediately - highest possible priority. E.g. an emergency |

## ValueSet: RequestPriority

|  |  |
| --- | --- |
| Name | RequestPriority (Request Priority) |
| Description | The clinical priority of a diagnostic order. |

## ValueSet: RequestStatus

|  |  |
| --- | --- |
| Name | RequestStatus (Request Status) |
| Description | Codes identifying the stage lifecycle stage of a request |
| Content | **Draft:** The request has been created but is not yet complete or ready for action |
|  | **Active:** The request is ready to be acted upon |
|  | **Suspended:** The authorization/request to act has been temporarily withdrawn but is expected to resume in the future |
|  | **Cancelled:** The authorization/request to act has been terminated prior to the full completion of the intended actions. No further activity should occur. |
|  | **Completed:** Activity against the request has been sufficiently completed to the satisfaction of the requester |
|  | **Entered in Error:** This electronic record should never have existed, though it is possible that real-world decisions were based on it. (If real-world activity has occurred, the status should be "cancelled" rather than "entered-in-error".) |
|  | **Unknown:** The authoring system does not know which of the status values currently applies for this request. Note: This concept is not to be used for "other" - one of the listed statuses is presumed to apply, it's just not known which one. |

## ValueSet: RequestStatus

|  |  |
| --- | --- |
| Name | RequestStatus (Request Status) |
| Description | Codes identifying the stage lifecycle stage of a request |

## ValueSet: ResearchStudyStatus

|  |  |
| --- | --- |
| Name | ResearchStudyStatus (Research Study Status) |
| Description | Codes that convey the current status of the research study |
| Content | **Draft:** The study is undergoing design but the process of selecting study subjects and capturing data has not yet begun. |
|  | **In-progress:** The study is currently being executed |
|  | **Suspended:** Execution of the study has been temporarily paused |
|  | **Stopped:** The study was terminated prior to the final determination of results |
|  | **Completed:** The information sought by the study has been gathered and compiled and no further work is being performed |
|  | **Entered in error:** This study never actually existed. The record is retained for tracking purposes in the event decisions may have been made based on this erroneous information. |

## ValueSet: ResearchStudyStatus

|  |  |
| --- | --- |
| Name | ResearchStudyStatus (Research Study Status) |
| Description | Codes that convey the current status of the research study |

## ValueSet: ResearchSubjectStatus

|  |  |
| --- | --- |
| Name | ResearchSubjectStatus (Research Subject Status) |
| Description | Indicates the progression of a study subject through a study |
| Content | **Candidate:** The subject has been identified as a potential participant in the study but has not yet agreed to participate |
|  | **Enrolled:** The subject has agreed to participate in the study but has not yet begun performing any action within the study |
|  | **Active:** The subject is currently being monitored and/or subject to treatment as part of the study |
|  | **Suspended:** The subject has temporarily discontinued monitoring/treatment as part of the study |
|  | **Withdrawn:** The subject has permanently ended participation in the study prior to completion of the intended monitoring/treatment |
|  | **Completed:** All intended monitoring/treatment of the subject has been completed and their engagement with the study is now ended |

## ValueSet: ResearchSubjectStatus

|  |  |
| --- | --- |
| Name | ResearchSubjectStatus (Research Subject Status) |
| Description | Indicates the progression of a study subject through a study |

## ValueSet: ResourceType

|  |  |
| --- | --- |
| Name | ResourceType (Resource Type) |
| Description | One of the resource types defined as part of FHIR. |
| Content | **Account:** A financial tool for tracking value accrued for a particular purpose. In the healthcare field, used to track charges for a patient, cost centers, etc. |
|  | **ActivityDefinition:** This resource allows for the definition of some activity to be performed, independent of a particular patient, practitioner, or other performance context. |
|  | **AdverseEvent:** Actual or potential/avoided event causing unintended physical injury resulting from or contributed to by medical care, a research study or other healthcare setting factors that requires additional monitoring, treatment, or hospitalization, or that results in death. |
|  | **AllergyIntolerance:** Risk of harmful or undesirable, physiological response which is unique to an individual and associated with exposure to a substance. |
|  | **Appointment:** A booking of a healthcare event among patient(s), practitioner(s), related person(s) and/or device(s) for a specific date/time. This may result in one or more Encounter(s). |
|  | **AppointmentResponse:** A reply to an appointment request for a patient and/or practitioner(s), such as a confirmation or rejection. |
|  | **AuditEvent:** A record of an event made for purposes of maintaining a security log. Typical uses include detection of intrusion attempts and monitoring for inappropriate usage. |
|  | **Basic:** Basic is used for handling concepts not yet defined in FHIR, narrative-only resources that don't map to an existing resource, and custom resources not appropriate for inclusion in the FHIR specification. |
|  | **Binary:** A binary resource can contain any content, whether text, image, pdf, zip archive, etc. |
|  | **BodySite:** Record details about the anatomical location of a specimen or body part. This resource may be used when a coded concept does not provide the necessary detail needed for the use case. |
|  | **Bundle:** A container for a collection of resources. |
|  | **CapabilityStatement:** A Capability Statement documents a set of capabilities (behaviors) of a FHIR Server that may be used as a statement of actual server functionality or a statement of required or desired server implementation. |
|  | **CarePlan:** Describes the intention of how one or more practitioners intend to deliver care for a particular patient, group or community for a period of time, possibly limited to care for a specific condition or set of conditions. |
|  | **CareTeam:** The Care Team includes all the people and organizations who plan to participate in the coordination and delivery of care for a patient. |
|  | **ChargeItem:** The resource ChargeItem describes the provision of healthcare provider products for a certain patient, therefore referring not only to the product, but containing in addition details of the provision, like date, time, amounts and participating organizations and persons. Main Usage of the ChargeItem is to enable the billing process and internal cost allocation. |
|  | **Claim:** A provider issued list of services and products provided, or to be provided, to a patient which is provided to an insurer for payment recovery. |
|  | **ClaimResponse:** This resource provides the adjudication details from the processing of a Claim resource. |
|  | **ClinicalImpression:** A record of a clinical assessment performed to determine what problem(s) may affect the patient and before planning the treatments or management strategies that are best to manage a patient's condition. Assessments are often 1:1 with a clinical consultation / encounter, but this varies greatly depending on the clinical workflow. This resource is called "ClinicalImpression" rather than "ClinicalAssessment" to avoid confusion with the recording of assessment tools such as Apgar score. |
|  | **CodeSystem:** A code system resource specifies a set of codes drawn from one or more code systems. |
|  | **Communication:** An occurrence of information being transmitted; e.g. an alert that was sent to a responsible provider, a public health agency was notified about a reportable condition. |
|  | **CommunicationRequest:** A request to convey information; e.g. the CDS system proposes that an alert be sent to a responsible provider, the CDS system proposes that the public health agency be notified about a reportable condition. |
|  | **CompartmentDefinition:** A compartment definition that defines how resources are accessed on a server. |
|  | **Composition:** A set of healthcare-related information that is assembled together into a single logical document that provides a single coherent statement of meaning, establishes its own context and that has clinical attestation with regard to who is making the statement. While a Composition defines the structure, it does not actually contain the content: rather the full content of a document is contained in a Bundle, of which the Composition is the first resource contained. |
|  | **ConceptMap:** A statement of relationships from one set of concepts to one or more other concepts - either code systems or data elements, or classes in class models. |
|  | **Condition:** A clinical condition, problem, diagnosis, or other event, situation, issue, or clinical concept that has risen to a level of concern. |
|  | **Consent:** A record of a healthcare consumer's policy choices, which permits or denies identified recipient(s) or recipient role(s) to perform one or more actions within a given policy context, for specific purposes and periods of time. |
|  | **Contract:** A formal agreement between parties regarding the conduct of business, exchange of information or other matters. |
|  | **Coverage:** Financial instrument which may be used to reimburse or pay for health care products and services. |
|  | **DataElement:** The formal description of a single piece of information that can be gathered and reported. |
|  | **DetectedIssue:** Indicates an actual or potential clinical issue with or between one or more active or proposed clinical actions for a patient; e.g. Drug-drug interaction, Ineffective treatment frequency, Procedure-condition conflict, etc. |
|  | **Device:** This resource identifies an instance or a type of a manufactured item that is used in the provision of healthcare without being substantially changed through that activity. The device may be a medical or non-medical device. Medical devices includes durable (reusable) medical equipment, implantable devices, as well as disposable equipment used for diagnostic, treatment, and research for healthcare and public health. Non-medical devices may include items such as a machine, cellphone, computer, application, etc. |
|  | **DeviceComponent:** Describes the characteristics, operational status and capabilities of a medical-related component of a medical device. |
|  | **DeviceMetric:** Describes a measurement, calculation or setting capability of a medical device. |
|  | **DeviceRequest:** Represents a request for a patient to employ a medical device. The device may be an implantable device, or an external assistive device, such as a walker. |
|  | **DeviceUseStatement:** A record of a device being used by a patient where the record is the result of a report from the patient or another clinician. |
|  | **DiagnosticReport:** The findings and interpretation of diagnostic tests performed on patients, groups of patients, devices, and locations, and/or specimens derived from these. The report includes clinical context such as requesting and provider information, and some mix of atomic results, images, textual and coded interpretations, and formatted representation of diagnostic reports. |
|  | **DocumentManifest:** A manifest that defines a set of documents. |
|  | **DocumentReference:** A reference to a document. |
|  | **DomainResource:** A resource that includes narrative, extensions, and contained resources. |
|  | **EligibilityRequest:** The EligibilityRequest provides patient and insurance coverage information to an insurer for them to respond, in the form of an EligibilityResponse, with information regarding whether the stated coverage is valid and in-force and optionally to provide the insurance details of the policy. |
|  | **EligibilityResponse:** This resource provides eligibility and plan details from the processing of an Eligibility resource. |
|  | **Encounter:** An interaction between a patient and healthcare provider(s) for the purpose of providing healthcare service(s) or assessing the health status of a patient. |
|  | **Endpoint:** The technical details of an endpoint that can be used for electronic services, such as for web services providing XDS.b or a REST endpoint for another FHIR server. This may include any security context information. |
|  | **EnrollmentRequest:** This resource provides the insurance enrollment details to the insurer regarding a specified coverage. |
|  | **EnrollmentResponse:** This resource provides enrollment and plan details from the processing of an Enrollment resource. |
|  | **EpisodeOfCare:** An association between a patient and an organization / healthcare provider(s) during which time encounters may occur. The managing organization assumes a level of responsibility for the patient during this time. |
|  | **ExpansionProfile:** Resource to define constraints on the Expansion of a FHIR ValueSet. |
|  | **ExplanationOfBenefit:** This resource provides: the claim details; adjudication details from the processing of a Claim; and optionally account balance information, for informing the subscriber of the benefits provided. |
|  | **FamilyMemberHistory:** Significant health events and conditions for a person related to the patient relevant in the context of care for the patient. |
|  | **Flag:** Prospective warnings of potential issues when providing care to the patient. |
|  | **Goal:** Describes the intended objective(s) for a patient, group or organization care, for example, weight loss, restoring an activity of daily living, obtaining herd immunity via immunization, meeting a process improvement objective, etc. |
|  | **GraphDefinition:** A formal computable definition of a graph of resources - that is, a coherent set of resources that form a graph by following references. The Graph Definition resource defines a set and makes rules about the set. |
|  | **Group:** Represents a defined collection of entities that may be discussed or acted upon collectively but which are not expected to act collectively and are not formally or legally recognized; i.e. a collection of entities that isn't an Organization. |
|  | **GuidanceResponse:** A guidance response is the formal response to a guidance request, including any output parameters returned by the evaluation, as well as the description of any proposed actions to be taken. |
|  | **HealthcareService:** The details of a healthcare service available at a location. |
|  | **ImagingManifest:** A text description of the DICOM SOP instances selected in the ImagingManifest; or the reason for, or significance of, the selection. |
|  | **ImagingStudy:** Representation of the content produced in a DICOM imaging study. A study comprises a set of series, each of which includes a set of Service-Object Pair Instances (SOP Instances - images or other data) acquired or produced in a common context. A series is of only one modality (e.g. X-ray, CT, MR, ultrasound), but a study may have multiple series of different modalities. |
|  | **Immunization:** Describes the event of a patient being administered a vaccination or a record of a vaccination as reported by a patient, a clinician or another party and may include vaccine reaction information and what vaccination protocol was followed. |
|  | **ImmunizationRecommendation:** A patient's point-in-time immunization and recommendation (i.e. forecasting a patient's immunization eligibility according to a published schedule) with optional supporting justification. |
|  | **ImplementationGuide:** A set of rules or how FHIR is used to solve a particular problem. This resource is used to gather all the parts of an implementation guide into a logical whole, and to publish a computable definition of all the parts. |
|  | **Library:** The Library resource is a general-purpose container for knowledge asset definitions. It can be used to describe and expose existing knowledge assets such as logic libraries and information model descriptions, as well as to describe a collection of knowledge assets. |
|  | **Linkage:** Identifies two or more records (resource instances) that are referring to the same real-world "occurrence". |
|  | **List:** A set of information summarized from a list of other resources. |
|  | **Location:** Details and position information for a physical place where services are provided and resources and participants may be stored, found, contained or accommodated. |
|  | **Measure:** The Measure resource provides the definition of a quality measure. |
|  | **MeasureReport:** The MeasureReport resource contains the results of evaluating a measure. |
|  | **Media:** A photo, video, or audio recording acquired or used in healthcare. The actual content may be inline or provided by direct reference. |
|  | **Medication:** This resource is primarily used for the identification and definition of a medication. It covers the ingredients and the packaging for a medication. |
|  | **MedicationAdministration:** Describes the event of a patient consuming or otherwise being administered a medication. This may be as simple as swallowing a tablet or it may be a long running infusion. Related resources tie this event to the authorizing prescription, and the specific encounter between patient and health care practitioner. |
|  | **MedicationDispense:** Indicates that a medication product is to be or has been dispensed for a named person/patient. This includes a description of the medication product (supply) provided and the instructions for administering the medication. The medication dispense is the result of a pharmacy system responding to a medication order. |
|  | **MedicationRequest:** An order or request for both supply of the medication and the instructions for administration of the medication to a patient. The resource is called "MedicationRequest" rather than "MedicationPrescription" or "MedicationOrder" to generalize the use across inpatient and outpatient settings as well as for care plans, etc and to harmonize with workflow patterns. |
|  | **MedicationStatement:** A record of a medication that is being consumed by a patient. A MedicationStatement may indicate that the patient may be taking the medication now, or has taken the medication in the past or will be taking the medication in the future. The source of this information can be the patient, significant other (such as a family member or spouse), or a clinician. A common scenario where this information is captured is during the history taking process during a patient visit or stay. The medication information may come from e.g. the patient's memory, from a prescription bottle, or from a list of medications the patient, clinician or other party maintains The primary difference between a medication statement and a medication administration is that the medication administration has complete administration information and is based on actual administration information from the person who administered the medication. A medication statement is often, if not always, less specific. There is no required date/time when the medication was administered, in fact we only know that a source has reported the patient is taking this medication, where details such as time, quantity, or rate or even medication product may be incomplete or missing or less precise. As stated earlier, the medication statement information may come from the patient's memory, from a prescription bottle or from a list of medications the patient, clinician or other party maintains. Medication administration is more formal and is not missing detailed information. |
|  | **MessageDefinition:** Defines the characteristics of a message that can be shared between systems, including the type of event that initiates the message, the content to be transmitted and what response(s), if any, are permitted. |
|  | **MessageHeader:** The header for a message exchange that is either requesting or responding to an action. The reference(s) that are the subject of the action as well as other information related to the action are typically transmitted in a bundle in which the MessageHeader resource instance is the first resource in the bundle. |
|  | **NamingSystem:** A curated namespace that issues unique symbols within that namespace for the identification of concepts, people, devices, etc. Represents a "System" used within the Identifier and Coding data types. |
|  | **NutritionOrder:** A request to supply a diet, formula feeding (enteral) or oral nutritional supplement to a patient/resident. |
|  | **Observation:** Measurements and simple assertions made about a patient, device or other subject. |
|  | **OperationDefinition:** A formal computable definition of an operation (on the RESTful interface) or a named query (using the search interaction). |
|  | **OperationOutcome:** A collection of error, warning or information messages that result from a system action. |
|  | **Organization:** A formally or informally recognized grouping of people or organizations formed for the purpose of achieving some form of collective action. Includes companies, institutions, corporations, departments, community groups, healthcare practice groups, etc. |
|  | **Parameters:** This special resource type is used to represent an operation request and response (operations.html). It has no other use, and there is no RESTful endpoint associated with it. |
|  | **Patient:** Demographics and other administrative information about an individual or animal receiving care or other health-related services. |
|  | **PaymentNotice:** This resource provides the status of the payment for goods and services rendered, and the request and response resource references. |
|  | **PaymentReconciliation:** This resource provides payment details and claim references supporting a bulk payment. |
|  | **Person:** Demographics and administrative information about a person independent of a specific health-related context. |
|  | **PlanDefinition:** This resource allows for the definition of various types of plans as a sharable, consumable, and executable artifact. The resource is general enough to support the description of a broad range of clinical artifacts such as clinical decision support rules, order sets and protocols. |
|  | **Practitioner:** A person who is directly or indirectly involved in the provisioning of healthcare. |
|  | **PractitionerRole:** A specific set of Roles/Locations/specialties/services that a practitioner may perform at an organization for a period of time. |
|  | **Procedure:** An action that is or was performed on a patient. This can be a physical intervention like an operation, or less invasive like counseling or hypnotherapy. |
|  | **ProcedureRequest:** A record of a request for a diagnostic investigation service to be performed. |
|  | **ProcessRequest:** This resource provides the target, request and response, and action details for an action to be performed by the target on or about existing resources. |
|  | **ProcessResponse:** This resource provides processing status, errors and notes from the processing of a resource. |
|  | **Provenance:** Provenance of a resource is a record that describes entities and processes involved in producing and delivering or otherwise influencing that resource. Provenance provides a critical foundation for assessing authenticity, enabling trust, and allowing reproducibility. Provenance assertions are a form of contextual metadata and can themselves become important records with their own provenance. Provenance statement indicates clinical significance in terms of confidence in authenticity, reliability, and trustworthiness, integrity, and stage in lifecycle (e.g. Document Completion - has the artifact been legally authenticated), all of which may impact security, privacy, and trust policies. |
|  | **Questionnaire:** A structured set of questions intended to guide the collection of answers. The questions are ordered and grouped into coherent subsets, corresponding to the structure of the grouping of the underlying questions. |
|  | **QuestionnaireResponse:** A structured set of questions and their answers. The questions are ordered and grouped into coherent subsets, corresponding to the structure of the grouping of the underlying questions. |
|  | **ReferralRequest:** Used to record and send details about a request for referral service or transfer of a patient to the care of another provider or provider organization. |
|  | **RelatedPerson:** Information about a person that is involved in the care for a patient, but who is not the target of healthcare, nor has a formal responsibility in the care process. |
|  | **RequestGroup:** A group of related requests that can be used to capture intended activities that have inter-dependencies such as "give this medication after that one". |
|  | **ResearchStudy:** A process where a researcher or organization plans and then executes a series of steps intended to increase the field of healthcare-related knowledge. This includes studies of safety, efficacy, comparative effectiveness and other information about medications, devices, therapies and other interventional and investigative techniques. ResearchStudies involve the gathering of information about human or animal subjects. |
|  | **ResearchSubject:** A process where a researcher or organization plans and then executes a series of steps intended to increase the field of healthcare-related knowledge. This includes studies of safety, efficacy, comparative effectiveness and other information about medications, devices, therapies and other interventional and investigative techniques. ResearchStudies involve the gathering of information about human or animal subjects. |
|  | **Resource:** This is the base resource type for everything. |
|  | **RiskAssessment:** An assessment of the likely outcome(s) for a patient or other subject as well as the likelihood of each outcome. |
|  | **Schedule:** A container for slots of time that may be available for booking appointments. |
|  | **SearchParameter:** A search parameter that defines a named search item that can be used to search/filter on a resource. |
|  | **Sequence:** Raw data describing a biological sequence. |
|  | **ServiceDefinition:** The ServiceDefinition describes a unit of decision support functionality that is made available as a service, such as immunization modules or drug-drug interaction checking. |
|  | **Slot:** A slot of time on a schedule that may be available for booking appointments. |
|  | **Specimen:** A sample to be used for analysis. |
|  | **StructureDefinition:** A definition of a FHIR structure. This resource is used to describe the underlying resources, data types defined in FHIR, and also for describing extensions, and constraints on resources and data types. |
|  | **StructureMap:** A Map of relationships between 2 structures that can be used to transform data. |
|  | **Subscription:** The subscription resource is used to define a push based subscription from a server to another system. Once a subscription is registered with the server, the server checks every resource that is created or updated, and if the resource matches the given criteria, it sends a message on the defined "channel" so that another system is able to take an appropriate action. |
|  | **Substance:** A homogeneous material with a definite composition. |
|  | **SupplyDelivery:** Record of delivery of what is supplied. |
|  | **SupplyRequest:** A record of a request for a medication, substance or device used in the healthcare setting. |
|  | **Task:** A task to be performed. |
|  | **TestReport:** TestReport is a resource that includes summary information on the results of executing a TestScript. |
|  | **TestScript:** TestScript is a resource that specifies a suite of tests against a FHIR server implementation to determine compliance against the FHIR specification. |
|  | **ValueSet:** A value set specifies a set of codes drawn from one or more code systems. |
|  | **VisionPrescription:** An authorization for the supply of glasses and/or contact lenses to a patient. |

## ValueSet: ResourceType

|  |  |
| --- | --- |
| Name | ResourceType (Resource Type) |
| Description | One of the resource types defined as part of FHIR. |

## ValueSet: ResourceValidationMode

|  |  |
| --- | --- |
| Name | ResourceValidationMode (Resource Validation Mode) |
| Description | Codes indicating the type of validation to perform |
| Content | **Validate for Create:** The server checks the content, and then checks that the content would be acceptable as a create (e.g. that the content would not violate any uniqueness constraints). |
|  | **Validate for Update:** The server checks the content, and then checks that it would accept it as an update against the nominated specific resource (e.g. that there are no changes to immutable fields the server does not allow to change, and checking version integrity if appropriate). |
|  | **Validate for Delete:** The server ignores the content, and checks that the nominated resource is allowed to be deleted (e.g. checking referential integrity rules). |

## ValueSet: ResourceValidationMode

|  |  |
| --- | --- |
| Name | ResourceValidationMode (Resource Validation Mode) |
| Description | Codes indicating the type of validation to perform |

## ValueSet: ResourceVersionPolicy

|  |  |
| --- | --- |
| Name | ResourceVersionPolicy (Resource Version Policy) |
| Description | How the system supports versioning for a resource. |
| Content | **No VersionId Support:** VersionId meta-property is not supported (server) or used (client). |
|  | **Versioned:** VersionId meta-property is supported (server) or used (client). |
|  | **VersionId tracked fully:** VersionId is must be correct for updates (server) or will be specified (If-match header) for updates (client). |

## ValueSet: ResourceVersionPolicy

|  |  |
| --- | --- |
| Name | ResourceVersionPolicy (Resource Version Policy) |
| Description | How the system supports versioning for a resource. |

## ValueSet: ResponseType

|  |  |
| --- | --- |
| Name | ResponseType (Response Type) |
| Description | The kind of response to a message |
| Content | **OK:** The message was accepted and processed without error. |
|  | **Transient Error:** Some internal unexpected error occurred - wait and try again. Note - this is usually used for things like database unavailable, which may be expected to resolve, though human intervention may be required. |
|  | **Fatal Error:** The message was rejected because of some content in it. There is no point in re-sending without change. The response narrative SHALL describe the issue. |

## ValueSet: ResponseType

|  |  |
| --- | --- |
| Name | ResponseType (Response Type) |
| Description | The kind of response to a message |

## ValueSet: RestfulCapabilityMode

|  |  |
| --- | --- |
| Name | RestfulCapabilityMode (Restful Capability Mode) |
| Description | The mode of a RESTful capability statement. |
| Content | **Client:** The application acts as a client for this resource. |
|  | **Server:** The application acts as a server for this resource. |

## ValueSet: RestfulCapabilityMode

|  |  |
| --- | --- |
| Name | RestfulCapabilityMode (Restful Capability Mode) |
| Description | The mode of a RESTful capability statement. |

## ValueSet: RestfulSecurityService

|  |  |
| --- | --- |
| Name | RestfulSecurityService (Restful Security Service) |
| Description | Types of security services used with FHIR. |
| Content | **OAuth:** Oauth (unspecified version see oauth.net). |
|  | **SMART-on-FHIR:** OAuth2 using SMART-on-FHIR profile (see http://docs.smarthealthit.org/). |
|  | **NTLM:** Microsoft NTLM Authentication. |
|  | **Basic:** Basic authentication defined in HTTP specification. |
|  | **Kerberos:** see http://www.ietf.org/rfc/rfc4120.txt. |
|  | **Certificates:** SSL where client must have a certificate registered with the server. |

## ValueSet: RestfulSecurityService

|  |  |
| --- | --- |
| Name | RestfulSecurityService (Restful Security Service) |
| Description | Types of security services used with FHIR. |

## ValueSet: SearchComparator

|  |  |
| --- | --- |
| Name | SearchComparator (Search Comparator) |
| Description | What Search Comparator Codes are supported in search |
| Content | **Equals:** the value for the parameter in the resource is equal to the provided value |
|  | **Not Equals:** the value for the parameter in the resource is not equal to the provided value |
|  | **Greater Than:** the value for the parameter in the resource is greater than the provided value |
|  | **Less Then:** the value for the parameter in the resource is less than the provided value |
|  | **Greater or Equals:** the value for the parameter in the resource is greater or equal to the provided value |
|  | **Less of Equal:** the value for the parameter in the resource is less or equal to the provided value |
|  | **Starts After:** the value for the parameter in the resource starts after the provided value |
|  | **Ends Before:** the value for the parameter in the resource ends before the provided value |
|  | **Approximately:** the value for the parameter in the resource is approximately the same to the provided value. |

## ValueSet: SearchComparator

|  |  |
| --- | --- |
| Name | SearchComparator (Search Comparator) |
| Description | What Search Comparator Codes are supported in search |

## ValueSet: SearchEntryMode

|  |  |
| --- | --- |
| Name | SearchEntryMode (Search Entry Mode) |
| Description | Why an entry is in the result set - whether it's included as a match or because of an \_include requirement. |
| Content | **Match:** This resource matched the search specification. |
|  | **Include:** This resource is returned because it is referred to from another resource in the search set. |
|  | **Outcome:** An OperationOutcome that provides additional information about the processing of a search. |

## ValueSet: SearchEntryMode

|  |  |
| --- | --- |
| Name | SearchEntryMode (Search Entry Mode) |
| Description | Why an entry is in the result set - whether it's included as a match or because of an \_include requirement. |

## ValueSet: SearchModifierCode

|  |  |
| --- | --- |
| Name | SearchModifierCode (Search Modifier Code) |
| Description | A supported modifier for a search parameter. |
| Content | **Missing:** The search parameter returns resources that have a value or not. |
|  | **Exact:** The search parameter returns resources that have a value that exactly matches the supplied parameter (the whole string, including casing and accents). |
|  | **Contains:** The search parameter returns resources that include the supplied parameter value anywhere within the field being searched. |
|  | **Not:** The search parameter returns resources that do not contain a match . |
|  | **Text:** The search parameter is processed as a string that searches text associated with the code/value - either CodeableConcept.text, Coding.display, or Identifier.type.text. |
|  | **In:** The search parameter is a URI (relative or absolute) that identifies a value set, and the search parameter tests whether the coding is in the specified value set. |
|  | **Not In:** The search parameter is a URI (relative or absolute) that identifies a value set, and the search parameter tests whether the coding is not in the specified value set. |
|  | **Below:** The search parameter tests whether the value in a resource is subsumed by the specified value (is-a, or hierarchical relationships). |
|  | **Above:** The search parameter tests whether the value in a resource subsumes the specified value (is-a, or hierarchical relationships). |
|  | **Type:** The search parameter only applies to the Resource Type specified as a modifier (e.g. the modifier is not actually :type, but :Patient etc.). |

## ValueSet: SearchModifierCode

|  |  |
| --- | --- |
| Name | SearchModifierCode (Search Modifier Code) |
| Description | A supported modifier for a search parameter. |

## ValueSet: SearchParamType

|  |  |
| --- | --- |
| Name | SearchParamType (Search Param Type) |
| Description | Data types allowed to be used for search parameters. |

## ValueSet: SecurityRoleType

|  |  |
| --- | --- |
| Name | SecurityRoleType (Security Role Type) |
| Description | This example FHIR value set is comprised of example Actor Type codes, which can be used to value FHIR agents, actors, and other role elements such as those specified in financial transactions. The FHIR Actor value set is based on DICOM Audit Message, C402; ASTM Standard, E1762-95 [2013]; selected codes and derived actor roles from HL7 RoleClass OID 2.16.840.1.113883.5.110; HL7 Role Code 2.16.840.1.113883.5.111, including AgentRoleType; HL7 ParticipationType OID: 2.16.840.1.113883.5.90; and HL7 ParticipationFunction codes OID: 2.16.840.1.113883.5.88. This value set includes, by reference, role codes from external code systems: NUCC Health Care Provider Taxonomy OID: 2.16.840.1.113883.6.101; North American Industry Classification System [NAICS]OID: 2.16.840.1.113883.6.85; IndustryClassificationSystem 2.16.840.1.113883.1.11.16039; and US Census Occupation Code OID: 2.16.840.1.113883.6.243 for relevant recipient or custodian codes not included in this value set. If no source is indicated in the definition comments, then these are example FHIR codes. It can be extended with appropriate roles described by SNOMED as well as those described in the HL7 Role Based Access Control Catalog and the HL7 Healthcare (Security and Privacy) Access Control Catalog. In Role-Based Access Control (RBAC), permissions are operations on an object that a user wishes to access. Permissions are grouped into roles. A role characterizes the functions a user is allowed to perform. Roles are assigned to users. If the user's role has the appropriate permissions to access an object, then that user is granted access to the object. FHIR readily enables RBAC, as FHIR Resources are object types and the CRUDE events (the FHIR equivalent to permissions in the RBAC scheme) are operations on those objects. In Attribute-Based Access Control (ABAC), a user requests to perform operations on objects. That user's access request is granted or denied based on a set of access control policies that are specified in terms of attributes and conditions. FHIR readily enables ABAC, as instances of a Resource in FHIR (again, Resources are object types) can have attributes associated with them. These attributes include security tags, environment conditions, and a host of user and object characteristics, which are the same attributes as those used in ABAC. Attributes help define the access control policies that determine the operations a user may perform on a Resource (in FHIR) or object (in ABAC). For example, a tag (or attribute) may specify that the identified Resource (object) is not to be further disclosed without explicit consent from the patient. |
| Copyright | This is an example FHIR value set based on ASTM Standard, E1762-95 (2013) HL7 RoleClass OID 2.16.840.1.113883.5.110, HL7 Role Code 2.16.840.1.113883.5.111, HL7 ParticipationType OID: 2.16.840.1.113883.5.90, HL7 ParticipationFunction codes at OID: 2.16.840.1.113883.5.88, and HL7 Security and Privacy Domain Analysis Model roles classes. These codes are excerpted from Digital Imaging and Communications in Medicine (DICOM) Standard, Part 16: Content Mapping Resource, Copyright Â© 2011 by the National Electrical Manufacturers Association. |

## ValueSet: ServiceProvisionConditions

|  |  |
| --- | --- |
| Name | ServiceProvisionConditions (Service Provision Conditions) |
| Description | The code(s) that detail the conditions under which the healthcare service is available/offered. |
| Content | **Free:** This service is available for no patient cost. |
|  | **Discounts Available:** There are discounts available on this service for qualifying patients. |
|  | **Fees apply:** Fees apply for this service. |

## ValueSet: ServiceProvisionConditions

|  |  |
| --- | --- |
| Name | ServiceProvisionConditions (Service Provision Conditions) |
| Description | The code(s) that detail the conditions under which the healthcare service is available/offered. |

## ValueSet: SlicingRules

|  |  |
| --- | --- |
| Name | SlicingRules (Slicing Rules) |
| Description | How slices are interpreted when evaluating an instance. |
| Content | **Closed:** No additional content is allowed other than that described by the slices in this profile. |
|  | **Open:** Additional content is allowed anywhere in the list. |
|  | **Open at End:** Additional content is allowed, but only at the end of the list. Note that using this requires that the slices be ordered, which makes it hard to share uses. This should only be done where absolutely required. |

## ValueSet: SlicingRules

|  |  |
| --- | --- |
| Name | SlicingRules (Slicing Rules) |
| Description | How slices are interpreted when evaluating an instance. |

## ValueSet: SlotStatus

|  |  |
| --- | --- |
| Name | SlotStatus (Slot Status) |
| Description | The free/busy status of the slot. |
| Content | **Busy:** Indicates that the time interval is busy because one or more events have been scheduled for that interval. |
|  | **Free:** Indicates that the time interval is free for scheduling. |
|  | **Busy (Unavailable):** Indicates that the time interval is busy and that the interval can not be scheduled. |
|  | **Busy (Tentative):** Indicates that the time interval is busy because one or more events have been tentatively scheduled for that interval. |
|  | **Entered in error:** This instance should not have been part of this patient's medical record. |

## ValueSet: SlotStatus

|  |  |
| --- | --- |
| Name | SlotStatus (Slot Status) |
| Description | The free/busy status of the slot. |

## ValueSet: SpecialValues

|  |  |
| --- | --- |
| Name | SpecialValues (Special Values) |
| Description | A set of generally useful codes defined so they can be included in value sets. |

## ValueSet: SpecimenStatus

|  |  |
| --- | --- |
| Name | SpecimenStatus (Specimen Status) |
| Description | Codes providing the status/availability of a specimen. |
| Content | **Available:** The physical specimen is present and in good condition. |
|  | **Unavailable:** There is no physical specimen because it is either lost, destroyed or consumed. |
|  | **Unsatisfactory:** The specimen cannot be used because of a quality issue such as a broken container, contamination, or too old. |
|  | **Entered-in-error:** The specimen was entered in error and therefore nullified. |

## ValueSet: SpecimenStatus

|  |  |
| --- | --- |
| Name | SpecimenStatus (Specimen Status) |
| Description | Codes providing the status/availability of a specimen. |

## ValueSet: StatisticsCode

|  |  |
| --- | --- |
| Name | StatisticsCode (Statistics Code) |
| Description | The statistical operation parameter -"statistic" - codes |
| Content | **Average:** The [mean](https://en.wikipedia.org/wiki/Arithmetic\_mean) of N measurements over the stated period |
|  | **Maximum:** The [maximum](https://en.wikipedia.org/wiki/Maximal\_element) value of N measurements over the stated period |
|  | **Minimum:** The [minimum](https://en.wikipedia.org/wiki/Minimal\_element) value of N measurements over the stated period |
|  | **Count:** The [number] of valid measurements over the stated period that contributed to the other statistical outputs |
|  | **Total Count:** The total [number] of valid measurements over the stated period, including observations that were ignored because they did not contain valid result values |
|  | **Median:** The [median](https://en.wikipedia.org/wiki/Median) of N measurements over the stated period |
|  | **Standard Deviation:** The [standard deviation](https://en.wikipedia.org/wiki/Standard\_deviation) of N measurements over the stated period |
|  | **Sum:** The [sum](https://en.wikipedia.org/wiki/Summation) of N measurements over the stated period |
|  | **Variance:** The [variance](https://en.wikipedia.org/wiki/Variance) of N measurements over the stated period |
|  | **20th Percentile:** The 20th [Percentile](https://en.wikipedia.org/wiki/Percentile) of N measurements over the stated period |
|  | **80th Percentile:** The 80th [Percentile](https://en.wikipedia.org/wiki/Percentile) of N measurements over the stated period |
|  | **Lower Quartile:** The lower [Quartile](https://en.wikipedia.org/wiki/Quartile) Boundary of N measurements over the stated period |
|  | **Upper Quartile:** The upper [Quartile](https://en.wikipedia.org/wiki/Quartile) Boundary of N measurements over the stated period |
|  | **Quartile Deviation:** The difference between the upper and lower [Quartiles](https://en.wikipedia.org/wiki/Quartile) is called the Interquartile range. (IQR = Q3-Q1) Quartile deviation or Semi-interquartile range is one-half the difference between the first and the third quartiles. |
|  | **1st Quintile:** The lowest of four values that divide the N measurementsinto a frequency distribution of five classes with each containing one fifth of the total population |
|  | **2nd Quintile:** The second of four values that divide the N measurementsinto a frequency distribution of five classes with each containing one fifth of the total population |
|  | **3rd Quintile:** The third of four values that divide the N measurementsinto a frequency distribution of five classes with each containing one fifth of the total population |
|  | **4th Quintile:** The fourth of four values that divide the N measurementsinto a frequency distribution of five classes with each containing one fifth of the total population |
|  | **Skew:** Skewness is a measure of the asymmetry of the probability distribution of a real-valued random variable about its mean. The skewness value can be positive or negative, or even undefined. Source: [Wikipedia](https://en.wikipedia.org/wiki/Skewness) |
|  | **Kurtosis:** Kurtosis is a measure of the "tailedness" of the probability distribution of a real-valued random variable. Source: [Wikipedia](https://en.wikipedia.org/wiki/Kurtosis) |
|  | **Regression:** Linear regression is an approach for modeling two-dimensional sample points with one independent variable and one dependent variable (conventionally, the x and y coordinates in a Cartesian coordinate system) and finds a linear function (a non-vertical straight line) that, as accurately as possible, predicts the dependent variable values as a function of the independent variables. Source: [Wikipedia](https://en.wikipedia.org/wiki/Simple\_linear\_regression) This Statistic code will return both a gradient and an intercept value. |

## ValueSet: StatisticsCode

|  |  |
| --- | --- |
| Name | StatisticsCode (Statistics Code) |
| Description | The statistical operation parameter -"statistic" - codes |

## ValueSet: StructureDefinitionKind

|  |  |
| --- | --- |
| Name | StructureDefinitionKind (Structure Definition Kind) |
| Description | Defines the type of structure that a definition is describing. |
| Content | **Primitive Data Type:** A data type, which is a primitive type that has a value and an extension. These can be used throughout Resource and extension definitions. Only tbe base specification can define primitive types. |
|  | **Complex Data Type:** A data type - either a complex structure that defines a set of data elements. These can be used throughout Resource and extension definitions, and in logical models. |
|  | **Resource:** A resource defined by the FHIR specification. |
|  | **Logical Model:** A logical model - a conceptual package of data that will be mapped to resources for implementation. |

## ValueSet: StructureDefinitionKind

|  |  |
| --- | --- |
| Name | StructureDefinitionKind (Structure Definition Kind) |
| Description | Defines the type of structure that a definition is describing. |

## ValueSet: StructureMapContextType

|  |  |
| --- | --- |
| Name | StructureMapContextType (Structure Map Context Type) |
| Description | How to interpret the context |
| Content | **Type:** The context specifies a type |
|  | **Variable:** The context specifies a variable |

## ValueSet: StructureMapContextType

|  |  |
| --- | --- |
| Name | StructureMapContextType (Structure Map Context Type) |
| Description | How to interpret the context |

## ValueSet: StructureMapGroupTypeMode

|  |  |
| --- | --- |
| Name | StructureMapGroupTypeMode (Structure Map Group Type Mode) |
| Description | If this is the default rule set to apply for thie source type, or this combination of types |
| Content | **Not a Default:** This group is not a default group for the types |
|  | **Default for Type Combination:** This group is a default mapping group for the specified types and for the primary source type |
|  | **Default for type + combination:** This group is a default mapping group for the specified types |

## ValueSet: StructureMapGroupTypeMode

|  |  |
| --- | --- |
| Name | StructureMapGroupTypeMode (Structure Map Group Type Mode) |
| Description | If this is the default rule set to apply for thie source type, or this combination of types |

## ValueSet: StructureMapInputMode

|  |  |
| --- | --- |
| Name | StructureMapInputMode (Structure Map Input Mode) |
| Description | Mode for this instance of data |
| Content | **Source Instance:** Names an input instance used a source for mapping |
|  | **Target Instance:** Names an instance that is being populated |

## ValueSet: StructureMapInputMode

|  |  |
| --- | --- |
| Name | StructureMapInputMode (Structure Map Input Mode) |
| Description | Mode for this instance of data |

## ValueSet: StructureMapModelMode

|  |  |
| --- | --- |
| Name | StructureMapModelMode (Structure Map Model Mode) |
| Description | How the referenced structure is used in this mapping |
| Content | **Source Structure Definition:** This structure describes an instance passed to the mapping engine that is used a source of data |
|  | **Queried Structure Definition:** This structure describes an instance that the mapping engine may ask for that is used a source of data |
|  | **Target Structure Definition:** This structure describes an instance passed to the mapping engine that is used a target of data |
|  | **Produced Structure Definition:** This structure describes an instance that the mapping engine may ask to create that is used a target of data |

## ValueSet: StructureMapModelMode

|  |  |
| --- | --- |
| Name | StructureMapModelMode (Structure Map Model Mode) |
| Description | How the referenced structure is used in this mapping |

## ValueSet: StructureMapSourceListMode

|  |  |
| --- | --- |
| Name | StructureMapSourceListMode (Structure Map Source List Mode) |
| Description | If field is a list, how to manage the source |
| Content | **First:** Only process this rule for the first in the list |
|  | **All but the first:** Process this rule for all but the first |
|  | **Last:** Only process this rule for the last in the list |
|  | **All but the last:** Process this rule for all but the last |
|  | **Enforce only one:** Only process this rule is there is only item |

## ValueSet: StructureMapSourceListMode

|  |  |
| --- | --- |
| Name | StructureMapSourceListMode (Structure Map Source List Mode) |
| Description | If field is a list, how to manage the source |

## ValueSet: StructureMapTargetListMode

|  |  |
| --- | --- |
| Name | StructureMapTargetListMode (Structure Map Target List Mode) |
| Description | If field is a list, how to manage the production |
| Content | **First:** when the target list is being assembled, the items for this rule go first. If more that one rule defines a first item (for a given instance of mapping) then this is an error |
|  | **Share:** the target instance is shared with the target instances generated by another rule (up to the first common n items, then create new ones) |
|  | **Last:** when the target list is being assembled, the items for this rule go last. If more that one rule defines a last item (for a given instance of mapping) then this is an error |
|  | **Collate:** re-use the first item in the list, and keep adding content to it |

## ValueSet: StructureMapTargetListMode

|  |  |
| --- | --- |
| Name | StructureMapTargetListMode (Structure Map Target List Mode) |
| Description | If field is a list, how to manage the production |

## ValueSet: StructureMapTransform

|  |  |
| --- | --- |
| Name | StructureMapTransform (Structure Map Transform) |
| Description | How data is copied / created |
| Content | **create:** create(type : string) - type is passed through to the application on the standard API, and must be known by it |
|  | **copy:** copy(source) |
|  | **truncate:** truncate(source, length) - source must be stringy type |
|  | **escape:** escape(source, fmt1, fmt2) - change source from one kind of escaping to another (plain, java, xml, json). note that this is for when the string itself is escaped |
|  | **cast:** cast(source, type?) - case source from one type to another. target type can be left as implicit if there is one and only one target type known |
|  | **append:** append(source...) - source is element or string |
|  | **translate:** translate(source, uri\_of\_map) - use the translate operation |
|  | **reference:** reference(source : object) - return a string that references the provided tree properly |
|  | **dateOp:** Perform a date operation. Parameters to be documented |
|  | **uuid:** Generate a random UUID (in lowercase). No Parameters |
|  | **pointer:** Return the appropriate string to put in a Reference that refers to the resource provided as a parameter |
|  | **evaluate:** Execute the supplied fluentpath expression and use the value returned by that |
|  | **cc:** Create a CodeableConcept. Parameters = (text) or (system. Code[, display]) |
|  | **c:** Create a Coding. Parameters = (system. Code[, display]) |
|  | **qty:** Create a quantity. Parameters = (text) or (value, unit, [system, code]) where text =s the natural represenation e.g. [comparator]value[space]unit |
|  | **id:** Create an identifier. Parameters = (system, value[, type]) where type is a code from the identifier type value set |
|  | **cp:** Create a contact details. Parameters = (value) or (system, value). If no system is provided, the system should be inferred from the content of the value |

## ValueSet: StructureMapTransform

|  |  |
| --- | --- |
| Name | StructureMapTransform (Structure Map Transform) |
| Description | How data is copied / created |

## ValueSet: SubscriptionChannelType

|  |  |
| --- | --- |
| Name | SubscriptionChannelType (Subscription Channel Type) |
| Description | The type of method used to execute a subscription. |
| Content | **Rest Hook:** The channel is executed by making a post to the URI. If a payload is included, the URL is interpreted as the service base, and an update (PUT) is made. |
|  | **Websocket:** The channel is executed by sending a packet across a web socket connection maintained by the client. The URL identifies the websocket, and the client binds to this URL. |
|  | **Email:** The channel is executed by sending an email to the email addressed in the URI (which must be a mailto:). |
|  | **SMS:** The channel is executed by sending an SMS message to the phone number identified in the URL (tel:). |
|  | **Message:** The channel is executed by sending a message (e.g. a Bundle with a MessageHeader resource etc.) to the application identified in the URI. |

## ValueSet: SubscriptionChannelType

|  |  |
| --- | --- |
| Name | SubscriptionChannelType (Subscription Channel Type) |
| Description | The type of method used to execute a subscription. |

## ValueSet: SubscriptionStatus

|  |  |
| --- | --- |
| Name | SubscriptionStatus (Subscription Status) |
| Description | The status of a subscription. |
| Content | **Requested:** The client has requested the subscription, and the server has not yet set it up. |
|  | **Active:** The subscription is active. |
|  | **Error:** The server has an error executing the notification. |
|  | **Off:** Too many errors have occurred or the subscription has expired. |

## ValueSet: SubscriptionStatus

|  |  |
| --- | --- |
| Name | SubscriptionStatus (Subscription Status) |
| Description | The status of a subscription. |

## ValueSet: SubscriptionTag

|  |  |
| --- | --- |
| Name | SubscriptionTag (Subscription Tag) |
| Description | Tags to put on a resource after subscriptions have been sent. |
| Content | **Queued:** The message has been queued for processing on a destination systems. |
|  | **Delivered:** The message has been delivered to its intended recipient. |

## ValueSet: SubscriptionTag

|  |  |
| --- | --- |
| Name | SubscriptionTag (Subscription Tag) |
| Description | Tags to put on a resource after subscriptions have been sent. |

## ValueSet: SupplyDeliveryStatus

|  |  |
| --- | --- |
| Name | SupplyDeliveryStatus (Supply Delivery Status) |
| Description | Status of the supply delivery. |
| Content | **In Progress:** Supply has been requested, but not delivered. |
|  | **Delivered:** Supply has been delivered ("completed"). |
|  | **Abandoned:** Delivery was not completed. |
|  | **Entered In Error:** This electronic record should never have existed, though it is possible that real-world decisions were based on it. (If real-world activity has occurred, the status should be "cancelled" rather than "entered-in-error".) |

## ValueSet: SupplyDeliveryStatus

|  |  |
| --- | --- |
| Name | SupplyDeliveryStatus (Supply Delivery Status) |
| Description | Status of the supply delivery. |

## ValueSet: SupplyRequestReason

|  |  |
| --- | --- |
| Name | SupplyRequestReason (Supply Request Reason) |
| Description | Why the supply item was requested |
| Content | **Patient Care:** The supply has been requested for use in direct patient care. |
|  | **Ward Stock:** The supply has been requested for for creating or replenishing ward stock. |

## ValueSet: SupplyRequestReason

|  |  |
| --- | --- |
| Name | SupplyRequestReason (Supply Request Reason) |
| Description | Why the supply item was requested |

## ValueSet: SupplyRequestStatus

|  |  |
| --- | --- |
| Name | SupplyRequestStatus (Supply Request Status) |
| Description | Status of the supply request |
| Content | **Draft:** The request has been created but is not yet complete or ready for action |
|  | **Active:** The request is ready to be acted upon |
|  | **Suspended:** The authorization/request to act has been temporarily withdrawn but is expected to resume in the future |
|  | **Cancelled:** The authorization/request to act has been terminated prior to the full completion of the intended actions. No further activity should occur. |
|  | **Completed:** Activity against the request has been sufficiently completed to the satisfaction of the requester |
|  | **Entered in Error:** This electronic record should never have existed, though it is possible that real-world decisions were based on it. (If real-world activity has occurred, the status should be "cancelled" rather than "entered-in-error".) |
|  | **Unknown:** The authoring system does not know which of the status values currently applies for this request. Note: This concept is not to be used for "other" - one of the listed statuses is presumed to apply, it's just not known which one. |

## ValueSet: SupplyRequestStatus

|  |  |
| --- | --- |
| Name | SupplyRequestStatus (Supply Request Status) |
| Description | Status of the supply request |

## ValueSet: SystemRestfulInteraction

|  |  |
| --- | --- |
| Name | SystemRestfulInteraction (System Restful Interaction) |
| Description | Operations supported by REST at the system level. |

## ValueSet: SystemVersionProcessingMode

|  |  |
| --- | --- |
| Name | SystemVersionProcessingMode (System Version Processing Mode) |
| Description | How to manage the intersection between a fixed version in a value set, and a fixed version of the system in the expansion profile |
| Content | **Default Version:** Use this version of the code system if a value set doesn't specify a version |
|  | **Check ValueSet Version:** Use this version of the code system. If a value set specifies a different version, the expansion operation should fail |
|  | **Override ValueSet Version:** Use this version of the code system irrespective of which version is specified by a value set. Note that this has obvious safety issues, in that it may result in a value set expansion giving a different list of codes that is both wrong and unsafe, and implementers should only use this capability reluctantly. It primarily exists to deal with situations where specifications have fallen into decay as time passes. If a version is override, the version used SHALL explicitly be represented in the expansion parameters |

## ValueSet: SystemVersionProcessingMode

|  |  |
| --- | --- |
| Name | SystemVersionProcessingMode (System Version Processing Mode) |
| Description | How to manage the intersection between a fixed version in a value set, and a fixed version of the system in the expansion profile |

## ValueSet: TaskPerformerType

|  |  |
| --- | --- |
| Name | TaskPerformerType (Task Performer Type) |
| Description | The type(s) of task performers allowed |
| Content | **Requester:** A workflow participant that requests services. |
|  | **Dispatcher:** A workflow participant that dispatches services (assigns another task to a participant). |
|  | **Scheduler:** A workflow participant that schedules (dispatches and sets the time or date for performance of) services. |
|  | **Performer:** A workflow participant that performs services. |
|  | **Monitor:** A workflow participant that monitors task activity. |
|  | **Manager:** A workflow participant that manages task activity. |
|  | **Acquirer:** A workflow participant that acquires resources (specimens, images, etc) necessary to perform the task. |
|  | **Reviewer:** A workflow participant that reviews task inputs or outputs. |

## ValueSet: TaskPerformerType

|  |  |
| --- | --- |
| Name | TaskPerformerType (Task Performer Type) |
| Description | The type(s) of task performers allowed |

## ValueSet: TaskStatus

|  |  |
| --- | --- |
| Name | TaskStatus (Task Status) |
| Description | The current status of the task. |
| Content | **Draft:** The task is not yet ready to be acted upon. |
|  | **Requested:** The task is ready to be acted upon and action is sought. |
|  | **Received:** A potential performer has claimed ownership of the task and is evaluating whether to perform it. |
|  | **Accepted:** The potential performer has agreed to execute the task but has not yet started work. |
|  | **Rejected:** The potential performer who claimed ownership of the task has decided not to execute it prior to performing any action. |
|  | **Ready:** Task is ready to be performed, but no action has yet been taken. Used in place of requested/received/accepted/rejected when request assignment and acceptance is a given. |
|  | **Cancelled:** The task was not completed. |
|  | **In Progress:** Task has been started but is not yet complete. |
|  | **On Hold:** Task has been started but work has been paused. |
|  | **Failed:** The task was attempted but could not be completed due to some error. |
|  | **Completed:** The task has been completed. |
|  | **Entered in Error:** The task should never have existed and is retained only because of the possibility it may have used. |

## ValueSet: TaskStatus

|  |  |
| --- | --- |
| Name | TaskStatus (Task Status) |
| Description | The current status of the task. |

## ValueSet: TemplateStatusCode

|  |  |
| --- | --- |
| Name | TemplateStatusCode (Template Status Code) |
| Description | The status indicates the level of maturity of the design and may be used to manage the use of the design |

## ValueSet: TestReportActionResult

|  |  |
| --- | --- |
| Name | TestReportActionResult (Test Report Action Result) |
| Description | The results of executing an action. |
| Content | **Pass:** The action was successful. |
|  | **Skip:** The action was skipped. |
|  | **Fail:** The action failed. |
|  | **Warning:** The action passed but with warnings. |
|  | **Error:** The action encountered a fatal error and the engine was unable to process. |

## ValueSet: TestReportActionResult

|  |  |
| --- | --- |
| Name | TestReportActionResult (Test Report Action Result) |
| Description | The results of executing an action. |

## ValueSet: TestReportParticipantType

|  |  |
| --- | --- |
| Name | TestReportParticipantType (Test Report Participant Type) |
| Description | The type of participant. |
| Content | **Test Engine:** The test execution engine. |
|  | **Client:** A FHIR Client |
|  | **Server:** A FHIR Server |

## ValueSet: TestReportParticipantType

|  |  |
| --- | --- |
| Name | TestReportParticipantType (Test Report Participant Type) |
| Description | The type of participant. |

## ValueSet: TestReportResult

|  |  |
| --- | --- |
| Name | TestReportResult (Test Report Result) |
| Description | The reported execution result. |
| Content | **Pass:** All test operations successfully passed all asserts |
|  | **Fail:** One or more test operations failed one or more asserts |
|  | **Pending:** One or more test operations is pending execution completion |

## ValueSet: TestReportResult

|  |  |
| --- | --- |
| Name | TestReportResult (Test Report Result) |
| Description | The reported execution result. |

## ValueSet: TestReportStatus

|  |  |
| --- | --- |
| Name | TestReportStatus (Test Report Status) |
| Description | The current status of the test report. |
| Content | **Completed:** All test operations have completed |
|  | **In Progress:** A test operations is currently executing |
|  | **Waiting:** A test operation is waiting for an external client request |
|  | **Stopped:** The test script execution was manually stopped |
|  | **Entered In Error:** This test report was entered or created in error |

## ValueSet: TestReportStatus

|  |  |
| --- | --- |
| Name | TestReportStatus (Test Report Status) |
| Description | The current status of the test report. |

## ValueSet: TestScriptRequestMethodCode

|  |  |
| --- | --- |
| Name | TestScriptRequestMethodCode (Test Script Request Method Code) |
| Description | The allowable request method or HTTP operation codes. |
| Content | **DELETE:** HTTP DELETE operation |
|  | **GET:** HTTP GET operation |
|  | **OPTIONS:** HTTP OPTIONS operation |
|  | **PATCH:** HTTP PATCH operation |
|  | **POST:** HTTP POST operation |
|  | **PUT:** HTTP PUT operation |

## ValueSet: TestScriptRequestMethodCode

|  |  |
| --- | --- |
| Name | TestScriptRequestMethodCode (Test Script Request Method Code) |
| Description | The allowable request method or HTTP operation codes. |

## ValueSet: TimingAbbreviation

|  |  |
| --- | --- |
| Name | TimingAbbreviation (Timing Abbreviation) |
| Description | Code for a known / defined timing pattern. |

## ValueSet: TransactionMode

|  |  |
| --- | --- |
| Name | TransactionMode (Transaction Mode) |
| Description | A code that indicates how transactions are supported. |
| Content | **None:** Neither batch or transaction is supported. |
|  | **Batches supported:** Batches are supported. |
|  | **Transactions Supported:** Transactions are supported. |
|  | **Batches & Transactions:** Both batches and transactions are supported. |

## ValueSet: TransactionMode

|  |  |
| --- | --- |
| Name | TransactionMode (Transaction Mode) |
| Description | A code that indicates how transactions are supported. |

## ValueSet: TriggerType

|  |  |
| --- | --- |
| Name | TriggerType (Trigger Type) |
| Description | The type of trigger |

## ValueSet: TypeDerivationRule

|  |  |
| --- | --- |
| Name | TypeDerivationRule (Type Derivation Rule) |
| Description | How a type relates to it's baseDefinition. |
| Content | **Specialization:** This definition defines a new type that adds additional elements to the base type |
|  | **Constraint:** This definition adds additional rules to an existing concrete type |

## ValueSet: TypeDerivationRule

|  |  |
| --- | --- |
| Name | TypeDerivationRule (Type Derivation Rule) |
| Description | How a type relates to it's baseDefinition. |

## ValueSet: TypeRestfulInteraction

|  |  |
| --- | --- |
| Name | TypeRestfulInteraction (Type Restful Interaction) |
| Description | Operations supported by REST at the type or instance level. |

## ValueSet: UDIEntryType

|  |  |
| --- | --- |
| Name | UDIEntryType (U D I Entry Type) |
| Description | Codes to identify how udi data was entered |
| Content | **BarCode:** A Barcode scanner captured the the data from the device label |
|  | **RFID:** An RFID chip reader captured the the data from the device label |
|  | **Manual:** The data was read from the label by a person and manually entered. (e.g. via a keyboard) |
|  | **Card:** The data orginated from a patient's implant card and read by an operator. |
|  | **Self Reported:** The data orginated from a patient source and not directly scanned or read from a label or card. |
|  | **Unknown:** The method of data capture has not been determined |

## ValueSet: UDIEntryType

|  |  |
| --- | --- |
| Name | UDIEntryType (U D I Entry Type) |
| Description | Codes to identify how udi data was entered |

## ValueSet: UnitsOfTime

|  |  |
| --- | --- |
| Name | UnitsOfTime (Units Of Time) |
| Description | A unit of time (units from UCUM). |
| Copyright | These codes are excerpted from UCUM (THE UNIFIED CODE FOR UNITS OF MEASURE). UCUM is Copyright Â© 1989-2013 Regenstrief Institute, Inc. and The UCUM Organization, Indianapolis, IN. All rights reserved. See http://unitsofmeasure.org/trac//wiki/TermsOfUse for details. |

## ValueSet: UnknownContentCode

|  |  |
| --- | --- |
| Name | UnknownContentCode (Unknown Content Code) |
| Description | A code that indicates whether an application accepts unknown elements or extensions when reading resources. |
| Content | **Neither Elements or Extensions:** The application does not accept either unknown elements or extensions. |
|  | **Unknown Extensions:** The application accepts unknown extensions, but not unknown elements. |
|  | **Unknown Elements:** The application accepts unknown elements, but not unknown extensions. |
|  | **Unknown Elements and Extensions:** The application accepts unknown elements and extensions. |

## ValueSet: UnknownContentCode

|  |  |
| --- | --- |
| Name | UnknownContentCode (Unknown Content Code) |
| Description | A code that indicates whether an application accepts unknown elements or extensions when reading resources. |

## ValueSet: UsageContextType

|  |  |
| --- | --- |
| Name | UsageContextType (Usage Context Type) |
| Description | A code the specifies a type of context being specified by a usage context |
| Content | **Gender:** The gender of the patient. For this context type, the value should be a code taken from the [AdministrativeGender](valueset-administrative-gender.html) value set |
|  | **Age Range:** The age of the patient. For this context type, the value should be a range the specifies the applicable ages or a code from the MeSH value set AgeGroupObservationValue |
|  | **Clinical Focus:** The clinical concept(s) addressed by the artifact. For example, disease, diagnostic test interpretation, medication ordering. |
|  | **User Type:** The clinical speciality of the context in which the patient is bring treated - For example, PCP, Patient, Cardiologist, Behavioral Professional, Oral Health Professional, Prescriber, etc... taken from the NUCC Health Care provider taxonomyCode system (OID: 2.16.840.1.113883.6.101). |
|  | **Workflow Setting:** The settings in which the artifact is intended for use. For example, admission, pre-op, etc |
|  | **Workflow Task:** The context for the clinical task(s) represented by this artifact. Can be any task context represented by the HL7 ActTaskCode value set (OID: 2.16.840.1.113883.1.11.19846). General categories include: order entry, patient documentation and patient information review. |
|  | **Clinical Venue:** The venue in which an artifact could be used. For example, Outpatient, Inpatient, Home, Nursing home. The code value may originate from either the HL7 ActEncounter (OID: 2.16.840.1.113883.1.11.13955) or NUCC non-individual provider codes OID: 2.16.840.1.113883.1.11.19465. |

## ValueSet: UsageContextType

|  |  |
| --- | --- |
| Name | UsageContextType (Usage Context Type) |
| Description | A code the specifies a type of context being specified by a usage context |

## ValueSet: Use

|  |  |
| --- | --- |
| Name | Use (Use) |
| Description | Complete, proposed, exploratory, other |
| Content | **Complete:** The treatment is complete and this represents a Claim for the services. |
|  | **Proposed:** The treatment is proposed and this represents a Pre-authorization for the services. |
|  | **Exploratory:** The treatment is proposed and this represents a Pre-determination for the services. |
|  | **Other:** A locally defined or otherwise resolved status. |

## ValueSet: Use

|  |  |
| --- | --- |
| Name | Use (Use) |
| Description | Complete, proposed, exploratory, other |

## ValueSet: VisionBase

|  |  |
| --- | --- |
| Name | VisionBase (Vision Base) |
| Description | A coded concept listing the base codes. |
| Content | **Up:** top |
|  | **Down:** bottom |
|  | **In:** inner edge |
|  | **Out:** outer edge |

## ValueSet: VisionBase

|  |  |
| --- | --- |
| Name | VisionBase (Vision Base) |
| Description | A coded concept listing the base codes. |

## ValueSet: VisionEyes

|  |  |
| --- | --- |
| Name | VisionEyes (Vision Eyes) |
| Description | A coded concept listing the eye codes. |
| Content | **Right Eye:** Right Eye |
|  | **Left Eye:** Left Eye |

## ValueSet: VisionEyes

|  |  |
| --- | --- |
| Name | VisionEyes (Vision Eyes) |
| Description | A coded concept listing the eye codes. |

## ValueSet: XPathUsageType

|  |  |
| --- | --- |
| Name | XPathUsageType (X Path Usage Type) |
| Description | How a search parameter relates to the set of elements returned by evaluating its xpath query. |
| Content | **Normal:** The search parameter is derived directly from the selected nodes based on the type definitions. |
|  | **Phonetic:** The search parameter is derived by a phonetic transform from the selected nodes. |
|  | **Nearby:** The search parameter is based on a spatial transform of the selected nodes. |
|  | **Distance:** The search parameter is based on a spatial transform of the selected nodes, using physical distance from the middle. |
|  | **Other:** The interpretation of the xpath statement is unknown (and can't be automated). |

## ValueSet: XPathUsageType

|  |  |
| --- | --- |
| Name | XPathUsageType (X Path Usage Type) |
| Description | How a search parameter relates to the set of elements returned by evaluating its xpath query. |

## ValueSet: chromosome-human

|  |  |
| --- | --- |
| Name | chromosome-human (chromosome-human) |
| Description | Chromosome number for human |
| Content | **chromosome 1:** chromosome 1 |
|  | **chromosome 2:** chromosome 2 |
|  | **chromosome 3:** chromosome 3 |
|  | **chromosome 4:** chromosome 4 |
|  | **chromosome 5:** chromosome 5 |
|  | **chromosome 6:** chromosome 6 |
|  | **chromosome 7:** chromosome 7 |
|  | **chromosome 8:** chromosome 8 |
|  | **chromosome 9:** chromosome 9 |
|  | **chromosome 10:** chromosome 10 |
|  | **chromosome 11:** chromosome 11 |
|  | **chromosome 12:** chromosome 12 |
|  | **chromosome 13:** chromosome 13 |
|  | **chromosome 14:** chromosome 14 |
|  | **chromosome 15:** chromosome 15 |
|  | **chromosome 16:** chromosome 16 |
|  | **chromosome 17:** chromosome 17 |
|  | **chromosome 18:** chromosome 18 |
|  | **chromosome 19:** chromosome 19 |
|  | **chromosome 20:** chromosome 20 |
|  | **chromosome 21:** chromosome 21 |
|  | **chromosome 22:** chromosome 22 |
|  | **chromosome X:** chromosome X |
|  | **chromosome Y:** chromosome Y |

## ValueSet: chromosome-human

|  |  |
| --- | --- |
| Name | chromosome-human (chromosome-human) |
| Description | Chromosome number for human |

## ValueSet: messageheader-response-request

|  |  |
| --- | --- |
| Name | messageheader-response-request (messageheader-response-request) |
| Description | HL7-defined table of codes which identify conditions under which acknowledgments are required to be returned in response to a message. |
| Content | **Always:** initiator expects a response for this message |
|  | **Error/reject conditions only:** initiator expects a response only if in error |
|  | **Never:** initiator does not expect a response |
|  | **Successful completion only:** initiator expects a response only if successful |

## ValueSet: messageheader-response-request

|  |  |
| --- | --- |
| Name | messageheader-response-request (messageheader-response-request) |
| Description | HL7-defined table of codes which identify conditions under which acknowledgments are required to be returned in response to a message. |

## ValueSet: qualityType

|  |  |
| --- | --- |
| Name | qualityType (quality Type) |
| Description | Type for quality report |
| Content | **INDEL Comparison:** INDEL Comparison |
|  | **SNP Comparison:** SNP Comparison |
|  | **UNKNOWN Comparison:** UNKNOWN Comparison |

## ValueSet: qualityType

|  |  |
| --- | --- |
| Name | qualityType (quality Type) |
| Description | Type for quality report |

## ValueSet: repositoryType

|  |  |
| --- | --- |
| Name | repositoryType (repository Type) |
| Description | Type for access of external uri |
| Content | **Click and see:** When url is clicked, the resource can be seen directly (by webpage or by download link format) |
|  | **The url is the RESTful or other kind of API that can get access to the result.:** When the api method (e.g. [base\_url]/[parameter]) related with the url website is executed, the resource can be seen directly (usually in json or xml format) |
|  | **Result cannot be access unless an account is logged in:** When logged into the website, the resource can be seen. |
|  | **Result need to be fetched with API and need LOGIN( or cookies is required when visit the link of resource):** When logged in and follow the API in the website related with url, the resource can be seen. |
|  | **Some other complicated or particular way to get resource from url.:** Some other complicated or particular way to get resource from url. |

## ValueSet: repositoryType

|  |  |
| --- | --- |
| Name | repositoryType (repository Type) |
| Description | Type for access of external uri |

## ValueSet: sequenceStatus

|  |  |
| --- | --- |
| Name | sequenceStatus (sequence Status) |
| Description | Codes providing the status of the variant test result |
| Content | **positive:** the variant is detected |
|  | **negative:** no variant is detected |
|  | **absent:** result of the variant is missing |

## ValueSet: sequenceStatus

|  |  |
| --- | --- |
| Name | sequenceStatus (sequence Status) |
| Description | Codes providing the status of the variant test result |

## ValueSet: sequenceType

|  |  |
| --- | --- |
| Name | sequenceType (sequence Type) |
| Description | Type if a sequence - DNA, RNA, or amino acid sequence |
| Content | **AA Sequence:** Amino acid sequence |
|  | **DNA Sequence:** DNA Sequence |
|  | **RNA Sequence:** RNA Sequence |

## ValueSet: sequenceType

|  |  |
| --- | --- |
| Name | sequenceType (sequence Type) |
| Description | Type if a sequence - DNA, RNA, or amino acid sequence |

# HL7 Clinical Genomics Team

## ValueSet: SNOMED CT Codes for species

|  |  |
| --- | --- |
| Name | SNOMED CT Codes for species (S N O M E D C T Codes for species) |
| Description | Codes identifying atomic results of observations when value is type codeableConcept. This value set includes all the children of SNOMED CT Concepts from SCTIDs 404684003 Clinical finding (finding), 410607006 Organism (organism),362981000 Qualifier value (qualifier value), 105590001 Substance (substance), and 123037004 Body structure (body structure). It is provided as a suggestive example |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement |

# HL7 FHIR

## ValueSet: Vaccine Administered Value Set

|  |  |
| --- | --- |
| Name | Vaccine Administered Value Set (Vaccine Administered Value Set) |
| Description | This identifies the vaccine substance administered - CVX codes. |

# HL7 International

## ValueSet: Code system summary example for ACME body sites

|  |  |
| --- | --- |
| Name | Code system summary example for ACME body sites (Code system summary example for A C M E body sites) |
| Description | This is an example code system summary for the ACME codes for body site. |

## ValueSet: LOINC Codes for Cholesterol in Serum/Plasma

|  |  |
| --- | --- |
| Name | LOINC Codes for Cholesterol in Serum/Plasma (L O I N C Codes for Cholesterol in Serum/ Plasma) |
| Description | This is an example value set that includes all the LOINC codes for serum/plasma cholesterol from v2.36. |
| Copyright | This content from LOINC Â® is copyright Â© 1995 Regenstrief Institute, Inc. and the LOINC Committee, and available at no cost under the license at http://loinc.org/terms-of-use. |

## ValueSet: LOINC Codes for Cholesterol in Serum/Plasma

|  |  |
| --- | --- |
| Name | LOINC Codes for Cholesterol in Serum/Plasma (L O I N C Codes for Cholesterol in Serum/ Plasma) |
| Description | This is an example value set that includes all the LOINC codes for serum/plasma cholesterol from v2.36. |
| Copyright | This content from LOINCÃ‚Â® is copyright Ã‚Â© 1995 Regenstrief Institute, Inc. and the LOINC Committee, and available at no cost under the license at http://loinc.org/terms-of-use |

## ValueSet: SecurityRoleType

|  |  |
| --- | --- |
| Name | SecurityRoleType (Security Role Type) |
| Description | This CodeSystem contains Additional FHIR-defined Security Role types not defined elsewhere |
| Content | **authorization server:** An entity providing authorization services to enable the electronic sharing of health-related information based on resource owner's preapproved permissions. For example, an UMA Authorization Server[UMA] |
|  | **data collector:** An entity that collects information over which the data subject may have certain rights under policy or law to control that information's management and distribution by data collectors, including the right to access, retrieve, distribute, or delete that information. |
|  | **data processor:** An entity that processes collected information over which the data subject may have certain rights under policy or law to control that information's management and distribution by data processors, including the right to access, retrieve, distribute, or delete that information. |
|  | **data subject:** A person whose personal information is collected or processed, and who may have certain rights under policy or law to control that information's management and distribution by data collectors or processors, including the right to access, retrieve, distribute, or delete that information. |

## ValueSet: W3cProvenanceActivityType

|  |  |
| --- | --- |
| Name | W3cProvenanceActivityType (W3c Provenance Activity Type) |
| Description | This value set includes W3C PROV Data Model Activity concepts, which are treated as codes in this valueset. Some adaptations were made to make these concepts suitable values for the Provenance.activity element. Coded concepts are from PROV-DM and the display names are their counterparts in PROV-N (human readable notation syntax specification).[code system OID: http://www.w3.org/TR/2013/REC-prov-dm-20130430/ and http://www.w3.org/TR/2013/REC-prov-n-20130430/] |
| Content | **wasGeneratedBy:** The completion of production of a new entity by an activity. This entity did not exist before generation and becomes available for usage after this generation. Given that a generation is the completion of production of an entity, it is instantaneous. |
|  | **used:** the beginning of utilizing an entity by an activity. Before usage, the activity had not begun to utilize this entity and could not have been affected by the entity. (Note: This definition is formulated for a given usage; it is permitted for an activity to have used a same entity multiple times.) Given that a usage is the beginning of utilizing an entity, it is instantaneous. |
|  | **wasInformedBy:** The exchange of some unspecified entity by two activities, one activity using some entity generated by the other. A communication implies that activity a2 is dependent on another activity, a1, by way of some unspecified entity that is generated by a1 and used by a2. |
|  | **wasStartedBy:** When an activity is deemed to have been started by an entity, known as trigger. The activity did not exist before its start. Any usage, generation, or invalidation involving an activity follows the activity's start. A start may refer to a trigger entity that set off the activity, or to an activity, known as starter, that generated the trigger. Given that a start is when an activity is deemed to have started, it is instantaneous. |
|  | **wasEndedBy:** When an activity is deemed to have been ended by an entity, known as trigger. The activity no longer exists after its end. Any usage, generation, or invalidation involving an activity precedes the activity's end. An end may refer to a trigger entity that terminated the activity, or to an activity, known as ender that generated the trigger. |
|  | **wasInvalidatedBy:** The start of the destruction, cessation, or expiry of an existing entity by an activity. The entity is no longer available for use (or further invalidation) after invalidation. Any generation or usage of an entity precedes its invalidation. Given that an invalidation is the start of destruction, cessation, or expiry, it is instantaneous. |
|  | **wasDerivedFrom:** A transformation of an entity into another, an update of an entity resulting in a new one, or the construction of a new entity based on a pre-existing entity. For an entity to be transformed from, created from, or resulting from an update to another, there must be some underpinning activity or activities performing the necessary action(s) resulting in such a derivation. A derivation can be described at various levels of precision. In its simplest form, derivation relates two entities. Optionally, attributes can be added to represent further information about the derivation. If the derivation is the result of a single known activity, then this activity can also be optionally expressed. To provide a completely accurate description of the derivation, the generation and usage of the generated and used entities, respectively, can be provided, so as to make the derivation path, through usage, activity, and generation, explicit. Optional information such as activity, generation, and usage can be linked to derivations to aid analysis of provenance and to facilitate provenance-based reproducibility. |
|  | **wasRevisionOf:** A derivation for which the resulting entity is a revised version of some original. The implication here is that the resulting entity contains substantial content from the original. A revision relation is a kind of derivation relation from a revised entity to a preceding entity. |
|  | **wasQuotedFrom:** The repeat of (some or all of) an entity, such as text or image, by someone who may or may not be its original author. A quotation relation is a kind of derivation relation, for which an entity was derived from a preceding entity by copying, or 'quoting', some or all of it. |
|  | **wasPrimarySourceOf:** Refers to something produced by some agent with direct experience and knowledge about the topic, at the time of the topic's study, without benefit from hindsight. Because of the directness of primary sources, they 'speak for themselves' in ways that cannot be captured through the filter of secondary sources. As such, it is important for secondary sources to reference those primary sources from which they were derived, so that their reliability can be investigated. It is also important to note that a given entity might be a primary source for one entity but not another. It is the reason why Primary Source is defined as a relation as opposed to a subtype of Entity. |
|  | **wasAttributedTo:** Ascribing of an entity (object/document) to an agent. |
|  | **isCollectionOf:** An aggregating activity that results in composition of an entity, which provides a structure to some constituents that must themselves be entities. These constituents are said to be member of the collections. |

# HL7 International - FHIR-Infrastructure

## ValueSet: All Languages

|  |  |
| --- | --- |
| Name | All Languages (All Languages) |
| Description | This value set includes all possible codes from BCP-47 (http://tools.ietf.org/html/bcp47) |

# HL7 International - Orders and Observations WG

## ValueSet: Focal Subject Codes

|  |  |
| --- | --- |
| Name | Focal Subject Codes (Focal Subject Codes) |
| Description | Example VS composed from SNOMED CT and HL7 v3 codes for observation targets: donor, fetus, spouse. As use cases are discovered more values may be added. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: Observation Value Absent Reason

|  |  |
| --- | --- |
| Name | Observation Value Absent Reason (Observation Value Absent Reason) |
| Description | This value set defines the set of codes for identifying the reason why the expected result in Observation.value[x] is missing. |

## ValueSet: US counties and county equivalent entities codes

|  |  |
| --- | --- |
| Name | US counties and county equivalent entities codes (U S counties and county equivalent entities codes) |
| Description | This value set defines FIPS codes for US counties and county equivalent entities. |
| Copyright | [Federal Information Processing Standards (FIPS)](https://www.nist.gov/information-technology-laboratory/fips-general-information) are publicly announced standards developed by the United States federal government for use in computer systems by non-military government agencies and government contractors. |

## ValueSet: USPS Two Letter Alphabetic Codes

|  |  |
| --- | --- |
| Name | USPS Two Letter Alphabetic Codes (U S P S Two Letter Alphabetic Codes) |
| Description | This value set defines two letter USPS alphabetic codes. |
| Copyright | On July 1, 1963, the Post Office Department implemented the five-digit ZIP Code, which was placed after the state name in the last line of an address. To provide room for the ZIP Code, the Department issued two-letter abbreviations for all states and territories. Publication 59, Abbreviations for Use with ZIP Code, issued by the Department in October 1963. Currently there is no copyright restriction on this value set. |

# HL7 International - Patient Care WG

## ValueSet: Activity Reason

|  |  |
| --- | --- |
| Name | Activity Reason (Activity Reason) |
| Description | Example codes indicating the reason for a clinical activity being performed. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: Care Plan Activity Outcome

|  |  |
| --- | --- |
| Name | Care Plan Activity Outcome (Care Plan Activity Outcome) |
| Description | Example codes indicating the outcomem of a care plan activity. Note that these are in no way complete and may not even be appropriate for some uses. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: Care Plan Category

|  |  |
| --- | --- |
| Name | Care Plan Category (Care Plan Category) |
| Description | Example codes indicating the category a care plan falls within. Note that these are in no way complete and may not even be appropriate for some uses. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: Condition Stage

|  |  |
| --- | --- |
| Name | Condition Stage (Condition Stage) |
| Description | Example value set for stages of cancer and other conditions |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: Flag Category

|  |  |
| --- | --- |
| Name | Flag Category (Flag Category) |
| Description | Example list of general categories for flagged issues. (Not complete or necessarily appropriate.) |
| Content | **Diet:** Flags related to the subject's dietary needs. |
|  | **Drug:** Flags related to the patient's medications. |
|  | **Lab:** Flags related to performing laboratory tests and related processes (e.g. phlebotomy). |
|  | **Administrative:** Flags related to administrative and financial processes. |
|  | **Subject contact:** Flags related to coming into contact with the patient. |

## ValueSet: Flag Category

|  |  |
| --- | --- |
| Name | Flag Category (Flag Category) |
| Description | Example list of general categories for flagged issues. (Not complete or necessarily appropriate.) |

## ValueSet: Flag Code

|  |  |
| --- | --- |
| Name | Flag Code (Flag Code) |
| Description | Example list of detail codes for flagged issues. (Not complete or necessarily appropriate.) |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: GoalCategory

|  |  |
| --- | --- |
| Name | GoalCategory (Goal Category) |
| Description | Example codes for grouping goals for filtering or presentation. |
| Content | **Dietary:** Goals related to the consumption of food and/or beverages. |
|  | **Safety:** Goals related to the personal protection of the subject. |
|  | **Behavioral:** Goals related to the manner in which the subject acts. |
|  | **Nursing:** Goals related to the practice of nursing or established by nurses. |
|  | **Physiotherapy:** Goals related to the mobility and motor capability of the subject. |

## ValueSet: GoalCategory

|  |  |
| --- | --- |
| Name | GoalCategory (Goal Category) |
| Description | Example codes for grouping goals for filtering or presentation. |

## ValueSet: GoalPriority

|  |  |
| --- | --- |
| Name | GoalPriority (Goal Priority) |
| Description | Indicates the level of importance associated with reaching or sustaining a goal. |
| Content | **High Priority:** Indicates that the goal is of considerable importance and should be a primary focus of care delivery. |
|  | **Medium Priority:** Indicates that the goal has a reasonable degree of importance and that concrete action should be taken towards the goal. Attainment is not as critical as high-priority goals. |
|  | **Low Priority:** The goal is desirable but is not sufficiently important to devote significant resources to. Achievement of the goal may be sought when incidental to achieving other goals. |

## ValueSet: GoalPriority

|  |  |
| --- | --- |
| Name | GoalPriority (Goal Priority) |
| Description | Indicates the level of importance associated with reaching or sustaining a goal. |

## ValueSet: GoalStartEvent

|  |  |
| --- | --- |
| Name | GoalStartEvent (Goal Start Event) |
| Description | Identifies types of events that might trigger the start of a goal. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: GoalStatusReason

|  |  |
| --- | --- |
| Name | GoalStatusReason (Goal Status Reason) |
| Description | Example codes indicating the reason for a current status. Note that these are in no way complete and may not even be appropriate for some uses. |
| Content | **Surgery:** Goal suspended or ended because of a surgical procedure. |
|  | **Life Event:** Goal suspended or ended because of a significant life event (marital change, bereavement, etc.). |
|  | **Replaced:** Goal has been superseded by a new goal. |
|  | **Patient Request:** Patient wishes the goal to be set aside, at least temporarily. |
|  | **Goal Not Attainable Temporarily:** Goal can not be reached temporarily. |
|  | **Goal Not Attainable Permanently:** Goal can not be reached permanently. |
|  | **Financial Reason:** Goal can not be reached due to financial barrier or reason. |
|  | **Lack Of Transportation:** Goal can not be reached due to a lack of transportation. |
|  | **Lack Of Social Support:** Goal can not be reached due to a lack of social support. |

## ValueSet: GoalStatusReason

|  |  |
| --- | --- |
| Name | GoalStatusReason (Goal Status Reason) |
| Description | Example codes indicating the reason for a current status. Note that these are in no way complete and may not even be appropriate for some uses. |

## ValueSet: Procedure Device Action Codes

|  |  |
| --- | --- |
| Name | Procedure Device Action Codes (Procedure Device Action Codes) |
| Description | Example codes indicating the change that happened to the device during the procedure. Note that these are in no way complete and may not even be appropriate for some uses. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |
| Content | **Implanted:** The device was implanted in the patient during the procedure. |
|  | **Explanted:** The device was explanted from the patient during the procedure. |
|  | **Manipulated:** The device remains in that patient, but its location, settings, or functionality was changed. |

## ValueSet: Procedure Device Action Codes

|  |  |
| --- | --- |
| Name | Procedure Device Action Codes (Procedure Device Action Codes) |
| Description | Example codes indicating the change that happened to the device during the procedure. Note that these are in no way complete and may not even be appropriate for some uses. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: Questionnaire Answer Codes

|  |  |
| --- | --- |
| Name | Questionnaire Answer Codes (Questionnaire Answer Codes) |
| Description | Example list of codes for answers to questions. (Not complete or necessarily appropriate.) |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: Questionnaire Category Codes

|  |  |
| --- | --- |
| Name | Questionnaire Category Codes (Questionnaire Category Codes) |
| Description | Example list of potential categegories for questionnaires. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: Questionnaire Item UI Control Codes

|  |  |
| --- | --- |
| Name | Questionnaire Item UI Control Codes (Questionnaire Item U I Control Codes) |
| Description | Starter set of user interface control/display mechanisms that might be used when rendering an item in a questionnaire. |
| Property Description | True if an element is considered 'abstract' - that is the code is not for use as a real concept |
| Content | **:** UI controls relevant to organizing groups of questions |
|  | **List:** Questions within the group should be listed sequentially |
|  | **Table:** Questions within the group are rows in the table with possible answers as columns |
|  | **Header:** The group is to be continuously visible at the top of the questionnaire |
|  | **Footer:** The group is to be continuously visible at the bottom of the questionnaire |
|  | **:** UI controls relevant to rendering questionnaire text items |
|  | **In-line:** Text is displayed as a paragraph in a sequential position between sibling items (default behavior) |
|  | **Prompt:** Text is displayed immediately below or within the answer-entry area of the containing question item (typically as a guide for what to enter) |
|  | **Unit:** Text is displayed adjacent (horizontally or vertically) to the answer space for the parent question, typically to indicate a unit of measure |
|  | **Lower-bound:** Text is displayed to the left of the set of answer choices or a scaling control for the parent question item to indicate the meaning of the 'lower' bound. E.g. 'Strongly diagree' |
|  | **Upper-bound:** Text is displayed to the right of the set of answer choices or a scaling control for the parent question item to indicate the meaning of the 'upper' bound. E.g. 'Strongly agree' |
|  | **Fly-over:** Text is temporarily visible over top of an item if the mouse is positioned over top of the text for the containing item |
|  | **Help-Button:** Text is displayed in a dialog box or similar control if invoked by pushing a button or some other UI-appropriate action to request 'help' for a question, group or the questionnaire as a whole (depending what the text is nested within) |
|  | **:** UI controls relevant to capturing question data |
|  | **Auto-complete:** A control which provides a list of potential matches based on text entered into a control. Used for large choice sets where text-matching is an appropriate discovery mechanism. |
|  | **Drop down:** A control where an item (or multiple items) can be selected from a list that is only displayed when the user is editing the field. |
|  | **Check-box:** A control where choices are listed with a box beside them. The box can be toggled to select or de-select a given choice. Multiple selections may be possible. |
|  | **Lookup:** A control where editing an item spawns a separate dialog box or screen permitting a user to navigate, filter or otherwise discover an appropriate match. Useful for large choice sets where text matching is not an appropriate discovery mechanism. Such screens must generally be tuned for the specific choice list structure. |
|  | **Radio Button:** A control where choices are listed with a button beside them. The button can be toggled to select or de-select a given choice. Selecting one item deselects all others. |
|  | **Slider:** A control where an axis is displayed between the high and low values and the control can be visually manipulated to select a value anywhere on the axis. |
|  | **Spinner:** A control where a list of numeric or other ordered values can be scrolled through via arrows. |
|  | **Text Box:** A control where a user can type in their answer freely. |

## ValueSet: Questionnaire Item UI Control Codes

|  |  |
| --- | --- |
| Name | Questionnaire Item UI Control Codes (Questionnaire Item U I Control Codes) |
| Description | Starter set of user interface control/display mechanisms that might be used when rendering an item in a questionnaire. |

## ValueSet: Questionnaire Question Codes

|  |  |
| --- | --- |
| Name | Questionnaire Question Codes (Questionnaire Question Codes) |
| Description | Example list of codes for questions and groups of questions. (Not necessariliy complete or appropriate.) |
| Copyright | This content from LOINCÂ® is copyright Â© 1995 Regenstrief Institute, Inc. and the LOINC Committee, and available at no cost under the license at http://loinc.org/terms-of-use. |

## ValueSet: Questionnaire Text Categories

|  |  |
| --- | --- |
| Name | Questionnaire Text Categories (Questionnaire Text Categories) |
| Description | Codes defining the purpose of a Questionnaire item of type 'text'. |
| Content | **Instructions:** The text provides guidances on how to populate or use a portion of the questionnaire (or the questionnaire as a whole). |
|  | **Security:** The text provides guidance on how the information should be or will be handled from a security/confidentiality/access control perspective when completed |

## ValueSet: Questionnaire Text Categories

|  |  |
| --- | --- |
| Name | Questionnaire Text Categories (Questionnaire Text Categories) |
| Description | Codes defining the purpose of a Questionnaire item of type 'text'. |

# HL7 Orders and Observations Workgroup

## ValueSet: FHIR Device Types

|  |  |
| --- | --- |
| Name | FHIR Device Types (F H I R Device Types) |
| Description | Codes used to identify medical devices. Include codes from [SNOMED CT](http://snomed.info/sct) where concept is-a 49062001 (Device) and is provided as a suggestive example. |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

## ValueSet: Substance Category Codes

|  |  |
| --- | --- |
| Name | Substance Category Codes (Substance Category Codes) |
| Description | Substance category codes |
| Content | **Allergen:** A substance that causes an allergic reaction. |
|  | **Biological Substance:** A substance that is produced by or extracted from a biological source. |
|  | **Body Substance:** A substance that comes directly from a human or an animal (e.g. blood, urine, feces, tears, etc.). |
|  | **Chemical:** Any organic or inorganic substance of a particular molecular identity, including - (i) any combination of such substances occurring in whole or in part as a result of a chemical reaction or occurring in nature and (ii) any element or uncombined radical (http://www.epa.gov/opptintr/import-export/pubs/importguide.pdf). |
|  | **Dietary Substance:** A food, dietary ingredient, or dietary supplement for human or animal. |
|  | **Drug or Medicament:** A substance intended for use in the diagnosis, cure, mitigation, treatment, or prevention of disease in man or other animals (Federal Food Drug and Cosmetic Act). |
|  | **Material:** A finished product which is not normally ingested, absorbed or injected (e.g. steel, iron, wood, plastic and paper). |

## ValueSet: Substance Category Codes

|  |  |
| --- | --- |
| Name | Substance Category Codes (Substance Category Codes) |
| Description | Substance category codes |

# HL7 Patient Administration

## ValueSet: Endpoint Connection Type

|  |  |
| --- | --- |
| Name | Endpoint Connection Type (Endpoint Connection Type) |
| Description | This is an example value set defined by the FHIR project, that could be used to represent possible connection type profile values. |
| Copyright | Some content from IHEÂ® Copyright Â© 2015 IHE International, Inc. This content is from the IHE Technical Frameworks and Supplements, available for free download and use at http://www.ihe.net/Technical\_Frameworks/ |
| Content | **IHE XCPD:** IHE Cross Community Patient Discovery Profile (XCPD) - http://wiki.ihe.net/index.php/Cross-Community\_Patient\_Discovery |
|  | **IHE XCA:** IHE Cross Community Access Profile (XCA) - http://wiki.ihe.net/index.php/Cross-Community\_Access |
|  | **IHE XDR:** IHE Cross-Enterprise Document Reliable Exchange (XDR) - http://wiki.ihe.net/index.php/Cross-enterprise\_Document\_Reliable\_Interchange |
|  | **IHE XDS:** IHE Cross-Enterprise Document Sharing (XDS) - http://wiki.ihe.net/index.php/Cross-Enterprise\_Document\_Sharing |
|  | **IHE IID:** IHE Invoke Image Display (IID) - http://wiki.ihe.net/index.php/Invoke\_Image\_Display |
|  | **DICOM WADO-RS:** DICOMweb RESTful Image Retrieve - http://dicom.nema.org/medical/dicom/current/output/chtml/part18/sect\_6.5.html |
|  | **DICOM QIDO-RS:** DICOMweb RESTful Image query - http://dicom.nema.org/medical/dicom/current/output/chtml/part18/sect\_6.7.html |
|  | **DICOM STOW-RS:** DICOMweb RESTful image sending and storage - http://dicom.nema.org/medical/dicom/current/output/chtml/part18/sect\_6.6.html |
|  | **DICOM WADO-URI:** DICOMweb Image Retrieve - http://dicom.nema.org/dicom/2013/output/chtml/part18/sect\_6.3.html |
|  | **HL7 FHIR:** |
|  | **HL7 FHIR Messaging:** |
|  | **HL7 v2 MLLP:** HL7v2 messages over an LLP TCP connection |
|  | **Secure email:** email delivery using a digital certificate to encrypt the content using the public key, receiver must have the private key to decrypt the content |
|  | **Direct Project:** Direct Project information - http://wiki.directproject.org/ |

## ValueSet: Endpoint Connection Type

|  |  |
| --- | --- |
| Name | Endpoint Connection Type (Endpoint Connection Type) |
| Description | This is an example value set defined by the FHIR project, that could be used to represent possible connection type profile values. |
| Copyright | Some content from IHEÂ® Copyright Â© 2015 IHE International, Inc. This content is from the IHE Technical Frameworks and Supplements, available for free download and use at http://www.ihe.net/Technical\_Frameworks/ |

## ValueSet: Endpoint Payload Type

|  |  |
| --- | --- |
| Name | Endpoint Payload Type (Endpoint Payload Type) |
| Description | This is an example value set defined by the FHIR project, that could be used to represent possible payload document types. |
| Copyright | Some content from IHEÂ® Copyright Â© 2015 IHE International, Inc. This content is from the IHE Technical Frameworks and Supplements, available for free download and use at http://www.ihe.net/Technical\_Frameworks/ |
| Content | **Any:** Any payload type can be used with this endpoint, it is either a payload agnostic infrastructure (such as a storage repository), or some other type of endpoint where payload considerations are internally handled, and not available |
|  | **None:** This endpoint does not require any content to be sent, simply connecting to the endpoint is enough notification. This can be used as a 'ping' to wakeup a service to retrieve content, which could be to ensure security considerations are correctly handled |

## ValueSet: Endpoint Payload Type

|  |  |
| --- | --- |
| Name | Endpoint Payload Type (Endpoint Payload Type) |
| Description | This is an example value set defined by the FHIR project, that could be used to represent possible payload document types. |
| Copyright | Some content from IHEÂ® Copyright Â© 2015 IHE International, Inc. This content is from the IHE Technical Frameworks and Supplements, available for free download and use at http://www.ihe.net/Technical\_Frameworks/ |

# HL7 Security Work Group

## ValueSet: ProvenanceActivityType

|  |  |
| --- | --- |
| Name | ProvenanceActivityType (Provenance Activity Type) |
| Description | This value set contains representative Activity Type codes, which includes codes from the HL7 DocumentCompletion, ActStatus, and DataOperations code system, W3C PROV-DM and PROV-N concepts and display names, several HL7 Lifecycle Event codes for which there are agreed upon definitions, and non-duplicated codes from the HL7 Security and Privacy Ontology Operations codes. |
| Copyright | This is a value set of representative Activity Type codes. |

# Vocabulary

## ValueSet: All CPT codes

|  |  |
| --- | --- |
| Name | All CPT codes (All C P T codes) |
| Description | A value set that includes all CPT codes |
| Copyright | CPT Copyright Â© 2014 American Medical Association. All rights reserved. |

# Health Level Seven, Inc. - CQI WG

## ValueSet: Procedure Not Performed Reason (SNOMED-CT)

|  |  |
| --- | --- |
| Name | Procedure Not Performed Reason (SNOMED-CT) (Procedure Not Performed Reason ( S N O M E D- C T)) |
| Description | Situation codes describing the reason that a procedure, which might otherwise be expected, was not performed, or a procedure that was started and was not completed. Consists of SNOMED CT codes, children of procedure contraindicated (183932001), procedure discontinued (416406003), procedure not done (416237000), procedure not indicated (428119001), procedure not offered (416064006), procedure not wanted (416432009), procedure refused (183944003), and procedure stopped (394908001). |
| Copyright | This value set includes content from SNOMED CT, which is copyright Â© 2002+ International Health Terminology Standards Development Organisation (IHTSDO), and distributed by agreement between IHTSDO and HL7. Implementer use of SNOMED CT is not covered by this agreement. |

# IHE

## ValueSet: DocumentReference Format Code Set

|  |  |
| --- | --- |
| Name | DocumentReference Format Code Set (Document Reference Format Code Set) |
| Description | The value set is defined to be the set of format codes defined by the IHE Technical Framework, and also including additional format codes defined by the HL7. The value set is listed in HITSP C80 Table 2-153 Format Code Value Set Definition, with additions published later by IHE as published at http://wiki.ihe.net/index.php?title=IHE\_Format\_Codes and with additions published later by HL7 as published at http://wiki.hl7.org/index.php?title=CDA\_Format\_Codes\_for\_IHE\_XDS. This is the code specifying the technical format of the document. Along with the typeCode, it should provide sufficient information to allow any potential document consumer to know if it will be able to process the document. The code shall be sufficiently specific to ensure processing/display by identifying a document encoding, structure and template. The actual list of codes here is incomplete |
| Copyright | Some content from IHEÂ® Copyright Â© 2015 IHE International, Inc. This content is from the IHE Technical Frameworks and Supplements, available for free download and use at http://www.ihe.net/Technical\_Frameworks/ |

# IHTSDO

## ValueSet: SNOMED\_CT

|  |  |
| --- | --- |
| Name | SNOMED\_CT (S N O M E D\_ C T) |
| Title | SNOMED CT (all versions) |
| Description | SNOMED CT is the most comprehensive and precise clinical health terminology product in the world, owned and distributed around the world by The International Health Terminology Standards Development Organisation (IHTSDO). |
| Copyright | Â© 2002-2016 International Health Terminology Standards Development Organisation (IHTSDO). All rights reserved. SNOMED CTÂ®, was originally created by The College of American Pathologists. "SNOMED" and "SNOMED CT" are registered trademarks of the IHTSDO http://www.ihtsdo.org/snomed-ct/get-snomed-ct |
| Filter Description | Filter that includes concepts based on their logical definition. e.g. [concept] [is-a] [x] - include all concepts with an is-a relationship to concept x, or [concept] [in] [x]- include all concepts in the reference set identified by concept x |
|  | The result of the filter is the result of executing the given SNOMED CT Expression Constraint |
|  | Whether post-coordinated expressions are included in the value set |
| Property Description | Whether the code is active or not (defaults to false). Not the same as deprecated |
|  | Either of the codes that are descendants of 900000000000444006 |
|  | A SNOMED CT concept id that has the target of a direct is-a relationship from the concept |
|  | A SNOMED CT concept id that has a direct is-a relationship to the concept |
|  | The SNOMED CT concept id of the module that the concept belongs to. |
|  | Generated Normal form expression for the provided code or expression, with terms |
|  | Generated Normal form expression for the provided code or expression, conceptIds only |

# NEMA/DICOM

## ValueSet: Audit Event ID

|  |  |
| --- | --- |
| Name | Audit Event ID (Audit Event I D) |
| Description | Event Types for Audit Events - defined by DICOM with some FHIR specific additions. |
| Copyright | These codes are excerpted from Digital Imaging and Communications in Medicine (DICOM) Standard, Part 16: Content Mapping Resource, Copyright Â© 2011 by the National Electrical Manufacturers Association. |
| Content | **RESTful Operation:** Audit Event: Execution of a RESTful operation as defined by FHIR. |

## ValueSet: Audit Event ID

|  |  |
| --- | --- |
| Name | Audit Event ID (Audit Event I D) |
| Description | Event Types for Audit Events - defined by DICOM with some FHIR specific additions. |
| Copyright | These codes are excerpted from Digital Imaging and Communications in Medicine (DICOM) Standard, Part 16: Content Mapping Resource, Copyright Â© 2011 by the National Electrical Manufacturers Association. |

## ValueSet: Audit Event Source Type

|  |  |
| --- | --- |
| Name | Audit Event Source Type (Audit Event Source Type) |
| Description | The type of process where the audit event originated from. |
| Content | **User Device:** End-user display device, diagnostic device. |
|  | **Data Interface:** Data acquisition device or instrument. |
|  | **Web Server:** Web Server process or thread. |
|  | **Application Server:** Application Server process or thread. |
|  | **Database Server:** Database Server process or thread. |
|  | **Security Server:** Security server, e.g. a domain controller. |
|  | **Network Device:** ISO level 1-3 network component. |
|  | **Network Router:** ISO level 4-6 operating software. |
|  | **Other:** other kind of device (defined by DICOM, but some other code/system can be used). |

## ValueSet: Audit Event Source Type

|  |  |
| --- | --- |
| Name | Audit Event Source Type (Audit Event Source Type) |
| Description | The type of process where the audit event originated from. |

## ValueSet: Audit Event Sub-Type

|  |  |
| --- | --- |
| Name | Audit Event Sub-Type (Audit Event Sub- Type) |
| Description | More detailed code concerning the type of the audit event - defined by DICOM with some FHIR specific additions. |
| Copyright | These codes are excerpted from Digital Imaging and Communications in Medicine (DICOM) Standard, Part 16: Content Mapping Resource, Copyright Â© 2011 by the National Electrical Manufacturers Association. |

## ValueSet: Media Type Code

|  |  |
| --- | --- |
| Name | Media Type Code (Media Type Code) |
| Description | Media Type Code |
| Copyright | These codes are excerpted from Digital Imaging and Communications in Medicine (DICOM) Standard, Part 16: Content Mapping Resource, Copyright 2011 by the National Electrical Manufacturers Association. |

# NEHTA

## ValueSet: Patient Medicine Change Types

|  |  |
| --- | --- |
| Name | Patient Medicine Change Types (Patient Medicine Change Types) |
| Description | Example Item Flags for the List Resource. In this case, these are the kind of flags that would be used on a medication list at the end of a consultation. |
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| Content | **Unchanged:** No change has been made to the status of this medicine item. |
|  | **Changed:** The medicine item has changed. The change may be described in an extension (not defined yet) |
|  | **Cancelled:** The prescription for this medicine item was cancelled by an authorized health care provider. The patient may be advised to complete the course of the prescribed medicine. This advice is a clinical decision made based on assessment of the patient's clinical condition. |
|  | **Prescribed:** A new medicine item has been prescribed |
|  | **Ceased:** Administration of this medication item that the patient is currently taking is stopped or recommended to be stopped (i.e. instructed to be ceased by a health care provider). This cessation is anticipated to be permanent. The Change Description should describe the reason for cessation. Example uses: the medication in question is considered ineffective or has caused serious adverse effects. This value applies both to the cessation of a medication that is prescribed by another healthcare provider or patient self-administration of OTC medicines. |
|  | **Suspended:** Administration of this medication item that the patient is currently taking is on hold, or instructed or recommended by a health care provider to be temporarily stopped, or subject to clinical review (i.e. the stop may be temporary or permanent depending on the outcome of clinical review), or temporarily suspended as a pre-requisite to certain surgical or diagnostic procedures. |

## ValueSet: Patient Medicine Change Types

|  |  |
| --- | --- |
| Name | Patient Medicine Change Types (Patient Medicine Change Types) |
| Description | Example Item Flags for the List Resource. In this case, these are the kind of flags that would be used on a medication list at the end of a consultation. |
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# DICOM

## ValueSet: Acquisition Modality Codes

|  |  |
| --- | --- |
| Name | Acquisition Modality Codes (Acquisition Modality Codes) |
| Description | This Value Set includes codes that may be used to identify an image or waveform acquisition modality, as used in the ImagingStudy resource, Dicom Attribute Modality (0008,0060) or HL7 v2 Table 0259 (see HL7 v2.6 Chapter 8 Section 8.8.8.47). It generally corresponds to a class of diagnostic equipment, or to a specific acquisition function or technique in a device. |
| Purpose | This Value Set is not the complete set of codes that may appear in the Attribute Modality (0008,0060); these are only the codes associated with orderable acquisition processes (not post-processing). |
| Copyright | These codes are excerpted from Digital Imaging and Communications in Medicine (DICOM) Standard, Part 16: Content Mapping Resource, Copyright 2011 by the National Electrical Manufacturers Association. |

# NHIN

## ValueSet: NHIN PurposeOfUse

|  |  |
| --- | --- |
| Name | NHIN PurposeOfUse (N H I N Purpose Of Use) |
| Description | This value set is suitable for use with the provenance resource. It is derived from, but not compatible with, the HL7 v3 Purpose of use Code system. |
| Content | **Treatment:** Treatment |
|  | **Payment:** Payment |
|  | **Operations:** Healthcare Operations |
|  | **Sysadmin:** System Administration |
|  | **Fraud:** Fraud detection |
|  | **Psychotherapy:** Use or disclosure of Psychotherapy Notes |
|  | **Training:** Use or disclosure by the covered entity for its own training programs |
|  | **Legal:** Use or disclosure by the covered entity to defend itself in a legal action |
|  | **Marketing:** Marketing |
|  | **Directory:** Use and disclosure for facility directories |
|  | **Family:** Disclose to a family member, other relative, or a close personal friend of the individual |
|  | **Present:** Uses and disclosures with the individual present. |
|  | **Emergency:** Permission cannot practicably be provided because of the individual's incapacity or an emergency. |
|  | **Disaster:** Use and disclosures for disaster relief purposes. |
|  | **Public Health:** Uses and disclosures for public health activities. |
|  | **Abuse:** Disclosures about victims of abuse, neglect or domestic violence. |
|  | **Oversight:** Uses and disclosures for health oversight activities. |
|  | **Judicial:** Disclosures for judicial and administrative proceedings. |
|  | **Law Enforcement:** Disclosures for law enforcement purposes. |
|  | **Deceased:** Uses and disclosures about decedents. |
|  | **Donation:** Uses and disclosures for cadaveric organ, eye or tissue donation purposes |
|  | **Research:** Uses and disclosures for research purposes. |
|  | **Threat:** Uses and disclosures to avert a serious threat to health or safety. |
|  | **Government:** Uses and disclosures for specialized government functions. |
|  | **Worker's Comp:** Disclosures for workers' compensation. |
|  | **Coverage:** Disclosures for insurance or disability coverage determination |
|  | **Request:** Request of the Individual |

## ValueSet: NHIN PurposeOfUse

|  |  |
| --- | --- |
| Name | NHIN PurposeOfUse (N H I N Purpose Of Use) |
| Description | This value set is suitable for use with the provenance resource. It is derived from, but not compatible with, the HL7 v3 Purpose of use Code system. |

# Office of the National Coordinator for Health IT

## ValueSet: DataElement SDC Object Class

|  |  |
| --- | --- |
| Name | DataElement SDC Object Class (Data Element S D C Object Class) |
| Description | The allowed codes for identifying the ISO 11179 ObjectClass for a particular data element if intended for registration/use within the U.S. Structured Data Capture (SDC) project. |
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## ValueSet: DataElement SDC Object Class

|  |  |
| --- | --- |
| Name | DataElement SDC Object Class (Data Element S D C Object Class) |
| Description | The allowed codes for identifying the ISO 11179 ObjectClass Property for a particular data element if intended for registration/use within the U.S. Structured Data Capture (SDC) project. |
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# Order and Observation Workgroup

## ValueSet: Bodysite Location Qualifier

|  |  |
| --- | --- |
| Name | Bodysite Location Qualifier (Bodysite Location Qualifier) |
| Description | SNOMED-CT concepts modifying the anatomic location |
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## ValueSet: Laterality

|  |  |
| --- | --- |
| Name | Laterality (Laterality) |
| Description | Laterality: SNOMED-CT concepts for 'left', 'right', and 'bilateral' |
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# USHIK

## ValueSet: Document Class Value Set

|  |  |
| --- | --- |
| Name | Document Class Value Set (Document Class Value Set) |
| Description | This is the code specifying the high-level kind of document (e.g. Prescription, Discharge Summary, Report, etc.). The Document Class value set is reproduced from HITSP C80 Table 2-144 Document Class Value Set Definition. Note: Class code for documents comes from LOINC, and is based upon one of the following:The type of service described by the document. It is described at a very high level in Section 7.3 of the LOINC Manual. The type study performed. It was determined by identifying modalities for study reports. The section of the chart where the document is placed. It was determined from the SETs created for Claims Attachment requests. |
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