Categoria: Lab

|  |  |  |
| --- | --- | --- |
| Nome | Value | Interpretation |
| <display do code.coding.code> | Resultado do exame ( value com suas diferentes versões) | interpretation.coding.display cfme  interpretation.coding.code informado no system - <http://hl7.org/fhir/R4/valueset-observation-interpretation.html> |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| Vaccine | Date administered | doseNumber |
| code.coding.display | DD/month/year month com string três letras ex: 12/Aug/2022 | doseNumber |

Colocar ícone para mais informações no final da linha ou final da tabela

|  |  |  |
| --- | --- | --- |
| Data | Date administered | doseNumber |
| code.coding.display | DD/month/year month com string três letras ex: 12/Aug/2022 | doseNumber |

Compor uma linha com:

< a data de início dos diagnósticos, se houver>+ < espaço em braço>+ <code.coding.sytem – pode colocar em cor diferente para chamar atenção>+< display do code.coding.code>+<”(“>+<code.coding.code>+”)”+<code.text se houver>

Exemplo:

2021-08-05  **http://snomed.info/sct** Heart valve disorder (368009) [Uncoded text shown]: Disorder of heart valve

Observar que data pode ser de diferentes formatos

* onsetDateTime – neste caso AAAA/MM/DD -
* onsetAge - <número da idade> + <espaço em branco> + <unidade de medida da idade > - ver - <http://hl7.org/fhir/R4/valueset-age-units.html> - mostrar o display

|  |  |  |
| --- | --- | --- |
| min | minutes |  |
| h | hours |  |
| d | days |  |
| wk | weeks |  |
| mo | months |  |
| a | years |  |

* onsetPeriod - mostrar data inicial – data final

exemplo: <**[[name]](http://hl7.org/fhir/R4/datatypes-definitions.html" \l "Period" \o "A time period defined by a start and end date and optionally time.)** xmlns=”http://hl7.org/fhir”>

<!—from Element: [extension](http://hl7.org/fhir/R4/extensibility.html) 🡪

<**[start](http://hl7.org/fhir/R4/datatypes-definitions.html" \l "Period.start" \o "The start of the period. The boundary is inclusive.)** value=”[[dateTime](http://hl7.org/fhir/R4/datatypes.html" \l "dateTime)]”/><!-- **?? 0..1** [Starting time with inclusive boundary](http://hl7.org/fhir/R4/terminologies.html#unbound) 🡪

<**[end](http://hl7.org/fhir/R4/datatypes-definitions.html" \l "Period.end" \o "The end of the period. If the end of the period is missing, it means no end was known or planned at the time the instance was created. The start may be in the past, and the end date in the future, which means that period is expected/planned to end at that time.)** value=”[[dateTime](http://hl7.org/fhir/R4/datatypes.html" \l "dateTime)]”/><!-- **?? 0..1** [End time with inclusive boundary, if not ongoing](http://hl7.org/fhir/R4/terminologies.html#unbound) 🡪

</[name]>

* onsetRange – mostrar low e high

**idLevelLocationDescription[Expression](http://hl7.org/fhir/R4/fhirpath.html)rng-2**[Rule](http://hl7.org/fhir/R4/conformance-rules.html" \l "rule)(base)If present, low SHALL have a lower value than highlow.empty() or high.empty() or (low <= high)

* onsetString – exibir o string

Patient

<name.text>

<identifier.type.coding.code> <”(“+ identifier.system+”)”+ <espaço branco> + identifier.value> (mostrar todos os identifiers que vierem)

Se não couber na mesma linha mostrar em duas

<birthdate>

Deixar um ícone para mostrar mais dados

Exemplo

**John Doe ( mostrar em negrito)**

PPN (urn.oid.2.16.152)CL/345678

HC (<http://rnds.saude.gov.br/fhir/r4/NamingSystem/cns>) 765323456798765

TAX (<http://rnds.saude.gov.br/fhir/r4/NamingSystem/cpf>) 257.015.290-02

DOB 10/02/1982

Ícone para mostrar mais informações

section:sectionMedicalDevices

Caso venha a informação vamos mostrar alguns elementos da section:sectionMedicalDevices do compositon do IPS mais especificamente da entry:deviceStatement que se refere ao recurso DeviceUseStatement <http://hl7.org/fhir/uv/ips/STU1.1/StructureDefinition-DeviceUseStatement-uv-ips.html>

Identifier.system identifier.value (não precisa label)

status.code ( se houver ) deve ser: ( active | inactive | entered-in-error | unknown)

timing[x] (se houver ) pode ser representado de várias formas – exibir como veio -

timmingTimming – mostrar como vier – pode ter várias opções - <http://hl7.org/fhir/R4/datatypes.html#Timing>

timmingPeriod – data inicial à data final

timmingDateTime – Data hora

lotNumber

manufacturer

model

deviceName.name

deviceName.type – exibir o display do code correspondente - <http://hl7.org/fhir/ValueSet/device-nametype>

Deixar ícone para mostrar mais dados

Exemplo

**Section Medical Devices**

(<http://acme.com/devices/pacemakers/octane/serial>) 1234-5678-90AB-CDEF

status": generated

timing: 10/07/2021

lotNumber: 45678-B

manufacturer: Acme Devices, Inc

model: PM/Octane 2014

type: (<http://snomed.info/sct>) Feeding tube, device (25062003)

section:sectionMedicalDevices

Caso venha a informação vamos mostrar alguns elementos da section:sectionMedicalDevices do compositon do IPS mais especificamente da entry:deviceStatement que se refere ao recurso DeviceUseStatement http://hl7.org/fhir/uv/ips/STU1.1/StructureDefinition-DeviceUseStatement-uv-ips.html

Identifier.system identifier.value (não precisa label)

status.code ( se houver ) deve ser: ( active | inactive | entered-in-error | unknown)

timing[x] (se houver ) pode ser representado de várias formas – exibir como veio -

timmingTimming – mostrar como vier – pode ter várias opções - http://hl7.org/fhir/R4/datatypes.html#Timing

timmingPeriod – data inicial à data final

timmingDateTime – Data hora

lotNumber

manufacturer

model

deviceName.name

deviceName.type – exibir o display do code correspondente - http://hl7.org/fhir/ValueSet/device-nametype

Deixar ícone para mostrar mais dados

Exemplo

Section Medical Devices

(http://acme.com/devices/pacemakers/octane/serial) 1234-5678-90AB-CDEF

status": generated

timing: 10/07/2021

lotNumber: 45678-B

manufacturer: Acme Devices, Inc

model: PM/Octane 2014

type: (http://snomed.info/sct) Feeding tube, device (25062003)

section:sectionProceduresHx -

Mostrar título **History of Procedures**

text se tiver preenchido - não precisa o label só a string informada

status: mostrar o display do status.code cfme <http://hl7.org/fhir/ValueSet/event-status>

category code.coding.system entre “( )” + display do code.coding.code cfme system informado e entre “( )”o code.coding.code

mostrar o code.coding.system entre “( )” + display do code.coding.code cfme system informado e entre “( )”o code.coding.code

mostrar text se preenchido

mostrar perfomerd[x]

com os diferentes tipos de formatos possíveis

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| performedDateTime |  |  | [dateTime](http://hl7.org/fhir/R4/datatypes.html#dateTime) |  |
| .... performedPeriod |  |  | [Period](http://hl7.org/fhir/R4/datatypes.html#Period) |  |
| .... performedString |  |  | [string](http://hl7.org/fhir/R4/datatypes.html#string) |  |
| .... performedAge |  |  | [Age](http://hl7.org/fhir/R4/datatypes.html#Age) |  |
| .... performedRange |  |  | [Range](http://hl7.org/fhir/R4/datatypes.html#Range) |  |

Deixar ícone para mostrar mais elementos.

Exemplo:

**History of Procedures**

status: generated

category: (http://snomed.info/sct) Surgical procedure (387713003)

(<http://snomed.info/sct>) Placement of stent in coronary artery (36969009)

(<http://snomed.info/sct>) Balloon angioplasty of artery (233258006)

Previous balloon angioplasty on mid-LAD stenosis with STENT Implantation

Performed Period <http://hl7.org/fhir/StructureDefinition/data-absent-reason> unknown

section entry:procedure

Título: Procedures

status: mostrar o display do status.code cfme <http://hl7.org/fhir/ValueSet/event-status>

category: code.coding.system entre “( )” + display do code.coding.code cfme system informado (<http://hl7.org/fhir/ValueSet/procedure-category>) e entre “( )”o code.coding.code

code: fazer o lookup do code informado em code.coding.code no system informado em code.coding.system e mostrar o display e, entre parêntesis com cor diferente o system informado informado e “-“+ code informado entre parêntesis

mostrar perfomerd[x] com os diferentes tipos de formatos possíveis

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| performedDateTime |  |  | [dateTime](http://hl7.org/fhir/R4/datatypes.html#dateTime) |  |
| .... performedPeriod |  |  | [Period](http://hl7.org/fhir/R4/datatypes.html#Period) |  |
| .... performedString |  |  | [string](http://hl7.org/fhir/R4/datatypes.html#string) |  |
| .... performedAge |  |  | [Age](http://hl7.org/fhir/R4/datatypes.html#Age) |  |
| .... performedRange |  |  | [Range](http://hl7.org/fhir/R4/datatypes.html#Range) |  |

Estes serão os elementos obrigatórios que vamos mostrar –

Os demais elementos devem aparecer em outra janela

Exemplo 1 – vindo da RNDS

**Procedures**

1. Unilateral bronchography- (http://www.saude.gov.br/fhir/r4/CodeSystem/BRTabelaSUS)-(0204030013)

Status: completed

Category: Diagnostic procedure – (http://hl7.org/fhir/ValueSet/procedure-category)-(103693007)

Date: March 2018

1. appendectomy- (http://www.saude.gov.br/fhir/r4/CodeSystem/BRTabelaSUS)-(040702003)

Status: completed

Category: Surgical procedure (procedure) – (http://hl7.org/fhir/ValueSet/procedure-category)-( 387713003)

Date: November 2020

Exemplo 2 – vindo do exterior - vamos mostrar o que vier no code. Não vamos procurar o display com lookup pois pode vir um código SNOMED-CT que não temos..

**Procedures**

Radiography of right bronchus with contrast (procedure)

1. - (http://hl7.org/fhir/uv/ips/ValueSet/procedures-snomed-absent-unknown-uv-ips)-(1119345001)

Status: completed

Category: Diagnostic procedure – (http://hl7.org/fhir/ValueSet/procedure-category)-(103693007)

Date: March 2018

1. appendectomy- (http://hl7.org/fhir/uv/ips/ValueSet/procedures-snomed-absent-unknown-uv-ips)-(80146002)

Status: completed

Category: Surgical procedure (procedure) – (http://hl7.org/fhir/ValueSet/procedure-category)-( 387713003)

Date: November 2020