# Women's Health: Well-Woman Visit Documentation Template

## Documentation Template: Conceptual Structure

Contract: VA118-16-D-1008, Task Order (TO): VA-118-16-F-1008-0007, CLIN0009DA

## **Department of Veterans Affairs (VA)**



Knowledge Based Systems (KBS)
Office of Informatics and Information Governance (OIIG)
Clinical Decision Support (CDS)

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# Women's Health: Well-Woman Visit Documentation Template: Documentation Template: Conceptual Structure

by Knowledge Based Systems (KBS), Office of Informatics and Information Governance (OIIG), and Clinical Decision Support (CDS)

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## **Preface**

**Table 1. Revision History** 

Date	Life Cycle Event	
June 18, 2018	Published	
May 23, 2018	Published	
May 23, 2018	Reviewed	
April 20, 2018	Reviewed	
March 14, 2018	Created	

## **Table 2. Clinical White Paper Contributors**

Name	Role	Affiliation
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## **Table 3. Artifact Identifier**

Domain	Artifact ID	Name
urn:va.gov:kbs:knart:artifact:r1	322458d9-9392-527c-8ed0-9e52faab2bf9	O36

# **Artifact Applicability**

Table 4. Applicability Foci, Description and Codes

Focus	Description	Code Sys- tem	Code	Value Set	Value Set Version
TargetUser	Provider to include Primary Care	SNOMED CT	453231000124104  Primary care provider (occupation)	N/A	N/A
TargetUser	Gynecologists			N/A	N/A
TargetUser	Designated Women's Health clinical providers to include Allied Health Profession- als			N/A	N/A
WorkflowSetting	Primary Care, Gy- necology, and Women's Health Services			N/A	N/A
ClinicalVenue	Outpatient	SNOMED CT	33022008  Hospital-based outpatient department (environment)	N/A	N/A
PatientAgeGroup	At least 13 years of age or older			N/A	N/A
PatientGender	Female	SNOMED CT	248152002  Female (finding)	N/A	N/A

## **Models**

### **Table 5. Model References**

Referenced Model	Description	
urn:solor.io:anf-model:1.0	VA Analysis Normal Form Model	

## **Chapter 1. External Data Definitions**

#### **Definitions**

### **Table 1.1. Hepatitis C Virus results**

Expression: type=elm:Query

Annotation:

Codes: elm:value[elm:Code]: [398166005 | Performed (qualifier value)|] elm:value[elm:Code]: [[a997cc03-3e99-40eb-833a-6374c7750a3a | Observation procedure (procedure)] -> (363702006 | Has focus (attribute))-> [50711007 | Viral hepatitis type C (disorder)]]

#### **Triggers**

No trigger definitions are present.

# **Chapter 2. Expression Definitions**

No expression definitions are present.

# Chapter 3. Age >=13 years old to <19 years old

Screening	
	History
	Visit Reason/Chief Complaint
	> Description?
	prompt:
	response: String (Single)
	Menstrual History
	Age of Menarche?
	# prompt: Age
	itemCode: [a997cc03-3e99-40eb-833a-6374c7750a3a  Observation procedure (procedure)]>(363702006  Has focus (attribute))->[373412001   Finding related to menstrual cycle (finding)]>(363714003  Interprets (attribute))->[398700009  Age at menarche (observable entity)];
	response: Integer (Single)
	Date of Last Menstrual Period?
	# prompt: Date
	response: Timestamp (Single)
	Menstrual Cycle Pattern?
	Regular
	Represented Concepts: [a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (attribute))->[302757007  Regular periods (finding)]
	# prompt: Cycle duration (Days)
	itemCode: [a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)]>(363702006  Has focus (attribute))->[373412001  Finding related to menstrual cycle (finding)]>(363714003  Interprets (attribute))->[364310004  Duration of menstrual cycle (observable entity)];
	response: Integer (Single)
	# prompt: Flow duration (Days)
	itemCode: [a997cc03-3e99-40e- b-833a-6374c7750a3a  Obser-

♣ Irregular

ing))]

# prompt: Details

Reproductive History

come)

response: Integer (Single)

Term)

response: Integer (Single)

# prompt: Other Relevant Reproductive History

vation procedure (procedure)]-->(363702006 | Has focus (attribute))->[373412001 |Finding related to menstrual cycle (finding)]- ->(363714003 |Interprets (attribute))->[161720007 | Duration of menstrual flow (observable entity)]; response: Integer (Single) Represented Concepts: [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[80182007 | Irregular periods (find-# prompt: Details response: String (Single) Menstrual Symptoms? # prompt: Does the patient have Menstrual Symptoms response: Boolean (Single) responseBinding: Property ("hasMenstrualSymptoms") Condition:elm:IsTrue (elm:Property("hasMenstrualSymptoms" from: elm:ParameterRef(Responses))) response: String (Single) # Additional Menstrual History # prompt: Details response: String (Single) # prompt: Gravidity (Total Number of Pregnancies regardless of outitemCode: [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)]- ->(363702006 |Has focus (attribute))->[118185001 | Finding related to pregnancy (finding)]- ->(363714003 |Interprets (attribute))->[161732006 | Gravida (observable entity)]; # prompt: Parity (Total Number of Pregnancies Delivered at or before itemCode: [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)]- ->(363702006 | Has focus (attribute))->[118185001 |Finding related to pregnancy (finding)]- ->(363714003 |Interprets (attribute))->[364325004 |Parity (observable entity)];

```
response: String (Single)
Sexual History
 # prompt: Is the patient Sexually Active?
 itemCode: [a997cc03-3e99-40eb-833a-6374c7750a3a |Observa-
            tion procedure (procedure)] ->(363702006 | Has focus (at-
            tribute))->[228453005 |Sexually active (finding)]
 response: Boolean (Single)
responseBinding: Property ("sexuallyActive")
         # | Condition:elm:IsFalse (elm:Property("sexuallyActive" from:
            elm:ParameterRef(Responses)))
             # prompt: Gender Identity
              response: String (Single)
             # prompt: Sexual Orientation
              response: String (Single)
             # prompt: Sexual practices?
              response: Code (Multiple)
              response EnumerationConstraint (List)
                 range:
                  item: Vaginal sex([a997cc03-3e99-40e-
                        b-833a-6374c7750a3a | Observation proce-
                        dure (procedure)] ->(363702006 | Has focus (at-
                        tribute))->[229012002 | Vaginal penetration (find-
                        ing)])
                  item: Anal sex([a997cc03-3e99-40e-
                        b-833a-6374c7750a3a |Observation proce-
                        dure (procedure)] ->(363702006 | Has focus (at-
                        tribute))->[2145000 | Anal penetration (finding)])
                  item: Oral sex([a997cc03-3e99-40e-
                        b-833a-6374c7750a3a | Observation proce-
                        dure (procedure)] ->(363702006 | Has focus (at-
                        tribute))->[73666000 |Oral-genital stimulation
                        (finding)])
                  item: Other
             # prompt: Types of Sexual Partner(s)?
              response: Code (Single)
              response EnumerationConstraint (List)
                 range:
                  item: Men([a997cc03-3e99-40eb-833a-6374c7750a3a
                        Observation procedure (proce-
                        dure)] ->(363702006 |Has focus (at-
                        tribute))->[43b09307-453c-488a-ac-
                        ba-bbf3a39534cb | Male sexual partner type (find-
                        ing)])
                  item: Women([a997cc03-3e99-40e-
                        b-833a-6374c7750a3a | Observation proce-
                        dure (procedure)] ->(363702006 |Has focus
```

(attribute))->[405504bc-1098-47b6-9154e87306e47d5b | Female sexual partner type (finding)]) item: Both item: None # prompt: Number of Sexual Partners itemCode: [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)]- ->(363702006 |Has focus (attribute))->[365961006 |Finding of sexual partners (finding)]- ->(363714003 |Interprets (attribute))->[228458001 |Number of sexual partners (observable entity)]; response: Integer (Single) # Prior sexually transmitted infections? itemCode: [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 | Has focus (attribute))->[8098009 |Sexually transmitted infectious disease (disorder)] response: Boolean (Single) responseBinding: Property ("priorSexuallyTransmittedInfections") Condition:elm:IsTrue (elm:Property("priorSexuallyTransmittedInfections" from: elm:ParameterRef(Responses))) # prompt: Details response: String (Single) Condition: elm:IsFalse (elm:Property("priorSexuallyTransmittedInfections" from: elm:ParameterRef(Responses))) # prompt: Types of Contraceptives/Sexually Transmitted Infection Prevention Used response: String (Single) # \ High-risk sexual behaviors? prompt: itemCode: [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[102947004 |High risk sexual behavior (finding)] response: Boolean (Single) # prompt: Details response: String (Single)

#### Medical History

# prompt: Medical History response: String (Single)

Medication History

prompt: response: String (Single) prompt: response: String (Single) Surgical History Represented Concepts: 387713003 |Surgical procedure (procedure)| ♦ Surgery prompt: Surgical Procedure itemCode: 387713003 |Surgical procedure (procedure)| response: String (Single) prompt: Surgical Date response: Timestamp (Single) Family Health History # prompt: Family Health History response: String (Single) **Nutrition History** # prompt: Nutrition response: String (Single) Physical Activity History # prompt: Physical Activity response: String (Single) Social History Substance Use History Tobacco # prompt: Current or former tobacco user? itemCode: [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 | Has focus (attribute))->[110483000 |Tobacco user (finding)] response: Boolean (Single) Alcohol # prompt: Alcohol Use? response: Boolean (Single) # prompt: Alcohol use details response: String (Single) Rehabilitation or Detoxification # prompt: Rehabilitation or detoxification?

response: Code (Multiple) response EnumerationConstraint (List) range: item: Rehabilitation(52052004 | Rehabilitation therapy (regime/therapy)|) item: Detoxification(67516001 | Detoxification therapy (regime/therapy)|) responseBinding: Property ("RehabDetox") Condition: elm: Equal (elm: Property ("Rehab-Detox" from: elm:ParameterRef(Responses)) elm:Code()) # prompt: Rehabilitation details response: String (Single) Condition: Equal (elm: Property ("Rehab-Detox" from: elm:ParameterRef(Responses)) elm:Code()) # prompt: Detoxification details response: String (Single) Cocaine # prompt: Cocaine Use? itemCode: [a997cc03-3e99-40eb-833a-6374c7750a3a | Observation procedure (procedure)] ->(363702006 | Has focus (attribute))->[733461000 | Cocaine user (finding)] response: Boolean (Single) # prompt: Cocaine use details response: String (Single) Other # prompt: Other substance use history response: Boolean (Single) # prompt: Other substance use details response: String (Single) # prompt: Homeless itemCode: [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[32911000 |Homeless (finding)] response: Boolean (Single) responseBinding: Property ("Homeless") **Condition:**elm:IsTrue (elm:Property("Homeless" from: elm:ParameterRef(Responses)))

# prompt: Homeless details response: String (Single) # prompt: Unstable Home Environment? itemCode: [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 | Has focus (attribute))->[276104006 | Home unsettled (finding)] response: Boolean (Single) **responseBinding:** Property ("UnstableHomeEnvironment") Condition:elm:IsTrue (elm:Property("UnstableHomeEnvironment" from: elm:ParameterRef(Responses))) # prompt: Home environment details response: String (Single) # prompt: Geographically Remote (40+ Mile Drive to Medical Care)? itemCode: [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[b0549379-fc0b-45dc-8a84-befe666432f5 |Residence remote from medical facility (finding)] response: Boolean (Single) **responseBinding:** Property ("RemoteLocation") Condition:elm:IsTrue (elm:Property("RemoteLocation" from: elm:ParameterRef(Responses))) # prompt: Remote location details response: String (Single) Neglect and Abuse History # prompt: Neglect and Abuse History? itemCode: [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[95930005 |Victim of neglect (finding)] response: Boolean (Single) **responseBinding:** Property ("NeglectAbuseHx") # | Condition:elm:IsTrue (elm:Property("NeglectAbuseHx" from: elm:ParameterRef(Responses))) # prompt: Sexual itemCode: [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[225826001 |Victim of sexual abuse (finding)] response: Boolean (Single) responseBinding: Property ("SexualAbuse")

**Condition:**elm:IsTrue (elm:Property("SexualAbuse" from:

elm:ParameterRef(Responses)))

# prompt: Sexual abuse details response: String (Single) # prompt: Physical itemCode: [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[225824003 |Victim of physical abuse (finding)] response: Boolean (Single) **responseBinding:** Property ("PhysicalAbuse") **Condition:**elm:IsTrue (elm:Property("PhysicalAbuse" from: elm:ParameterRef(Responses))) # prompt: Physical abuse details response: String (Single) # prompt: Emotional itemCode: [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[419916003 |Victim of emotional abuse (finding)] response: Boolean (Single) **responseBinding:** Property ("EmotionalAbuse") **Condition:**elm:IsTrue (elm:Property("EmotionalAbuse" from: elm:ParameterRef(Responses))) # prompt: Emotional abuse details response: String (Single) Additional Social History # prompt: Additional Social history response: String (Single) # prompt: Height in Inches itemCode: [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 | Has focus (attribute))->[248327008 | General finding of height (finding)] response: Integer (Single) # prompt: Weight in Pounds itemCode: [a997cc03-3e99-40eb-833a-6374c7750a3a | Observation procedure (procedure)] ->(363702006 | Has focus (attribute))->[107647005 | Weight finding response: Integer (Single) # prompt: Body Mass Index (kg/m2) itemCode: 698094009 | Measurement of body mass index (procedure)|

Physical Exam

(finding)]

response: Integer (Single)

# prompt: Systolic Blood Pressure

```
itemCode: [122869004 | Measurement procedure (procedure)]- ->(363702006 | Has
              focus (attribute))->[392570002 |Blood pressure finding (finding)]- -
              >(363714003 |Interprets (attribute))->[271649006 |Systolic blood pressure
              (observable entity)];
    response: Integer (Single)
    # prompt: Diastolic Blood Pressure
   itemCode: [122869004 | Measurement procedure (procedure)]- ->(363702006 | Has
              focus (attribute))->[392570002 |Blood pressure finding (finding)]- -
              >(363714003 |Interprets (attribute))->[271650006 |Diastolic blood pres-
              sure (observable entity)];
    response: Integer (Single)
    # prompt: Tanner Stage
    response: String (Single)
    # prompt: Abdominal Examination
    response: String (Single)
    # prompt: Pelvic Examination (as Indicated by History)
    response: String (Single)
    # prompt: Other Physical Exams (as Indicated by History)
    response: String (Single)
# Chlamydia and Gonorrhea Testing
  ACOG recommends testing of all adolescents who are sexually active.
    # prompt: Tests
    response: Code (Multiple)
     response EnumerationConstraint (List)
       range:
        item: Chlamydia(442487003 | Screening for Chlamydia trachomatis (procedure)|)
        item: Gonorrhea([171125008 | Bacterial disease screening (procedure)] -
              >( 363702006 | Has focus (attribute))->[ 15628003 | Gonorrhea (disorder)])
# Testing Based on Risk
    # prompt: Select test(s)
    response: Code (Multiple)
     response EnumerationConstraint (List)
       range:
        item: HIV(171121004 | Human immunodeficiency virus screening (procedure)|)
        item: Hepatitis B Virus(171122006 | Hepatitis B screening (procedure) |)
        item: Hepatitis C Virus(413107006 | Hepatitis C screening (procedure)|)
        item: Tuberculosis (TB) Skin Test(28163009 | Skin test for tuberculosis, Tine test
              (procedure)|)
        item: Diabetes Testing(171183004 |Diabetes mellitus screening (procedure)|)
        item: Hemoglobin level(271026005 | Hemoglobin level estimation (procedure)|)
        item: Lipid Panel(16254007 |Lipid panel (procedure)|)
```

**Testing** 

item: Colorectal Cancer Screening(268548003 |Screening for malignant neoplasm of large intestine (procedure)|)

item: Genetic Counseling(79841006 | Genetic counseling (procedure)|)

item: Genetic Testing(405824009 |Genetic test (procedure)|)

#### # Diabetes Testing

# prompt: Select test(s)

response: String (Multiple)

response EnumerationConstraint (List)

range:

item: Fasting Plasma Glucose (FPG)(167096006 |Plasma fasting glucose measurement (procedure)|)

item: 75-g Oral Glucose Tolerance Test (OGTT) with 2-Hour Plasma Glucose (2-h PG)(113076002 |Glucose tolerance test (procedure)|)

item: Hemoglobin A1c(43396009 |Hemoglobin A1c measurement (procedure)|)

#### # | Colorectal Screening

Colorectal Cancer Screening is indicated for patients with family history of familial adenomatous polyposis or 8 years after the start of pancolitis

# prompt: Acknowledge? response: Boolean (Single)

#### # Genetic Counseling and Testing

Genetic Counseling/Testing is indicated based on personal risk factors

# **\*** Test prompt:

response: String (Single)

#### Counseling

Please identify the counseling provided during this well women visit.

#### # Sexuality Counseling

# prompt: Provided counseling on

response: String (Multiple)

response EnumerationConstraint (List)

range:

item: Sexual Development([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[118201000 | Finding related to development of sexuality (finding)])

item: Safe Sexual Practices including barrier protection([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[386467004 | Safe sex education (procedure)])

item: Reproductive Health(717793002 |Reproductive counseling (procedure)|)

item: High-Risk Sexual Behaviors, Sexually Transmitted Infections (STIs) and Barrier Protection, Acquaintance Rape Prevention([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[102947004 | High risk sexual behavior (finding)])

```
item: Postponing Sexual Involvement([409063005 | Counseling (proce-
              dure)] ->(363702006 |Has focus (attribute))->[be71bf7a-51ee-4062-
              a5fc-7d03442c964f [Postponed sexual activity (finding)])
        item: Internet and Phone Safety([409063005 | Counseling (procedure)] -
              >(363702006 | Has focus (attribute))->[0d75e4ee-bdbe-4489-9344-
              a7960f205045 |Education about internet safety (procedure)] [409063005 |
              Counseling (procedure)] ->(363702006 |Has focus (attribute))->[cabf6d61-
              e71b-4fa0-b430-75acc4e935ad |Education about phone safety (proce-
              dure)])
# Physical Activity/Nutrition Counseling
   # prompt: Provided counseling on
    response: Code (Multiple)
     response EnumerationConstraint (List)
       range:
        item: Physical Activity(435551000124105 | Counseling about physical activity
              (procedure)|)
        item: Eating Disorders and Obesity([409063005 | Counseling (procedure)] -
              >(363702006 | Has focus (attribute))->[414916001 | Obesity (disorder)])
        item: Multivitamin with Folic Acid([409063005 | Counseling (proce-
              dure)] ->(363702006 | Has focus (attribute))->[a736a4d9-dd8b-456a-
              ba3b-3b8d2e15eb86 |Multivitamin, folic acid therapy (regime/therapy)])
        item: Folic Acid supplementation([409063005 | Counseling (pro-
              cedure)] ->(363702006 | Has focus (attribute))->[145c5249-
              c8b2-4ea7-9f30-895571c1a6c3 |Folic acid supplementation therapy
              (regime/therapy)])
        item: Review Calcium Intake([409063005 | Counseling (procedure)] -
              >(363702006 | Has focus (attribute))->[438841000124104 | Calcium sup-
              plement therapy (regime/therapy)])
# Substance Use/Abuse Counseling
   # prompt: Provided counseling on
    response: Code (Multiple)
     response EnumerationConstraint (List)
       range:
        item: Alcohol Use/Abuse Counseling(413473000 | Counseling about alco-
              hol consumption (procedure) [409063005 | Counseling (procedure)] -
              >(363702006 | Has focus (attribute))->[15167005 | Alcohol abuse (disor-
              der)])
        item: Tobacco Use/Abuse Counseling(711028002 | Counseling about tobacco use
              (procedure)| [409063005 | Counseling (procedure)] -> (363702006 | Has fo-
              cus (attribute))->[89765005 | Tobacco dependence syndrome (disorder)])
        item: Other Substance Use/Abuse Counseling
# Psychosocial Counseling
    # prompt: Provided counseling on
    response: Code (Multiple)
     response EnumerationConstraint (List)
       range:
```

- item: Sexual orientation and gender identity([737302009 | Counseling related to sexuality (procedure)] ->(363702006 | Has focus (attribute))->[365956009 | Finding of sexual orientation (finding)] [409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[285116001 | Gender identity finding (finding)])
- item: Screen for Depression, Suicide Symptoms([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[35489007 | Depressive disorder (disorder)] [409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[415665002 | Suicide prevention (procedure)])
- item: Behavioral and Learning Disorders([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[277843001 | Problem behavior (finding)] [409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[1855002 | Developmental academic disorder (disorder)])
- item: Relationships Including Family and Peers([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[225706007 | Interpersonal relationship finding (finding)])
- item: Abuse: Sexual, Physical, Emotional, and bullying by partner, family members, or peers([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[386702006 | Victim of abuse (finding)])
- item: School experiences([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[365458002 | Education and/or schooling finding (finding)])
- item: Sleep disorders([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[39898005 | Sleep disorder (disorder)])

#### # Prevention of Injuries Counseling

# prompt: Provided counseling on

response: Code (Multiple)

response EnumerationConstraint (List)

range:

- item: Exercise and Sports Safety([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[f52132d4-4984-42a8-a23a-28470ca558a4 | Education about exercise safety (procedure)] [409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[40768703-de88-4183-8005-65adf42aa90a | Education about sports safety (procedure)])
- item: Weapons, Including Firearms([409063005 | Counseling (procedure)] >(363702006 | Has focus (attribute))->[442231e3-a15b-4ddb-8d27-d8b-d55fec9a5 | Education about weapons (procedure)])
- item: Hearing Protection([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[5ba26048-3a09-40b0-9159-240a7a987551 | Hearing protection (procedure)])
- item: Occupational Hazards([409063005 | Counseling (procedure)] >(363702006 | Has focus (attribute))->[58ec04b8-3e23-416c-8d-f6-32ba345b7e32 | Education about occupational hazards (procedure)])
- item: Recreational Hazards([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[989d6101-299d-4d62-a1a7-cbd984824c52 | Education about recreational hazards (procedure)])

item: Safe Driving Practices Including: Texting While Driving, Driving Under the Influence, Seat Belt Use(432091000124102 |Counseling for risks of driving (procedure)|)

item: Use of Helmets([ef690b6b-af0f-4d15-a3af-bfee01f88482 |Counseling for use of safety helmet (procedure))

item: Ultraviolet Ray Exposure([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[ab-b828f9-5652-4a24-ba0f-1658506aa7e3 | Education about ultraviolet light exposure (procedure)])

item: Body modification: Scaring, Piercing, Tattooing([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[0950c09b-5103-4343-b2f1-923e64988101 | Education about body modification (procedure)])

#### # Good Health Practices Counseling

# prompt: Provided counseling on

response: Code (Multiple)

response EnumerationConstraint (List)

range:

item: Hygiene([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[710150006 | Promotion of hygiene (procedure)])

item: Dental Care([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[225362009 | Dental care (regime/therapy)])

item: Fluoride Supplementation([409063005 | Counseling (procedure)] - >(363702006 | Has focus (attribute))->[438891000124108 | Fluoride supplement therapy (regime/therapy)])

#### # Cardiovascular Risk Factor counseling

# prompt: Family history of cardiovascular disease

response: Boolean (Single)
# prompt: Personal history of

response: String (Single)

response EnumerationConstraint (List)

range:

item: Hypertension([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[38341003 |Hypertensive disorder, systemic arterial (disorder)])

item: Obesity([a997cc03-3e99-40eb-833a-6374c7750a3a | Observation procedure (procedure)] ->(363702006 | Has focus (attribute))->[414916001 | Obesity (disorder)])

item: Dyslipidemia([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[370992007 | Dyslipidemia (disorder)])

item: Diabetes mellitus([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[73211009 | Diabetes mellitus (disorder)])

item: Preeclampsia, gestational diabetes, or pregnancy-induced hypertension([a997cc03-3e99-40eb-833a-6374c7750a3a | Observation proce-

dure (procedure)] ->(363702006 |Has focus (attribute))->[398254007 | Pre-eclampsia (disorder)] [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[11687002 |Gestational diabetes mellitus (disorder)] [a997c-c03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[48194001 |Pregnancy-induced hypertension (disorder)])

# Other Counseling provided

# prompt: Details

response: String (Single)

#### **Immunizations**

([VA 2017]) U.S. Department of Veterans Affairs website. Get Recommended Screening Tests and Immunizations for Women link [https://www.prevention.va.gov/PREVEN-TION/Healthy\_Living/Get\_Recommended\_Screening\_Tests\_and\_Immunization-

s\_for\_Women.asp]

# prompt: Acknowledge Display of CDC Guidelines

response: Boolean (Single)

# Chapter 4. Age >=19 years old to <40 years old

Screening					
	History				
	V	/isit Reason/C	Chief Comp	plaint	
			escription	?	
		prompt:			
		response: St		le)	
	I N	Menstrual Hist			
			ge of Men		
			# prompt:	•	
		1		servation pro  Has focus (a  Finding relating)]>(36.	se99-40eb-833a-6374c7750a3a  Obocedure (procedure)]>(363702006 attribute))->[373412001   ted to menstrual cycle (find-3714003  Interprets (at-398700009  Age at menarche (observ-
			response:	Integer (Sin	gle)
		D	ate of Last	Menstrual F	Period?
			# prompt:	Date	
			response:	Timestamp	(Single)
		M	Ienstrual C	ycle Pattern	?
			•	Regular	
				b-833a-6374 dure (proced	Concepts: [a997cc03-3e99-40e-4c7750a3a   Observation procedure)] ->(363702006   Has focus (at-302757007   Regular periods (find-
				# prompt:	Cycle duration (Days)
				itemCode:	[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)]>(363702006  Has focus (attribute))->[373412001  Finding related to menstrual cycle (finding)]>(363714003  Interprets (attribute))->[364310004  Duration of menstrual cycle (observable entity)];
				response:	Integer (Single)
				# prompt:	Flow duration (Days)
				itemCode:	[a997cc03-3e99-40e- b-833a-6374c7750a3a  Obser-

		->(363702006  Has focus (attribute))->[373412001  Finding related to menstrual cycle (finding)]>(363714003  Interprets (attribute))->[161720007  Duration of menstrual flow (observable entity)];
	response:	Integer (Single)
•	Irregular	
	b-833a-6374 dure (proced	Concepts: [a997cc03-3e99-40e-4c7750a3a   Observation procedure)] ->(363702006   Has focus (at-80182007   Irregular periods (find-
	# prompt:	Details
	response:	String (Single)
Menstrual S	ymptoms	
#		
	# prompt:	Does the patient have Menstrual Symptoms?
	response:	Boolean (Single)
	# prompt:	Details
	response:	String (Single)
#	Additional I	Menstrual History
	# prompt:	Details
	response:	String (Single)
e History	l	
Gravidity (T come)	otal Number	of Pregnancies regardless of out-
procedure (ptribute))->[1 ing)]>(36.3	orocedure)]- 18185001  F 3714003  Inte	3a-6374c7750a3a   Observation ->(363702006   Has focus (at- finding related to pregnancy (find- erprets (attribute))->[161732006   ty)];
Integer (Sing	gle)	
Parity (Total Number of Pregnancies Delivered at or before Term)		
[a997cc03-3e99-40eb-833a-6374c7750a3a   Observation procedure (procedure)]>(363702006   Has focus (attribute))->[118185001   Finding related to pregnancy (finding)]>(363714003   Interprets (attribute))->[364325004   Parity (observable entity)];		
Integer (Single)		
Other Relevant Reproductive History		
String (Sing	le)	
	##  # History  Gravidity (Tome)  [a997cc03-3 procedure (pribute))->[1 ing)]>(36 Gravida (oblinteger (Single Parity (Total Term)  [a997cc03-3 procedure (pribute))->[1 ing)]>(36 ity (observal Integer (Single Other Relever))	Represented b-833a-6374 dure (proced tribute))->[8 ing)]] # prompt: response:  Menstrual Symptoms  # # prompt: response:  # Additional M # prompt: response:  # Additional M # prompt: response:  # Integer (Single)  Parity (Total Number of Term)  [a997cc03-3e99-40eb-83 procedure (procedure)]- response:  # Integer (Single)  Parity (Total Number of Term)  [a997cc03-3e99-40eb-83 procedure (procedure)]- response:    Parity (Total Number of Term)    Parity (Total Number of Term)

vation procedure (procedure)]-

Sexual Histo	ory	
#		
	# prompt:	Is the patient Sexually Active?
	itemCode:	[a997cc03-3e99-40eb-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006   Has focus (attribute))->[228453005  Sexually active (finding)]
	response:	Boolean (Single)
	# prompt:	Gender Identity
	response:	String (Single)
	# prompt:	Sexual Orientation
	response:	String (Single)
	# prompt:	Sexual practices?
	response:	Code (Multiple)
	response range:	EnumerationConstraint (List)
	item:	Vaginal sex([a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (attribute))->[229012002  Vaginal penetration (finding)])
	item:	Anal sex([a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (attribute))->[2145000  Anal penetration (finding)])
	item:	Oral sex([a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (attribute))->[73666000  Oral-genital stimulation (finding)])
	item:	Other
	# prompt:	Types of Sexual Partner(s)?
	response:	Code (Single)
	response range:	EnumerationConstraint (List)
	item:	Men([a997cc03-3e99-40eb-833a-6374c7750a3a   Observation procedure (procedure)] ->(363702006   Has focus (attribute))->[43b09307-453c-488a-ac-ba-bbf3a39534cb   Male sexual partner type (finding)])
	item:	Women([a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (attribute))->[405504bc-1098-47b6-9154-

```
ing)])
                  item: Both
                  item: None
             # prompt: Number of Sexual Partners
              response: Integer (Single)
             # prompt: Any prior sexually transmitted infections? Re-
                        quired
              response: Boolean (Single)
            responseBinding: Property ("priorSexuallyTransmittedIn-
            fections")
            Condition:elm:IsTrue (elm:Property("priorSexuallyTransmit-
            tedInfections" from: elm:ParameterRef(Responses)))
             # prompt: Details
              response: String (Single)
            Condition: elm:IsFalse (elm:Property("priorSexuallyTrans-
            mittedInfections" from: elm:ParameterRef(Responses)))
             # prompt: Types of Contraceptives/Sexually Transmitted
                        Infection Prevention Used
              response: String (Single)
                      #
                          # prompt: High-risk sexual behaviors?
                          response: Boolean (Single)
                          # prompt: Details
                          response: String (Single)
Urinary or fecal incontinence History
 # prompt: Does the patient have
 response: Code (Multiple)
  response EnumerationConstraint (List)
     range:
      item: urinary incontinence([a997cc03-3e99-40e-
            b-833a-6374c7750a3a |Observation procedure (procedure)] -
            >(363702006 | Has focus (attribute))->[165232002 | Urinary in-
            continence (finding)])
      item: fecal incontinence([a997cc03-3e99-40eb-833a-6374c7750a3a
            |Observation procedure (procedure)] ->(363702006 |Has focus
            (attribute))->[72042002 |Incontinence of feces (finding)])
 # prompt: Details
 response: String (Single)
Medical History
 # prompt: Medical History
 response: String (Single)
Medication History
```

e87306e47d5b | Female sexual partner type (find-

```
prompt:
 response: String (Single)
      prompt:
 response: String (Single)
Surgical History
        ♦ Surgery
              prompt: Surgical Procedure
            itemCode: 387713003 |Surgical procedure (procedure)|
             response: String (Single)
              prompt: Surgical Date
             response: Timestamp (Single)
Family Health History
 # prompt: Family Health History
 response: String (Single)
Nutrition History
 # prompt: Nutrition
 response: String (Single)
Physical Activity History
 # prompt: Physical Activity
 response: String (Single)
Social History
           Substance Use History
            # prompt: Current or former tobacco user?
             response: Boolean (Single)
                    #
                        # prompt: Alcohol Use?
                        response: Boolean (Single)
                        # prompt: Alcohol use details
                        response: String (Single)
            # prompt: Rehabilitation or detoxification?
             response: Code (Multiple)
             response EnumerationConstraint (List)
                range:
                item: Rehabilitation(52052004 | Rehabilitation therapy
                      (regime/therapy)|)
                 item: Detoxification(67516001 | Detoxification therapy
                      (regime/therapy)|)
           responseBinding: Property ("RehabDetox")
```

	Condition:elm:Equal (elm:Property("RehabDetox" from: elm:ParameterRef(Responses)) elm:Code())					
#	# prompt: Rehabilitation details					
re	response: String (Single)					
	Condition:elm:Equal (elm:Property("RehabDetox" from: elm:ParameterRef(Responses)) elm:Code())					
#	# prompt: Detoxification details					
re	response: String (Single)					
	#					
		# prompt:	Cocaine Use?			
		itemCode:	[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (attribute))->[733461000  Cocaine user (finding)]			
		response:	Boolean (Single)			
		# prompt:	Cocaine use details			
		response:	String (Single)			
	#					
		# prompt:	Other substance use history			
		response:	Boolean (Single)			
		# prompt:	Other substance use details			
		response:	String (Single)			
	#					
		# prompt:	Homeless			
		itemCode:	[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (attribute))->[32911000  Homeless (finding)]			
		response:	Boolean (Single)			
		# prompt:	Homeless details			
	#	response:	String (Single)			
	"	# prompt:	Unstable Home Environment?			
			[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (attribute))->[276104006  Home unset-			
			tled (finding)]			

	response:	Boolean (Single)
	responseBi vironment")	nding: Property ("UnstableHomeEn-
	# prompt:	Home environment details
	response:	String (Single)
ā	<b>#</b>	
	# prompt:	Geographically Remote (40+ Mile Drive to Medical Care?
	itemCode:	[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (attribute))->[b0549379-fc0b-45d-c-8a84-befe666432f5  Residence remote from medical facility (finding)]
	response:	Boolean (Single)
	# prompt:	Remote location details
	response:	String (Single)
Neglect and Abuse Hist	ory	
# prompt: Neglect an	d Abuse Histo	ory?
response: Boolean (S	ingle)	
and the second s		
#		
	<b>‡</b>	
	# prompt:	Sexual
	# prompt:	Sexual [a997cc03-3e99-40e-
	# prompt:	[a997cc03-3e99-40e- b-833a-6374c7750a3a  Obser-
	# prompt:	[a997cc03-3e99-40e- b-833a-6374c7750a3a  Obser- vation procedure (procedure)]
	# prompt:	[a997cc03-3e99-40e- b-833a-6374c7750a3a  Obser- vation procedure (procedure)] ->(363702006  Has focus (at-
	# prompt:	[a997cc03-3e99-40e- b-833a-6374c7750a3a  Obser- vation procedure (procedure)]
	# prompt: itemCode:	[a997cc03-3e99-40e- b-833a-6374c7750a3a  Obser- vation procedure (procedure)] ->(363702006  Has focus (at- tribute))->[225826001  Victim of
	# prompt: itemCode:	[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (attribute))->[225826001  Victim of sexual abuse (finding)]
	# prompt: itemCode: response: # prompt:	[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (attribute))->[225826001  Victim of sexual abuse (finding)] Boolean (Single)
-	# prompt: itemCode: response: # prompt:	[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (attribute))->[225826001  Victim of sexual abuse (finding)] Boolean (Single) Sexual abuse details
-	# prompt: itemCode:  response: # prompt: response:	[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (attribute))->[225826001  Victim of sexual abuse (finding)] Boolean (Single) Sexual abuse details String (Single)
-	# prompt: itemCode:  response: # prompt: response: # prompt:	[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (attribute))->[225826001  Victim of sexual abuse (finding)] Boolean (Single) Sexual abuse details String (Single)  Physical
-	# prompt: itemCode:  response: # prompt: response: # prompt:	[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (attribute))->[225826001  Victim of sexual abuse (finding)] Boolean (Single) Sexual abuse details String (Single)
	# prompt: itemCode:  response: # prompt: response: # prompt:	[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (attribute))->[225826001  Victim of sexual abuse (finding)] Boolean (Single) Sexual abuse details String (Single)  Physical [a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (at-
-	# prompt: itemCode:  response: # prompt: response: # prompt: itemCode:	[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (attribute))->[225826001  Victim of sexual abuse (finding)] Boolean (Single) Sexual abuse details String (Single)  Physical [a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (attribute))->[225824003  Victim of
-	# prompt: itemCode:  response: # prompt: response: # prompt: itemCode:	[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (attribute))->[225826001  Victim of sexual abuse (finding)] Boolean (Single)  Sexual abuse details String (Single)  Physical [a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (attribute))->[225824003  Victim of physical abuse (finding)]

response: String (Single) # # prompt: Emotional itemCode: [a997cc03-3e99-40eb-833a-6374c7750a3a | Observation procedure (procedure)] ->(363702006 | Has focus (attribute))->[419916003 |Victim of emotional abuse (finding)] response: Boolean (Single) **responseBinding:** Property ("EmotionalAbuse") # prompt: Emotional abuse details response: String (Single) Additional Social History # prompt: Additional Social history response: String (Single) Physical Exam # prompt: Height in Inches itemCode: [a997cc03-3e99-40eb-833a-6374c7750a3a | Observation procedure (procedure)] ->(363702006 | Has focus (attribute))->[248327008 | General finding of height (finding)] response: Integer (Single) # prompt: Weight in Pounds itemCode: [a997cc03-3e99-40eb-833a-6374c7750a3a | Observation procedure (procedure)] ->(363702006 | Has focus (attribute))->[107647005 | Weight finding (finding)] response: Integer (Single) # prompt: Body Mass Index (kg/m2) itemCode: 698094009 | Measurement of body mass index (procedure) | response: Integer (Single) # prompt: Systolic Blood Pressure itemCode: [122869004 | Measurement procedure (procedure)]- ->(363702006 | Has focus (attribute))->[392570002 |Blood pressure finding (finding)]- ->(363714003 |Interprets (attribute))->[271649006 |Systolic blood pressure (observable entity)]; response: Integer (Single) # prompt: Diastolic Blood Pressure itemCode: [122869004 | Measurement procedure (procedure)]- ->(363702006 | Has focus (attribute))->[392570002 |Blood pressure finding (finding)]- ->(363714003 |Interprets (attribute))->[271650006 |Diastolic blood pressure (observable entity)]; response: Integer (Single) # prompt: Neck adenopathy and thyroid

```
itemCode: [a997cc03-3e99-40eb-833a-6374c7750a3a | Observation procedure (proce-
                        dure)] ->(363702006 | Has focus (attribute))->[30746006 | Lymphadenopa-
                        thy (disorder)]- ->(363698007 | Finding site (attribute))->[45048000 | Neck
                        structure (body structure)];
              response: String (Single)
              # prompt: Breast Examination (as Indicated by History)
              response: String (Single)
              # prompt: Abdominal Examination
              response: String (Single)
              # prompt: Pelvic Examination (as Indicated by History)
              response: String (Single)
              # prompt: Other Physical Exams (as Indicated by History)
              response: String (Single)
Testing
              # prompt: Cervical Cancer Screening
              response: Boolean (Single)
            Chlamydia and Gonorrhea Testing
            Chlamydia and Gonorrhea testing is not indicated in patients who are low risk, who
            have never been sexually active; or other reason indicated by patient care provider.
              # prompt: Select test(s)
              response: Code (Multiple)
               response EnumerationConstraint (List)
                 range:
                  item: Chlamydia(442487003 |Screening for Chlamydia trachomatis (procedure)|)
                  item: Gonorrhea([171125008 | Bacterial disease screening (procedure)] -
                        >( 363702006 | Has focus (attribute))->[ 15628003 | Gonorrhea (disorder)])
            Testing Based on Risk
              # prompt: Select test(s)
              response: Code (Multiple)
               response EnumerationConstraint (List)
                 range:
                  item: HIV([171125008 | Bacterial disease screening (procedure)] -> (363702006
                        |Has focus (attribute))->[ 15628003 |Gonorrhea (disorder)])
                  item: Hepatitis C Virus(413107006 | Hepatitis C screening (procedure)|)
                  item: Tuberculosis (TB) Skin Test(28163009 | Skin test for tuberculosis, Tine test
                        (procedure)|)
                  item: Diabetes Testing(171183004 | Diabetes mellitus screening (procedure)|)
                  item: Hemoglobin level(271026005 | Hemoglobin level estimation (procedure)|)
                  item: Lipid Panel(16254007 |Lipid panel (procedure)|)
                  item: Thyroid-Stimulating Hormone (TSH)(61167004 | Thyroid stimulating hor-
                        mone measurement (procedure)|)
```

item: Genetic Counseling(79841006 | Genetic counseling (procedure)|)

item: Genetic Testing(405824009 |Genetic test (procedure)|)

item: Breast Cancer Screening(268547008 |Screening for malignant neoplasm of breast (procedure)|)

item: Colorectal Cancer Screening(268548003 |Screening for malignant neoplasm of large intestine (procedure)|)

item: Bone Mineral Density Screening(82066000 |Bone density study, dual photon absorptiometry (procedure)|)

#### # Diabetes Testing

# prompt: Select test(s)

response: String (Multiple)

response EnumerationConstraint (List)

range:

item: Fasting Plasma Glucose (FPG)(167096006 |Plasma fasting glucose measurement (procedure)|)

item: 75-g Oral Glucose Tolerance Test (OGTT) with 2-Hour Plasma Glucose (2-h PG)(113076002 |Glucose tolerance test (procedure)|)

item: Hemoglobin A1c(43396009 |Hemoglobin A1c measurement (procedure)|)

#### # Genetic Counseling and Testing

Consider Genetic Counseling/Testing in patients with fragile X syndrome, Tay–Sachs disease; or if there is a concern about cystic fibrosis carrier status or spinal muscular atrophy. Also, assess for risk of a hemoglobinopathy for women considering pregnancy

# **\*** Test prompt:

response: String (Single)

#### Counseling

Please identify the counseling provided during this well women visit

#### **Sexuality Counseling**

# prompt: Provided counseling on

response: Code (Multiple)

response EnumerationConstraint (List)

range:

item: Preconception(737360004 |Preconception counseling (procedure)|)

item: Reproductive Health(717793002 |Reproductive counseling (procedure)|)

item: Safe Sexual Practices including barrier protection([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[386467004 | Safe sex education (procedure)])

item: Sexual Function([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[118202007 | Finding of sexual function (finding)])

item: High-Risk Sexual Behaviors, sexually transmitted infections (STIs) and Barrier Protection, Acquaintance Rape Prevention([409063005 | Counsel-

```
ing (procedure)] ->(363702006 | Has focus (attribute))->[102947004 | High
            risk sexual behavior (finding)])
Physical Activity/Nutrition Counseling
 # prompt: Provided counseling on
  response: Code (Multiple)
  response EnumerationConstraint (List)
     range:
      item: Physical Activity(435551000124105 | Counseling about physical activity
            (procedure)|)
      item: Eating Disorders and Obesity([409063005 | Counseling (procedure)] -
            >(363702006 | Has focus (attribute))->[414916001 | Obesity (disorder)])
      item: Folic Acid Supplementation([409063005 | Counseling (pro-
            cedure)] ->(363702006 | Has focus (attribute))->[145c5249-
            c8b2-4ea7-9f30-895571c1a6c3 |Folic acid supplementation therapy
            (regime/therapy)])
      item: Review Calcium Intake([409063005 | Counseling (procedure)] -
            >(363702006 | Has focus (attribute))->[438841000124104 | Calcium sup-
            plement therapy (regime/therapy)])
Substance Use/Abuse Counseling
 # prompt: Provided counseling on
  response: Code (Multiple)
  response EnumerationConstraint (List)
     range:
      item: Alcohol Use/Abuse Counseling(413473000 | Counseling about alco-
            hol consumption (procedure)| [409063005 | Counseling (procedure)] -
            >(363702006 | Has focus (attribute))->[15167005 | Alcohol abuse (disor-
            der)])
      item: Tobacco Use/Abuse Counseling(711028002 | Counseling about tobacco use
            (procedure)| [409063005 | Counseling (procedure)] ->(363702006 | Has fo-
            cus (attribute))->[89765005 |Tobacco dependence syndrome (disorder)])
      item: Other Substance Use/Abuse Counseling
Psychosocial Counseling
 # prompt: Provided counseling on
  response: Code (Multiple)
  response EnumerationConstraint (List)
     range:
      item: Life Stressors(315600006 | Counseling for stress (procedure)|)
      item: Screen for Depression, Suicide Symptoms([409063005 | Counseling (pro-
            cedure)] ->(363702006 | Has focus (attribute))->[35489007 | Depressive
            disorder (disorder)] [409063005 | Counseling (procedure)] ->(363702006 |
            Has focus (attribute))->[415665002 |Suicide prevention (procedure)])
      item: Work Satisfaction([409063005 | Counseling (procedure)] ->(363702006 |
            Has focus (attribute))->[302124002 |Satisfied with job (finding)])
      item: Relationships Including Family and Peers([409063005 | Counseling (pro-
            cedure)] ->(363702006 | Has focus (attribute))->[225706007 | Interpersonal
            relationship finding (finding)])
```

item: Neglect and Abuse: Sexual, Physical, Emotional, and Intimate Partner Violence([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[95930005 |Victim of neglect (finding)])

item: Sleep disorders([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[39898005 | Sleep disorder (disorder)])

#### Prevention of Injuries Counseling

# prompt: Provided counseling on

response: Code (Multiple)

response EnumerationConstraint (List)

range:

item: Exercise and Sports Safety([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[f52132d4-4984-42a8-a23a-28470ca558a4 | Education about exercise safety (procedure)] [409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[40768703-de88-4183-8005-65adf42aa90a | Education about sports safety (procedure)])

item: Weapons, Including Firearms([409063005 | Counseling (procedure)] - >(363702006 | Has focus (attribute))->[442231e3-a15b-4ddb-8d27-d8b-d55fec9a5 | Education about weapons (procedure)])

item: Occupational Hazards([409063005 | Counseling (procedure)] - >(363702006 | Has focus (attribute))->[58ec04b8-3e23-416c-8d-f6-32ba345b7e32 | Education about occupational hazards (procedure)])

item: Hearing Protection([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[5ba26048-3a09-40b0-9159-240a7a987551 | Hearing protection (procedure)])

item: Recreational Hazards([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[989d6101-299d-4d62-a1a7-cbd984824c52 | Education about recreational hazards (procedure)])

item: Safe Driving Practices Including: Texting While Driving, Driving Under the Influence, Seat Belt Use(432091000124102 |Counseling for risks of driving (procedure)|)

item: Ultraviolet Ray Exposure([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[ab-b828f9-5652-4a24-ba0f-1658506aa7e3 | Education about ultraviolet light exposure (procedure)])

#### Good Health Practices/Risk Assessment Counseling

# prompt: Provided counseling on

response: Code (Multiple)

response EnumerationConstraint (List)

range:

item: Breast Cancer Risk([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[705089007 | At risk of breast cancer (finding)])

item: Hygiene([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[710150006 | Promotion of hygiene (procedure)])

item: Dental Care([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[225362009 | Dental care (regime/therapy)])

# Chemoprophylaxis for breast cancer may be indicated for high risk women 35 years or older

# prompt: Acknowledge response: Boolean (Single)

#### Cardiovascular Risk Factor counseling

# prompt: Family history of cardiovascular disease

response: Boolean (Single)
# prompt: Personal history of
response: String (Single)

response EnumerationConstraint (List)

range:

item: Hypertension([a997cc03-3e99-40eb-833a-6374c7750a3a | Observation procedure (procedure)] ->(363702006 | Has focus (attribute))->[38341003 | Hypertensive disorder, systemic arterial (disorder)])

item: Obesity([a997cc03-3e99-40eb-833a-6374c7750a3a | Observation procedure (procedure)] ->(363702006 | Has focus (attribute))->[414916001 | Obesity (disorder)])

item: Dyslipidemia([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[370992007 | Dyslipidemia (disorder)])

item: Diabetes mellitus([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[73211009 | Diabetes mellitus (disorder)])

item: Preeclampsia, gestational diabetes, or pregnancy-induced hypertension([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[398254007 | Pre-eclampsia (disorder)] [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[11687002 |Gestational diabetes mellitus (disorder)] [a997c-c03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[48194001 |Pregnancy-induced hypertension (disorder)])

#### Other Counseling provided

# prompt: Description response: String (Single)

# Chapter 5. Age >=40 years old to <65 years old

Screening					
	History				
	V	/isit Reason/C	Chief Comp	plaint	
			escription	?	
		prompt:			
		response: St		le)	
	I N	Menstrual Hist			
			ge of Men		
			# prompt:	•	
		1		servation pro  Has focus (a  Finding relating)]>(36.	se99-40eb-833a-6374c7750a3a  Obocedure (procedure)]>(363702006 attribute))->[373412001   ted to menstrual cycle (find-3714003  Interprets (at-398700009  Age at menarche (observ-
			response:	Integer (Sin	gle)
		D	ate of Last	Menstrual F	Period?
			# prompt:	Date	
			response:	Timestamp	(Single)
		M	Ienstrual C	ycle Pattern	?
			•	Regular	
				b-833a-6374 dure (proced	Concepts: [a997cc03-3e99-40e-4c7750a3a   Observation procedure)] ->(363702006   Has focus (at-302757007   Regular periods (find-
				# prompt:	Cycle duration (Days)
				itemCode:	[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)]>(363702006  Has focus (attribute))->[373412001  Finding related to menstrual cycle (finding)]>(363714003  Interprets (attribute))->[364310004  Duration of menstrual cycle (observable entity)];
				response:	Integer (Single)
				# prompt:	Flow duration (Days)
				itemCode:	[a997cc03-3e99-40e- b-833a-6374c7750a3a  Obser-

G	vation procedure (procedure)]>(363702006  Has focus (at- tribute))->[373412001  Finding related to menstrual cycle (find- ing)]>(363714003  Interprets (at- tribute))->[161720007  Duration of menstrual flow (observable entity)]; response: Integer (Single) Irregular
	Represented Concepts: [a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (attribute))->[80182007  Irregular periods (finding))]
	# prompt: Details
	response: String (Single)
Menstrual S	ymptoms
# prompt:	Does the patient have Menstrual Symptoms?
response:	Boolean (Single)
# prompt:	Details
response:	String (Single)
#	Additional Menstrual History
	# prompt: Details
	response: String (Single)
#	
	# prompt: Does the patient have Symptoms of menopause?
	itemCode: [a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (attribute))->[21801002  Menopausal symptom (finding)]
	response: Boolean (Single)
	# prompt: Details
	response: String (Single)
Reproductive History	
#	
	Gravidity (Total Number of Pregnancies regardless of outcome)
itemCode:	[a997cc03-3e99-40eb-833a-6374c7750a3a   Observation procedure (procedure)]>(363702006   Has focus (attribute))->[118185001   Finding related to pregnancy (finding)]>(363714003   In-

```
servable entity)];
              response: Integer (Single)
              # prompt: Parity (Total Number of Pregnancies Delivered at
                        or before Term)
             itemCode: [a997cc03-3e99-40eb-833a-6374c7750a3a |Ob-
                        servation procedure (procedure)]- ->(363702006
                        |Has focus (attribute))->[118185001 |Finding re-
                        lated to pregnancy (finding)]- ->(363714003 |In-
                        terprets (attribute))->[364325004 | Parity (observ-
                        able entity)];
              response: Integer (Single)
              # prompt: Other Relevant Reproductive History
              response: String (Single)
Sexual History
 # prompt: Is the patient Sexually Active?
 itemCode: [a997cc03-3e99-40eb-833a-6374c7750a3a |Observa-
            tion procedure (procedure)] ->(363702006 |Has focus (at-
            tribute))->[228453005 |Sexually active (finding)]
  response: Boolean (Single)
responseBinding: Property ("sexuallyActive")
          # | Condition:elm:IsTrue (elm:Property("sexuallyActive" from:
            elm:ParameterRef(Responses)))
              # prompt: Gender Identity
              response: String (Single)
              # prompt: Sexual Orientation
              response: String (Single)
              # prompt: Sexual practices?
              response: Code (Multiple)
              response EnumerationConstraint (List)
                 range:
                  item: Vaginal sex([a997cc03-3e99-40e-
                        b-833a-6374c7750a3a |Observation proce-
                        dure (procedure)] ->(363702006 | Has focus (at-
                        tribute))->[229012002 | Vaginal penetration (find-
                        ing)])
                  item: Anal sex([a997cc03-3e99-40e-
                        b-833a-6374c7750a3a |Observation proce-
                        dure (procedure)] ->(363702006 |Has focus (at-
                        tribute))->[2145000 | Anal penetration (finding)])
                  item: Oral sex([a997cc03-3e99-40e-
                        b-833a-6374c7750a3a |Observation proce-
                        dure (procedure)] ->(363702006 | Has focus (at-
                        tribute))->[73666000 |Oral-genital stimulation
                        (finding)])
                  item: Other
```

terprets (attribute))->[161732006 | Gravida (ob-

```
# prompt: Types of Sexual Partner(s)?
 response: Code (Single)
  response EnumerationConstraint (List)
     range:
     item: Men([a997cc03-3e99-40eb-833a-6374c7750a3a
            Observation procedure (proce-
           dure)] ->(363702006 | Has focus (at-
           tribute))->[43b09307-453c-488a-ac-
           ba-bbf3a39534cb | Male sexual partner type (find-
           ing)])
      item: Women([a997cc03-3e99-40e-
           b-833a-6374c7750a3a | Observation proce-
           dure (procedure)] ->(363702006 | Has focus
           (attribute))->[405504bc-1098-47b6-9154-
           e87306e47d5b | Female sexual partner type (find-
           ing)])
      item: Both
      item: None
 # prompt: Number of Sexual Partners
 response: Integer (Single)
Condition:elm:IsTrue (elm:Property("sexuallyActive" from:
elm:ParameterRef(Responses)))
 # prompt: Any prior sexually transmitted infections? Re-
            quired
 response: Boolean (Single)
responseBinding: Property ("sexuallyTransmittedInfec-
tions")
Condition: elm:IsTrue (elm:Property("sexuallyTransmittedIn-
fections" from: elm:ParameterRef(Responses)))
 # prompt: Details
 response: String (Single)
Condition:elm:IsFalse (elm:Property("sexuallyTransmit-
tedInfections" from: elm:ParameterRef(Responses)))
 # prompt: Types of Contraceptives/Sexually Transmitted
           Infection Prevention Used
 response: String (Single)
Condition:elm:IsFalse (elm:Property("sexuallyActive" from:
elm:ParameterRef(Responses)))
 # prompt: Any High-risk sexual behaviors?
 itemCode: [409063005 | Counseling (proce-
           dure)] ->(363702006 |Has focus (at-
            tribute))->[102947004 |High risk sexual behavior
           (finding)]
 response: Boolean (Single)
responseBinding: Property ("HighRiskSexualBehaviors")
```

iors" from: elm:ParameterRef(Responses))) # prompt: Details response: String (Single) Pelvic prolapse History # prompt: Does the patient have Pelvic prolapse? itemCode: [[a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 | Has focus (attribute))->[73998008 |Prolapse of female genital organs (disorder)] response: Boolean (Single) # prompt: Details response: String (Single) Urinary or fecal incontinence History # prompt: Does the patient have response: Code (Multiple) response EnumerationConstraint (List) range: item: urinary incontinence([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 | Has focus (attribute))->[165232002 | Urinary incontinence (finding)]) item: fecal incontinence([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[72042002 |Incontinence of feces (finding)]) # prompt: Details response: String (Single) Medical History # prompt: Medical History response: String (Single) Medication History prompt: response: String (Single) prompt: response: String (Single) Surgical History ♦ Surgery prompt: Surgical Procedure itemCode: 387713003 |Surgical procedure (procedure)| response: String (Single) prompt: Surgical Date

**Condition:**elm:IsTrue (elm:Property("HighRiskSexualBehav-

response: Timestamp (Single) Family Health History # prompt: Family Health History response: String (Single) **Nutrition History** # prompt: Nutrition response: String (Single) Physical Activity History # prompt: Physical Activity response: String (Single) Social History Substance Use History # prompt: Current or former tobacco user? response: Boolean (Single) # prompt: Details response: String (Single) # # prompt: Alcohol Use? response: Boolean (Single) # prompt: Details response: String (Single) # # prompt: Rehabilitation or detoxification? response: Code (Multiple) response EnumerationConstraint (List) range: item: Rehabilitation(52052004 | Rehabilitation therapy (regime/therapy)|) item: Detoxification(67516001 | Detoxification therapy (regime/therapy)|) Condition: elm: Equal (elm: Property ("Rehab-Detox" from: elm:ParameterRef(Responses)) elm:Code()) # prompt: Rehabilitation details response: String (Single) Condition: elm: Equal (elm: Property ("Rehab-Detox" from: elm:ParameterRef(Responses)) elm:Code()) # prompt: Detoxification details response: String (Single)

	#		
		# prompt:	Cocaine Use?
		itemCode:	[a997cc03-3e99-40e- b-833a-6374c7750a3a  Obser- vation procedure (procedure)] ->(363702006  Has focus (at- tribute))->[733461000  Cocaine user (finding)]
		response:	Boolean (Single)
		# prompt:	Details
		response:	String (Single)
	#		
		# prompt:	Other substance use history
		response:	Boolean (Single)
		# prompt:	Other substance use details
		response:	String (Single)
		I	
	#		
		# prompt:	Homeless
		itemCode:	[a997cc03-3e99-40e- b-833a-6374c7750a3a  Obser- vation procedure (procedure)] ->(363702006  Has focus (at- tribute))->[32911000  Homeless (finding)]
		response:	Boolean (Single)
		_	Homeless details
			String (Single)
	#	1	
		# prompt:	Unstable Home Environment?
		itemCode:	[a997cc03-3e99-40e- b-833a-6374c7750a3a  Obser- vation procedure (procedure)] ->(363702006  Has focus (at- tribute))->[276104006  Home unset- tled (finding)]
		response:	Boolean (Single)
		responseBin	nding: Property ("UnstableHomeEn-
		·	Home environment details
			String (Single)
	#	•	
		# prompt:	Geographically Remote (40+ Mile Drive to Medical Care)?

		itemCode: [a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (attribute))->[b0549379-fc0b-45d-c-8a84-befe666432f5  Residence remote from medical facility (finding)]
		response: Boolean (Single)
		# prompt: Remote location details
		response: String (Single)
Neg	glect and Abuse Histo	ory
#	prompt: Neglect and	d Abuse History?
re	esponse: Boolean (Si	ingle)
res	ponseBinding: Prop	perty ("NeglectAbuseHx")
	#	
	#	#
		# prompt: Sexual
		itemCode: [a997cc03-3e99-40e-
		b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (attribute))->[225826001  Victim of sexual abuse (finding)]
		response: Boolean (Single)
		# prompt: Sexual abuse details
		response: String (Single)
	#	
	"	# prompt: Physical
		itemCode: [a997cc03-3e99-40e-
		b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (attribute))->[225824003  Victim of physical abuse (finding)]
		response: Boolean (Single)
		# prompt: Physical abuse details
		response: String (Single)
	#	#
		# prompt: Emotional
		itemCode: [a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (attribute))->[419916003  Victim of emotional abuse (finding)]

response: Boolean (Single) **responseBinding:** Property ("EmotionalAbuse") # prompt: Emotional abuse details response: String (Single) Additional Social History # prompt: Additional Social history response: String (Single) Physical Exam Physical Exam # prompt: Height in Inches itemCode: [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 | Has focus (attribute))->[248327008 | General finding of height (finding)] response: Integer (Single) # prompt: Weight in Pounds itemCode: [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 | Has focus (attribute))->[107647005 | Weight finding (finding)] response: Integer (Single) # prompt: Body Mass Index (kg/m2) itemCode: 698094009 |Measurement of body mass index (procedure)| response: Integer (Single) # prompt: Systolic Blood Pressure itemCode: [122869004 | Measurement procedure (procedure)] - ->(363702006 | Has focus (attribute))->[392570002 | Blood pressure finding (finding)]- ->(363714003 |Interprets (attribute))->[271649006 |Systolic blood pressure (observable entity)]; response: Integer (Single) # prompt: Diastolic Blood Pressure itemCode: [122869004 | Measurement procedure (procedure)]- ->(363702006 | Has focus (attribute))->[392570002 | Blood pressure finding (finding)]- ->(363714003 |Interprets (attribute))->[271650006 | Diastolic blood pressure (observable entity)]; response: Integer (Single) # prompt: Neck adenopathy and thyroid itemCode: [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 | Has focus (attribute))->[30746006 |Lymphadenopathy (disorder)]- ->(363698007 | Finding site (attribute))->[45048000 | Neck

response: String (Single)

structure (body structure)];

# prompt: Breast Examination (as Indicated by History)

response: String (Single)

# prompt: Abdominal Examination

response: String (Single)

# prompt: Pelvic Examination (as Indicated by History)

response: String (Single)

# prompt: Other Physical Exams (as Indicated by History)

response: String (Single)

#### **Testing**

#### Screening

# prompt: Test(s)

response: Code (Single)

response EnumerationConstraint (List)

range:

item: Cervical Cancer Screening(171149006 | Screening for malignant neoplasm

of cervix (procedure)|)

item: Colorectal Cancer Screening(268548003 |Screening for malignant neo-

plasm of large intestine (procedure)|)

item: Breast Cancer Screening(268547008 | Screening for malignant neoplasm of

breast (procedure)|)

item: Lipid Panel(16254007 |Lipid panel (procedure)|)

Beginning at age 45 years, consider performing lipid panel every five years. For those women less than 45 years of age, lipid panel is not indicated if average risk; or for those who have been screened within the last 5

years; or other reason indicated by patient care provider

#### Diabetes Screen

Beginning at age 45 years, consider diabetic screening every three years. Diabetic screening is not indicated for those patients with average risk and less than 45 years of age; or patients with known diagnosis of diabetes mellitus; or who have been screened within the last 3 years; or other reason indicated by patient care provider.

# prompt: Select test(s)

response: String (Multiple)

response EnumerationConstraint (List)

range:

item: Fasting Plasma Glucose (FPG)(167096006 |Plasma fasting glucose mea-

surement (procedure)|)

item: 75-g Oral Glucose Tolerance Test (OGTT) with 2-Hour Plasma Glucose

(2-h PG)(113076002 |Glucose tolerance test (procedure)|)

item: Hemoglobin A1c(43396009 |Hemoglobin A1c measurement (procedure)|)

#### Hepatitis C Virus Testing

# prompt: Hepatitis C Virus

itemCode: 413107006 |Hepatitis C screening (procedure)|

response: Boolean (Single)

# prompt: Hepatitis C Virus Results

```
response: Tuple (Single)
            initalValue: Hepatitis C Virus results
            Chlamydia and Gonorrhea Testing
            Chlamydia and Gonorrhea testing is not indicated in patients who are low risk, who
            have never been sexually active; or other reason indicated by patient care provider
              # prompt: Test(s)?
              response: Code (Multiple)
               response EnumerationConstraint (List)
                 range:
                  item: Chlamydia(442487003 | Screening for Chlamydia trachomatis (procedure)|)
                  item: Gonorrhea([171125008 | Bacterial disease screening (procedure)] -
                        >( 363702006 | Has focus (attribute))->[ 15628003 | Gonorrhea (disorder)])
            Testing Based on Risk
              # prompt: Test(s)
              response: Code (Multiple)
               response EnumerationConstraint (List)
                 range:
                  item: HIV([171125008 | Bacterial disease screening (procedure)] ->( 363702006
                        |Has focus (attribute))->[ 15628003 |Gonorrhea (disorder)])
                  item: Tuberculosis (TB) Skin Test(28163009 | Skin test for tuberculosis, Tine test
                        (procedure)|)
                  item: Hemoglobin Level(271026005 | Hemoglobin level estimation (procedure)|)
                  item: Thyroid-Stimulating Hormone (TSH)(61167004 | Thyroid stimulating hor-
                        mone measurement (procedure)|)
                  item: Genetic Testing(405824009 | Genetic test (procedure)|)
                  item: Genetic Counseling(79841006 | Genetic counseling (procedure)|)
                  item: Bone Mineral Density Screening(82066000 | Bone density study, dual pho-
                        ton absorptiometry (procedure)|)
            Genetic Counseling and Testing
            Consider Genetic Counseling/Testing in patients with fragile X syndrome, Tay–Sachs
            disease; or if there is a concern about cystic fibrosis carrier status or spinal muscular at-
            rophy. Also, assess for risk of a hemoglobinopathy for women considering pregnancy
                   # 🌣 Test
               prompt:
              response: String (Single)
Counseling
Please identify the counseling provided during this well women visit.
            Advance Directives
              # prompt: Advanced Directive Counseling provided
              response: Code (Single)
```

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response EnumerationConstraint (List)

range:

```
item: Advanced Directive([409063005 | Counseling (procedure)] ->(363702006
            |Has focus (attribute))->[310301000 |Advance healthcare directive status
            (finding)])
Sexuality
 # prompt: Provided counseling on
 response: Code (Multiple)
  response EnumerationConstraint (List)
     range:
      item: Safe Sexual Practices including barrier protection([409063005 | Counseling
            (procedure)] ->(363702006 | Has focus (attribute))->[386467004 | Safe sex
            education (procedure)])
      item: Sexual Function([409063005 | Counseling (procedure)] ->(363702006 | Has
            focus (attribute))->[118202007 |Finding of sexual function (finding)])
      item: High-Risk Sexual Behaviors, sexually transmitted infections (STIs) and
            Barrier Protection, Acquaintance Rape Prevention([409063005 | Counsel-
            ing (procedure)] ->(363702006 | Has focus (attribute))->[102947004 | High
            risk sexual behavior (finding)])
Physical Activity/Nutrition Counseling
 # prompt: Provided counseling on
  response: Code (Multiple)
  response EnumerationConstraint (List)
     range:
      item: Physical Activity(435551000124105 | Counseling about physical activity
            (procedure)|)
      item: Eating Disorders and Obesity([409063005 | Counseling (procedure)] -
            >(363702006 | Has focus (attribute))->[414916001 | Obesity (disorder)])
      item: Review Calcium Intake([409063005 | Counseling (procedure)] -
            >(363702006 | Has focus (attribute))->[438841000124104 | Calcium sup-
            plement therapy (regime/therapy)])
Substance Abuse/Abuse Counseling provided
 # prompt: Provided counseling on
 response: Code (Multiple)
  response EnumerationConstraint (List)
     range:
      item: Alcohol Use/Abuse Counseling(413473000 | Counseling about alco-
            hol consumption (procedure) [409063005 | Counseling (procedure)] -
            >(363702006 | Has focus (attribute))->[15167005 | Alcohol abuse (disor-
            der)])
      item: Tobacco Use/Abuse Counseling(711028002 | Counseling about tobacco use
            (procedure) [409063005 | Counseling (procedure)] -> (363702006 | Has fo-
            cus (attribute))->[89765005 |Tobacco dependence syndrome (disorder)])
      item: Other Substance Use/Abuse Counseling
Psychosocial Counseling provided
 # prompt: Provided counseling on
```

response: Code (Multiple)

```
response EnumerationConstraint (List)
```

range:

item: Life Stressors(315600006 | Counseling for stress (procedure)|)

item: Screen for Depression, Suicide Symptoms([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[35489007 | Depressive disorder (disorder)] [409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[415665002 | Suicide prevention (procedure)])

item: Work Satisfaction([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[302124002 | Satisfied with job (finding)])

item: Relationships Including Family and Peers([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[225706007 | Interpersonal relationship finding (finding)])

item: Neglect and Abuse: Sexual, Physical, Emotional, and Intimate Partner Violence([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[95930005 |Victim of neglect (finding)])

item: Sleep disorders([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[39898005 | Sleep disorder (disorder)])

#### Prevention of Injuries Counseling provided

# prompt: Provided counseling on

response: Code (Multiple)

response EnumerationConstraint (List)

range:

item: Exercise and Sports Safety([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[f52132d4-4984-42a8-a23a-28470ca558a4 | Education about exercise safety (procedure)] [409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[40768703-de88-4183-8005-65adf42aa90a | Education about sports safety (procedure)])

item: Weapons, Including Firearms([409063005 | Counseling (procedure)] - >(363702006 | Has focus (attribute))->[442231e3-a15b-4ddb-8d27-d8b-d55fec9a5 | Education about weapons (procedure)])

item: Occupational Hazards([409063005 | Counseling (procedure)] - >(363702006 | Has focus (attribute))->[58ec04b8-3e23-416c-8d-f6-32ba345b7e32 | Education about occupational hazards (procedure)])

item: Hearing Protection([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[5ba26048-3a09-40b0-9159-240a7a987551 | Hearing protection (procedure)])

item: Recreational Hazards([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[989d6101-299d-4d62-a1a7-cbd984824c52 | Education about recreational hazards (procedure)])

item: Safe Driving Practices Including: Texting While Driving, Driving Under the Influence, Seat Belt Use(432091000124102 |Counseling for risks of driving (procedure)|)

item: Ultraviolet Ray Exposure([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[ab-

b828f9-5652-4a24-ba0f-1658506aa7e3 |Education about ultraviolet light exposure (procedure)])

#### Good Health Practices Counseling/Risk assessment Counseling provided

# prompt: Provided counseling on

response: Code (Multiple)

response EnumerationConstraint (List)

range:

item: Aspirin prophylaxis([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[312452009 | Aspirin prophylaxis (procedure)])

For women age 50-59 years, consider if not at an increased risk for bleeding, have a life expectancy of at least 10 years, and are willing to take low-dose aspirin daily for at least 10 years. For women age 60-64 years, prophylaxis decision should be individualized based on no known increased risk for bleeding, and a life expectancy of at least 10 years

item: Breast Cancer Risk([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[705089007 | At risk of breast cancer (finding)])

Chemoprophylaxis for breast cancer may be indicated for high risk women 35 years or older

item: Hormone Therapy([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[266717002 | Hormone replacement therapy (procedure)])

item: Hygiene([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[710150006 | Promotion of hygiene (procedure)])

item: Dental Care([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[225362009 | Dental care (regime/therapy)])

#### Cardiovascular Risk Factor counseling

# prompt: Family history of cardiovascular disease

response: Boolean (Single)
# prompt: Personal history of
response: String (Single)

response EnumerationConstraint (List)

range:

item: Hypertension([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[38341003 |Hypertensive disorder, systemic arterial (disorder)])

item: Obesity([a997cc03-3e99-40eb-833a-6374c7750a3a | Observation procedure (procedure)] ->(363702006 | Has focus (attribute))->[414916001 | Obesity (disorder)])

item: Dyslipidemia([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[370992007 | Dyslipidemia (disorder)])

item: Diabetes mellitus([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[73211009 | Diabetes mellitus (disorder)])

item: Preeclampsia, gestational diabetes, or pregnancy-induced hypertension([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation proce-

dure (procedure)] ->(363702006 |Has focus (attribute))->[398254007 | Pre-eclampsia (disorder)] [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[11687002 |Gestational diabetes mellitus (disorder)] [a997c-c03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[48194001 |Pregnancy-induced hypertension (disorder)])

#### Other counseling provided

# prompt: Description
response: String (Single)

# Chapter 6. Age >= 65 years and older

Screening						
	History					
		Visit Reason	n/Chief Com	plaint		
		>	Description <sup>6</sup>	?		
		prompt:				
		response:	String (Sing	le)		
		Post-menopausal bleeding?				
		# prompt: Does the patient have Post-menopausal bleeding?				
		itemCode:	tion procedu	3e99-40eb-833a-6374c7750a3a  Observa- ire (procedure)] ->(363702006  Has focus (at- 76742009  Postmenopausal bleeding (finding)]		
		response:	Boolean (Si	ngle)		
		initalValue	elm:Literal	(Boolean) False		
		# prompt:	Details			
		response:	String (Sing	le)		
		Sexual Histo	ory			
		#				
			# prompt:	Is the patient Sexually Active?		
			itemCode:	[a997cc03-3e99-40eb-833a-6374c7750a3a   Observation procedure (procedure)] ->(363702006   Has focus (attribute))->[228453005   Sexually active (finding)]		
			response:	Boolean (Single)		
			initalValue	: elm:Literal (Boolean) False		
			# prompt:	Gender Identity		
			response:	String (Single)		
			# prompt:	Sexual Orientation		
			response:	String (Single)		
			# prompt:	Sexual practices?		
			response:	Code (Multiple)		
			response range:	EnumerationConstraint (List)		
			item:	Vaginal sex([a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (attribute))->[229012002  Vaginal penetration (finding)])		
			item:	Anal sex([a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (attribute))->[2145000  Anal penetration (finding)])		

```
item: Oral sex([a997cc03-3e99-40e-
            b-833a-6374c7750a3a |Observation proce-
            dure (procedure)] ->(363702006 | Has focus (at-
            tribute))->[73666000 |Oral-genital stimulation
            (finding)])
      item: Other
 # prompt: Types of Sexual Partner(s)?
 response: Code (Single)
  response EnumerationConstraint (List)
     range:
      item: Men([a997cc03-3e99-40eb-833a-6374c7750a3a
            Observation procedure (proce-
            dure)] ->(363702006 | Has focus (at-
            tribute))->[43b09307-453c-488a-ac-
            ba-bbf3a39534cb | Male sexual partner type (find-
            ing)])
      item: Women([a997cc03-3e99-40e-
           b-833a-6374c7750a3a |Observation proce-
           dure (procedure)] ->(363702006 | Has focus
            (attribute))->[405504bc-1098-47b6-9154-
            e87306e47d5b | Female sexual partner type (find-
           ing)])
      item: Both
      item: None
 # prompt: Number of Sexual Partners
 response: Integer (Single)
 # prompt: Any prior sexually transmitted infections? Re-
            quired
 response: Boolean (Single)
responseBinding: Property ("priorSexuallyTransmittedIn-
fections")
Condition:elm:IsTrue (elm:Property("priorSexuallyTransmit-
tedInfections" from: elm:ParameterRef(Responses)))
 # prompt: Details
 response: String (Single)
Condition: elm:IsFalse (elm:Property("priorSexuallyTrans-
mittedInfections" from: elm:ParameterRef(Responses)))
 # prompt: Types of Contraceptives/Sexually Transmitted
            Infection Prevention Used
 response: String (Single)
         #
             # prompt: Any High-risk sexual behaviors?
             itemCode: [409063005 | Counseling (proce-
                        dure)] ->(363702006 |Has focus (at-
                        tribute))->[102947004 |High risk
                        sexual behavior (finding)]
```

response: Boolean (Single) initalValue: elm:Literal (Boolean) False # prompt: Details response: String (Single) Pelvic prolapse History # prompt: Does the patient have Pelvic prolapse? itemCode: [[a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[73998008 | Prolapse of female genital organs (disorder)] response: Boolean (Single) # prompt: Details response: String (Single) Urinary or fecal incontinence History # prompt: Does the patient have response: Code (Multiple) response EnumerationConstraint (List) range: item: urinary incontinence([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 | Has focus (attribute))->[165232002 | Urinary incontinence (finding)]) item: fecal incontinence([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[72042002 |Incontinence of feces (finding)]) # prompt: Details response: String (Single) Medical History # prompt: Medical History response: String (Single) Medication History Current Medications—Prescription prompt: response: String (Single) ❖ Current Medications—Nonprescription prompt: response: String (Single) Surgical History ♦ Surgery prompt: Surgical Procedure itemCode: 387713003 |Surgical procedure (procedure)| response: String (Single) prompt: Surgical Date

response: Timestamp (Single) Family Health History # prompt: Family Health History response: String (Single) **Nutrition History** # prompt: Nutrition response: String (Single) Physical Activity History # prompt: Physical Activity response: String (Single) Social History Substance Use History Tobacco # prompt: Current or former tobacco user? response: Boolean (Single) initalValue: elm:Literal (Boolean) False # prompt: Details response: String (Single) Alcohol # prompt: Alcohol Use? response: Boolean (Single) # prompt: Alcohol use details response: String (Single) Rehabilitation or Detoxification # prompt: Rehabilitation or detoxification? response: Code (Multiple) response EnumerationConstraint (List) range: item: Rehabilitation(52052004 | Rehabilitation therapy (regime/therapy)|) item: Detoxification(67516001 | Detoxification therapy (regime/therapy)|) **responseBinding:** Property ("RehabDetox") Condition: elm: Equal (elm: Property ("Rehab-Detox" from: elm:ParameterRef(Responses)) elm:Code()) # prompt: Rehabilitation details response: String (Single) Condition: elm: Equal (elm: Property ("Rehab-Detox" from: elm:ParameterRef(Responses)) elm:Code()) # prompt: Detoxification details

[ [			#20monco.	String (Single)
			Cocaine	String (Single)
				Carrier Hard
				Cocaine Use?
			itemCode:	[a997cc03-3e99-40e- b-833a-6374c7750a3a  Obser- vation procedure (procedure)] ->(363702006  Has focus (at- tribute))->[733461000  Cocaine user (finding)]
			response:	Boolean (Single)
			# prompt:	Cocaine use details
			response:	String (Single)
			Other substa	ance use
			# prompt:	Other substance use history
			response:	Boolean (Single)
			# prompt:	Other substance use details
			response:	String (Single)
		#		
			# prompt:	Homeless
				[a997cc03-3e99-40e-
				b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (attribute))->[32911000  Homeless (finding)]
			response:	Boolean (Single)
			# prompt:	Homeless details
			response:	String (Single)
		#		
			# prompt:	Unstable Home Environment?
			itemCode:	[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (attribute))->[276104006  Home unsettled (finding)]
			response:	Boolean (Single)
			responseBin	nding: Property ("UnstableHomeEn-
			•	elm:Property
				Home environment details
			response:	String (Single)

		# prompt:	Geographically Remote (40+ Mile Drive to Medical Care?
		itemCode:	[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (attribute))->[b0549379-fc0b-45d-c-8a84-befe666432f5  Residence remote from medical facility (finding)]
		response:	Boolean (Single)
		responseBi	nding: Property ("RemoteLocation")
		Condition:	elm:Property
		# prompt:	Remote location details
		response:	String (Single)
Neglect and	Abuse Histo	ry	
# prompt:	Neglect and	Abuse Histo	ry?
response:	Boolean (Sin	ngle)	
responseBi	nding: Prop	erty ("Negled	ctAbuseHx")
#			
	#		
		# prompt:	Sexual
		itemCode:	[a997cc03-3e99-40e- b-833a-6374c7750a3a  Obser- vation procedure (procedure)] ->(363702006  Has focus (at- tribute))->[225826001  Victim of sexual abuse (finding)]
		response:	Boolean (Single)
		# prompt:	Sexual abuse details
		response:	String (Single)
	#		
		# prompt:	Physical
		itemCode:	[a997cc03-3e99-40e- b-833a-6374c7750a3a  Obser- vation procedure (procedure)] ->(363702006  Has focus (at- tribute))->[225824003  Victim of physical abuse (finding)]
		response:	Boolean (Single)
		responseBi	nding: Property ("PhysicalAbuse")
		# prompt:	Physical abuse details
		response:	String (Single)
	#		

itemCode: [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 | Has focus (attribute))->[419916003 | Victim of emotional abuse (finding)] response: Boolean (Single) **responseBinding:** Property ("EmotionalAbuse") # prompt: Emotional abuse details response: String (Single) Additional Social History # prompt: Additional Social history response: String (Single) Physical Exam Physical Exam # prompt: Height in Inches itemCode: [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[248327008 | General finding of height (finding)] response: Integer (Single) # prompt: Weight in Pounds itemCode: [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[107647005 | Weight finding (finding)] response: Integer (Single) # prompt: Body Mass Index (kg/m2) itemCode: 698094009 | Measurement of body mass index (procedure) | response: Integer (Single) # prompt: Systolic Blood Pressure itemCode: [122869004 | Measurement procedure (procedure)]- ->(363702006 | Has focus (attribute))->[392570002 | Blood pressure finding (finding)]- ->(363714003 |Interprets (attribute))->[271649006 |Systolic blood pressure (observable entity)]; response: Integer (Single) # prompt: Diastolic Blood Pressure itemCode: [122869004 | Measurement procedure (procedure)]- ->(363702006 | Has focus (attribute))->[392570002 | Blood pressure finding (finding)]- ->(363714003 |Interprets (attribute))->[271650006 | Diastolic blood pressure (observable entity)]; response: Integer (Single) # prompt: Neck adenopathy and thyroid itemCode: [a997cc03-3e99-40eb-833a-6374c7750a3a |Observa-

tion procedure (procedure)] ->(363702006 | Has focus (at-

tribute))->[30746006 |Lymphadenopathy (disorder)]- ->(363698007 | Finding site (attribute))->[45048000 | Neck structure (body structure)]; response: String (Single) # prompt: Breast Examination (as Indicated by History) response: String (Single) # prompt: Abdominal Examination response: String (Single) # prompt: Pelvic Examination (as Indicated by History) response: String (Single) # prompt: Other Physical Exams (as Indicated by History) response: String (Single) **Testing** # prompt: Select test(s) response: Code (Multiple) response EnumerationConstraint (List) range: item: Cervical Cancer Screening(171149006 | Screening for malignant neoplasm of cervix (procedure)|) item: Breast Cancer Screening(268547008 | Screening for malignant neoplasm of breast (procedure)|) item: Colorectal Cancer Screening(268548003 | Screening for malignant neoplasm of large intestine (procedure)|) item: Bone Mineral Density Screening(82066000 | Bone density study, dual photon absorptiometry (procedure)|) item: Diabetes Testing(171183004 |Diabetes mellitus screening (procedure)|) item: Urinalysis(27171005 |Urinalysis (procedure)|) item: Lipid Panel(16254007 |Lipid panel (procedure)|) Lipid panel is indicated every 5 years. **Diabetes Testing** Beginning at age 45 years, consider diabetic screening every three years. Diabetic screening is not indicated for those patients with average risk and less than 45 years of age; or patients with known diagnosis of diabetes mellitus; or who have been screened within the last 3 years; or other reason indicated by patient care provider # prompt: Select test(s) response: String (Multiple) response EnumerationConstraint (List) item: Fasting Plasma Glucose (FPG)(167096006 | Plasma fasting glucose measurement (procedure)|) item: 75-g Oral Glucose Tolerance Test (OGTT) with 2-Hour Plasma Glucose (2-h PG)(113076002 |Glucose tolerance test (procedure)|)

```
Testing Based on Risk
              # prompt: Testing Based on Risk
              response: Code (Multiple)
               response EnumerationConstraint (List)
                 range:
                  item: Chlamydia(442487003 | Screening for Chlamydia trachomatis (procedure)|)
                  item: Gonorrhea(442487003 |Screening for Chlamydia trachomatis (procedure)|)
                  item: HIV([171125008 | Bacterial disease screening (procedure)] ->( 363702006
                        |Has focus (attribute))->[ 15628003 |Gonorrhea (disorder)])
                  item: Hepatitis C Virus(413107006 |Hepatitis C screening (procedure)|)
                        One-time Hepatitis C virus testing indicated for persons born from 1945
                        through 1965 and unaware of their infection status
                  item: Tuberculosis (TB) Skin Test(28163009 | Skin test for tuberculosis, Tine test
                        (procedure)|)
                  item: Hemoglobin Level(271026005 | Hemoglobin level estimation (procedure)|)
                  item: Thyroid-Stimulating Hormone (TSH)(61167004 | Thyroid stimulating hor-
                        mone measurement (procedure)|)
                      # Hepatitis C Virus Test Results
                          # prompt: Hepatitis C Virus results
                          response: String (Single)
                        initalValue: Hepatitis C Virus results
Please identify the counseling provided during this well women visit.
            Advanced Directive Counseling provided
              # prompt: Provided counseling on
              response: Code (Single)
               response EnumerationConstraint (List)
                 range:
                  item: Advanced Directive([409063005 | Counseling (procedure)] ->(363702006
                        |Has focus (attribute))->[310301000 |Advance healthcare directive status
                        (finding)])
            Sexuality Counseling provided
              # prompt: Provided couseling on
              response: Code (Multiple)
               response EnumerationConstraint (List)
                  item: Safe Sexual Practices including barrier protection([409063005 | Counseling
                        (procedure)] ->(363702006 | Has focus (attribute))->[386467004 | Safe sex
                        education (procedure)])
```

item: Sexual Function([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[118202007 |Finding of sexual function (finding)])

Counseling

item: Hemoglobin A1c(43396009 | Hemoglobin A1c measurement (procedure)|)

item: High-Risk Sexual Behaviors, sexually transmitted infections (STIs) and Barrier Protection, Acquaintance Rape Prevention([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[102947004 | High risk sexual behavior (finding)])

#### Physical Activity/Nutrition Counseling provided

```
# prompt: Provided counseling on
```

response: Code (Multiple)

response EnumerationConstraint (List)

range:

item: Physical Activity(435551000124105 | Counseling about physical activity (procedure)|)

item: Eating Disorders and Obesity([409063005 | Counseling (procedure)] - >(363702006 | Has focus (attribute))->[414916001 | Obesity (disorder)])

item: Review Calcium Intake([409063005 | Counseling (procedure)] - >(363702006 | Has focus (attribute))->[438841000124104 | Calcium supplement therapy (regime/therapy)])

#### Substance Abuse/Abuse Counseling provided

# prompt: Provided counseling on

response: Code (Multiple)

response EnumerationConstraint (List)

range:

item: Alcohol Use/Abuse Counseling(413473000 | Counseling about alcohol consumption (procedure)| [409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[15167005 | Alcohol abuse (disorder)])

item: Tobacco Use/Abuse Counseling(711028002 | Counseling about tobacco use (procedure)| [409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[89765005 | Tobacco dependence syndrome (disorder)])

item: Other Substance Use/Abuse Counseling

#### Psychosocial Counseling provided

# prompt: Psychosocial Counseling provided

response: Code (Multiple)

response EnumerationConstraint (List)

range:

item: Life Stressors(315600006 | Counseling for stress (procedure)|)

item: Screen for Depression, Suicide Symptoms([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[35489007 | Depressive disorder (disorder)] [409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[415665002 | Suicide prevention (procedure)])

item: Relationships Including Family and Peers([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[225706007 | Interpersonal relationship finding (finding)])

item: Neglect and Abuse: Sexual, Physical, Emotional, and Intimate Partner Violence([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[95930005 |Victim of neglect (finding)])

item: Sleep disorders([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[39898005 | Sleep disorder (disorder)])

Prevention of Injuries Counseling provided

# prompt: Provided counseling on

response: Code (Multiple)

response EnumerationConstraint (List)

range:

item: Exercise and Sports Safety([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[f52132d4-4984-42a8-a23a-28470ca558a4 | Education about exercise safety (procedure)] [409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[40768703-de88-4183-8005-65adf42aa90a | Education about sports safety (procedure)])

item: Weapons, Including Firearms([409063005 | Counseling (procedure)] - >(363702006 | Has focus (attribute))->[442231e3-a15b-4ddb-8d27-d8b-d55fec9a5 | Education about weapons (procedure)])

item: Occupational Hazards([409063005 | Counseling (procedure)] - >(363702006 | Has focus (attribute))->[58ec04b8-3e23-416c-8d-f6-32ba345b7e32 | Education about occupational hazards (procedure)])

item: Recreational Hazards([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[989d6101-299d-4d62-a1a7-cbd984824c52 | Education about recreational hazards (procedure)])

item: Fall Prevention([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[386296001 | Fall prevention (procedure)])

item: Safe Driving Practices Including: Texting While Driving, Driving Under the Influence, Seat Belt Use(432091000124102 |Counseling for risks of driving (procedure)|)

item: Ultraviolet Ray Exposure([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[ab-b828f9-5652-4a24-ba0f-1658506aa7e3 | Education about ultraviolet light exposure (procedure)])

Good Health Practices/Risk assessment Counseling provided

# prompt: Provided counseling on

response: Code (Multiple)

response EnumerationConstraint (List)

range:

item: Aspirin prophylaxis([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[312452009 | Aspirin prophylaxis (procedure)])

For women age 65-69 years, prophylaxis decision should be individualized based on no known increased risk for bleeding, and a life expectancy of at least 10 years.]

item: Chemoprophylaxis for Breast Cancer Risk([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[420965003 | Antineoplastic agent prophylaxis (procedure)])

Chemoprophylaxis for breast cancer may be indicated for high risk women.

item: Hormone Therapy([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[266717002 | Hormone replacement therapy (procedure)])

item: Hearing([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[118230007 | Hearing finding (finding)])

item: Hygiene([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[710150006 | Promotion of hygiene (procedure)])

item: Dental Care([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[225362009 | Dental care (regime/therapy)])

item: Visual Acuity/Glaucoma screening([409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[16830007 | Visual acuity testing (procedure)] [409063005 | Counseling (procedure)] ->(363702006 | Has focus (attribute))->[171215009 | Glaucoma screening (procedure)])

#### Cardiovascular Risk Factor counseling

# prompt: Family history of cardiovascular disease

response: Boolean (Single)
# prompt: Personal history of
response: String (Multiple)

response EnumerationConstraint (List)

range:

item: Hypertension([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[38341003 |Hypertensive disorder, systemic arterial (disorder)])

item: Obesity([a997cc03-3e99-40eb-833a-6374c7750a3a | Observation procedure (procedure)] ->(363702006 | Has focus (attribute))->[414916001 | Obesity (disorder)])

item: Dyslipidemia([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[370992007 | Dyslipidemia (disorder)])

item: Diabetes mellitus([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[73211009 | Diabetes mellitus (disorder)])

item: Preeclampsia, gestational diabetes, or pregnancy-induced hypertension([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[398254007 | Pre-eclampsia (disorder)] [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[11687002 |Gestational diabetes mellitus (disorder)] [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[48194001 |Pregnancy-induced hypertension (disorder)])

#### Other Counseling provided

# prompt: Description response: String (Single)

# **Chapter 7. Tabular List**

# Terminology Service Request (TSR) Mappings

**Table 7.1. Terminology Versions** 

Name	Identifer	Version
SNOMED CT	2.16.840.1.113883.6.96	United States Edition 20180301

**Table 7.2. Terminology References** 

System	Code	Display Text <sup>a</sup>	References <sup>b</sup>
SNOMED CT	113076002  Glucose tolerance test (procedure)	75-g Oral Glucose Tolerance Test (OGTT) with 2-Hour Plasma Glu- cose (2-h PG)	4
SNOMED CT	16254007  Lipid panel (procedure)	Lipid Panel	4
SNOMED CT	167096006  Plasma fasting glucose measurement (procedure)	Fasting Plasma Glucose (FPG)	4
SNOMED CT	171121004  Human immunodeficiency virus screening (procedure)	HIV	1
SNOMED CT	171122006  Hepatitis B screening (procedure)	Hepatitis B Virus	1
SNOMED CT	171149006  Screening for malignant neoplasm of cervix (procedure)	Cervical Cancer Screening	2
SNOMED CT	171183004  Diabetes mellitus screening (procedure)	Diabetes Testing	3
SNOMED CT	248152002  Female (finding)	Female	1
SNOMED CT	268547008  Screening for malignant neoplasm of breast (procedure)	Breast Cancer Screening	3
SNOMED CT	268548003  Screening for malignant neoplasm of large intestine (procedure)	Colorectal Cancer Screening	4
SNOMED CT	271026005  Hemoglobin level estimation (procedure)	Hemoglobin level	4
SNOMED CT	27171005  Urinalysis (procedure)	Urinalysis	1
SNOMED CT	28163009  Skin test for tuberculosis, Tine test (procedure)	Tuberculosis (TB) Skin Test	4

System	Code	Display Text <sup>a</sup>	References <sup>b</sup>
SNOMED CT	315600006  Counseling for stress (procedure)	Life Stressors	3
SNOMED CT	33022008  Hospital-based outpatient department (environment)	Outpatient	1
SNOMED CT	387713003  Surgical procedure (procedure)	Precoordinated Expression	5
SNOMED CT	398166005  Performed (qualifier value)	Precoordinated Expression	1
SNOMED CT	405824009  Genetic test (procedure)	Genetic Testing	3
SNOMED CT	413107006  Hepatitis C screening (procedure)	Hepatitis C Virus	4
SNOMED CT	413473000  Counseling about alcohol consumption (procedure)	Alcohol Use/Abuse Counseling	4
SNOMED CT	432091000124102  Counseling for risks of driving (procedure)	Safe Driving Practices Including: Texting While Driving, Driving Under the Influence, Seat Belt Use	4
SNOMED CT	43396009  Hemoglobin A1c measurement (procedure)	Hemoglobin A1c	4
SNOMED CT	435551000124105  Counseling about physical activity (procedure)	Physical Activity	4
SNOMED CT	442487003  Screening for Chlamydia trachomatis (procedure)	Chlamydia	5
SNOMED CT	453231000124104  Primary care provider (occupation)	Provider to include Primary Care	1
SNOMED CT	52052004  Rehabilitation therapy (regime/therapy)	Precoordinated Expression	8
SNOMED CT	61167004  Thyroid stimulating hormone measurement (procedure)	Thyroid-Stimulating Hormone (TSH)	3
SNOMED CT	67516001  Detoxification therapy (regime/therapy)	Precoordinated Expression	8
SNOMED CT	698094009  Measurement of body mass index (proce- dure)	Precoordinated Expression	4
SNOMED CT	711028002  Counseling about tobacco use (proce- dure)	Tobacco Use/Abuse Counseling	4

System	Code	Display Text <sup>a</sup>	References <sup>b</sup>
SNOMED CT	717793002  Reproductive counseling (procedure)	Reproductive Health	2
SNOMED CT	737360004  Preconception counseling (procedure)	Preconception	1
SNOMED CT	79841006  Genetic counseling (procedure)	Genetic Counseling	3
SNOMED CT	82066000  Bone density study, dual photon absorp- tiometry (procedure)	Bone Mineral Density Screening	3
SNOMED CT	[122869004   Measurement procedure (procedure)]> (363702006   Has focus (attribute))->[392570002   Blood pressure finding (finding)]> (363714003   Interprets (attribute))->[271649006   Systolic blood pressure (observable entity)];	Postcoordinated Expression	4
SNOMED CT	[122869004   Measurement procedure (procedure)]> (363702006   Has focus (attribute))->[392570002   Blood pressure finding (finding)]> (363714003   Interprets (attribute))->[271650006   Diastolic blood pressure (observable entity)];	Postcoordinated Expression	4
SNOMED CT	[171125008  Bacterial disease screening (procedure)] -> (363702006  Has focus (attribute))->[15628003   Gonorrhea (disorder)]	Gonorrhea	6
SNOMED CT	[409063005   Counseling (procedure)] ->(363702006   Has focus (attribute))->[0950c09b-5103-b2f1-923e64988101   Education about body modification (procedure)]		1
SNOMED CT	[409063005   Counseling (procedure)] - > (363702006   Has focus (attribute)) -> [0d75e4ee-bdbe-4489-9344-a7960f205045   Education	Internet and Phone Safety	1

System	Code	Display Text <sup>a</sup>	References <sup>b</sup>
	about internet safety (procedure)]		
SNOMED CT	[409063005   Counseling (procedure)] - >(363702006   Has focus (attribute)) -> [102947004   High risk sexual behavior (finding)]	High-Risk Sexual Behaviors, Sex- ually Transmitted Infections (STIs) and Barrier Protection, Acquain- tance Rape Prevention	6
SNOMED CT	[409063005   Counseling (procedure)] - >(363702006   Has focus (attribute)) -> [118201000   Finding related to development of sexuality (finding)]	Sexual Development	1
SNOMED CT	[409063005   Counseling (procedure)] - >(363702006   Has focus (attribute)) -> [118202007   Finding of sexual function (finding)]	Sexual Function	3
SNOMED CT	[409063005   Counseling (procedure)] - >(363702006   Has focus (attribute)) -> [118230007   Hearing finding (finding)]	Hearing	1
SNOMED CT	[409063005   Counseling (procedure)] - >(363702006   Has focus (attribute)) -> [145c5249-c8b2-4ea7-9f30-895571c1a   Folic acid supplementation therapy (regime/therapy)]	Folic Acid supplementation 6c3	2
SNOMED CT	[409063005   Counseling (procedure)] - >(363702006   Has focus (attribute)) -> [15167005   Alcohol abuse (disorder)]	Alcohol Use/Abuse Counseling	4
SNOMED CT	[409063005   Counseling (procedure)] - >(363702006   Has focus (attribute)) -> [16830007   Visual acuity testing (procedure)]	Visual Acuity/Glaucoma screening	1
SNOMED CT	[409063005   Counseling (procedure)] - >(363702006   Has focus (attribute))->[171215009	Visual Acuity/Glaucoma screening	1

System	Code	Display Text <sup>a</sup>	References <sup>b</sup>
	Glaucoma screening (procedure)]		
SNOMED CT	[409063005   Counseling (procedure)] - >(363702006   Has focus (attribute)) -> [1855002   Developmental academic disorder (disorder)]	Behavioral and Learning Disorders	1
SNOMED CT	[409063005   Counseling (procedure)] - >(363702006   Has focus (attribute)) -> [225362009   Dental care (regime/therapy)]	Dental Care	4
SNOMED CT	[409063005   Counseling (procedure)] - >(363702006   Has focus (attribute)) -> [225706007   Interpersonal relationship finding (finding)]	Relationships Including Family and Peers	4
SNOMED CT	[409063005   Counseling (procedure)] - >(363702006   Has focus (attribute)) -> [266717002   Hormone replacement therapy (procedure)]	Hormone Therapy	2
SNOMED CT	[409063005   Counseling (procedure)] - >(363702006   Has focus (attribute)) -> [277843001   Problem behavior (finding)]	Behavioral and Learning Disorders	1
SNOMED CT	[409063005   Counseling (procedure)] - >(363702006   Has focus (attribute)) -> [285116001   Gender identity finding (finding)]	Sexual orientation and gender identity	1
SNOMED CT	[409063005   Counseling (procedure)] - >(363702006   Has focus (attribute)) -> [302124002   Satisfied with job (finding)]	Work Satisfaction	2
SNOMED CT	[409063005   Counseling (procedure)] - >(363702006   Has focus (attribute))->[310301000	Advanced Directive	2

System	Code	Display Text <sup>a</sup>	<b>References</b> <sup>b</sup>
	Advance healthcare directive status (finding)]		
SNOMED CT	[409063005   Counseling (procedure)] - >(363702006   Has focus (attribute)) ->[312452009   Aspirin prophylaxis (procedure)]	Aspirin prophylaxis	2
SNOMED CT	[409063005   Counseling (procedure)] - >(363702006   Has focus (attribute)) -> [35489007   Depressive disorder (disorder)]	Screen for Depression, Suicide Symptoms	4
SNOMED CT	[409063005   Counseling (procedure)] - >(363702006   Has focus (attribute)) -> [365458002   Education and/or schooling finding (finding)]	School experiences	1
SNOMED CT	[409063005   Counseling (procedure)] -> (363702006   Has focus (attribute)) -> [386296001   Fall prevention (procedure)]	Fall Prevention	1
SNOMED CT	[409063005   Counseling (procedure)] -> (363702006   Has focus (attribute))->[386467004   Safe sex education (procedure)]	Safe Sexual Practices including barrier protection	4
SNOMED CT	[409063005   Counseling (procedure)] - >(363702006   Has focus (attribute))->[386702006   Victim of abuse (finding)]	Abuse: Sexual, Physical, Emotional, and bullying by partner, family members, or peers	1
SNOMED CT	[409063005   Counseling (procedure)] - >(363702006   Has focus (attribute)) -> [39898005   Sleep disorder (disorder)]	Sleep disorders	4
SNOMED CT	[409063005   Counseling (procedure)] - > (363702006   Has focus (attribute)) -> [40768703-de88-4183-8005-65ad-f42aa90a   Education about sports safety (procedure)]	Exercise and Sports Safety	4

System	Code	Display Text <sup>a</sup>	References <sup>b</sup>
SNOMED CT	[409063005   Counseling (procedure)] -> (363702006   Has focus (attribute))-> [414916001   Obesity (disorder)]	Eating Disorders and Obesity	4
SNOMED CT	[409063005   Counseling (procedure)] - >(363702006   Has focus (attribute)) -> [415665002   Suicide prevention (procedure)]	Screen for Depression, Suicide Symptoms	4
SNOMED CT	[409063005   Counseling (procedure)] - >(363702006   Has focus (attribute)) -> [420965003   Antineoplastic agent prophylaxis (procedure)]	Chemoprophylaxis for Breast Cancer Risk	1
SNOMED CT	[409063005   Counseling (procedure)] ->(363702006   Has focus (attribute))->[43884100012416   Calcium supplement therapy (regime/therapy)]	Review Calcium Intake 04	4
SNOMED CT	[409063005   Counseling (procedure)] ->(363702006   Has focus (attribute))->[43889100012416   Fluoride supplement therapy (regime/therapy)]	Fluoride Supplementation 08	1
SNOMED CT	[409063005   Counseling (procedure)] - >(363702006   Has focus (attribute)) -> [442231e3-a15b-4ddb-8d27-d8b-d55fec9a5   Education about weapons (procedure)]	Weapons, Including Firearms	4
SNOMED CT	[409063005   Counseling (procedure)] ->(363702006   Has focus (attribute))->[58ec04b8-3e23-f6-32ba345b7e32   Education about occupational hazards (procedure)]		4
SNOMED CT	[409063005   Counseling (procedure)] ->(363702006  Has focus (at- tribute))->[5ba26048-3a09-		3

System	Code	Display Text <sup>a</sup>	<b>References</b> <sup>b</sup>
	Hearing protection (procedure)]		
SNOMED CT	[409063005   Counseling (procedure)] - >(363702006   Has focus (attribute)) -> [705089007   At risk of breast cancer (finding)]	Breast Cancer Risk	2
SNOMED CT	[409063005   Counseling (procedure)] - >(363702006   Has focus (attribute)) -> [710150006   Promotion of hygiene (procedure)]	Hygiene	4
SNOMED CT	[409063005   Counseling (procedure)] - >(363702006   Has focus (attribute)) -> [89765005   Tobacco dependence syndrome (disorder)]	Tobacco Use/Abuse Counseling	4
SNOMED CT	[409063005   Counseling (procedure)] ->(363702006   Has focus (attribute))->[989d6101-299d-a1a7-cbd984824c52   Education about recreational hazards (procedure)]		4
SNOMED CT	[409063005  Counseling (procedure)] - >(363702006  Has focus (attribute))->[a736a4d9-dd8b-456a-ba3b-3b8d2e15eb86  Multivitamin, folic acid therapy (regime/therapy)]	Multivitamin with Folic Acid	1
SNOMED CT	[409063005  Counseling (procedure)] -> (363702006  Has focus (attribute))->[ab-b828f9-5652-4a24-ba0f-165  Education about ultraviolet light exposure (procedure)]	Ultraviolet Ray Exposure 58506aa7e3	4
SNOMED CT	[409063005   Counseling (procedure)] ->(363702006  Has focus (at- tribute))->[be71bf7a-51ee-4 a5fc-7d03442c964f   Post-		1

System	Code	Display Text <sup>a</sup>	References <sup>b</sup>
	poned sexual activity (finding)]		
SNOMED CT	[409063005   Counseling (procedure)] - >(363702006   Has focus (attribute)) -> [cabf6d61-e71b-4fa0-b430-75ac-c4e935ad   Education about phone safety (procedure)]	Internet and Phone Safety	1
SNOMED CT	[409063005   Counseling (procedure)] ->(363702006   Has focus (attribute))->[f52132d4-4984-423a-28470ca558a4   Education about exercise safety (procedure)]	Exercise and Sports Safety  42a8-	4
SNOMED CT	[737302009   Counseling related to sexuality (procedure)] - >(363702006   Has focus (attribute))->[365956009   Finding of sexual orientation (finding)]	Sexual orientation and gender identity	1
SNOMED CT	[[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (attribute))->[73998008   Prolapse of female genital organs (disorder)]	Postcoordinated Expression	2
SNOMED CT	[[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] -> (363702006  Has focus (attribute))->[76742009   Postmenopausal bleeding (finding)]	Postcoordinated Expression	1
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] -> (363702006  Has focus (attribute))->[102947004   High risk sexual behavior (finding)]	Postcoordinated Expression	1
SNOMED CT	[a997cc03-3e99-40e- b-833a-6374c7750a3a	Postcoordinated Expression	4

System	Code	Display Text <sup>a</sup>	References <sup>b</sup>
	Observation procedure (procedure)] - >(363702006  Has focus (attribute))->[107647005   Weight finding (finding)]		
SNOMED CT	[a997cc03-3e99-40e- b-833a-6374c7750a3a  Observation proce- dure (procedure)] - >(363702006  Has focus (attribute))->[110483000   Tobacco user (finding)]	Postcoordinated Expression	1
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a   Observation procedure (procedure)] -> (363702006   Has focus (attribute))->[11687002   Gestational diabetes mellitus (disorder)]	Preeclampsia, gestational diabetes, or pregnancy-induced hypertension	4
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a   Observation procedure (procedure)] -> (363702006   Has focus (attribute))->[165232002   Urinary incontinence (finding)]	urinary incontinence	3
SNOMED CT	[a997cc03-3e99-40e- b-833a-6374c7750a3a  Observation proce- dure (procedure)] - >(363702006  Has focus (attribute))->[2145000   Anal penetration (finding)]	Anal sex	4
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (attribute))->[21801002  Menopausal symptom (finding)]	Postcoordinated Expression	1
SNOMED CT	[a997cc03-3e99-40e- b-833a-6374c7750a3a  Observation proce- dure (procedure)] - >(363702006  Has focus (attribute))->[225824003	Postcoordinated Expression	4

System	Code	Display Text <sup>a</sup>	References <sup>b</sup>
	Victim of physical abuse (finding)]		
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (attribute))->[225826001  Victim of sexual abuse (finding)]	Postcoordinated Expression	4
SNOMED CT	[a997cc03-3e99-40e- b-833a-6374c7750a3a  Observation proce- dure (procedure)] - >(363702006  Has focus (attribute))->[228453005   Sexually active (finding)]	Postcoordinated Expression	4
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (attribute))->[229012002   Vaginal penetration (finding)]	Vaginal sex	4
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (attribute))->[248327008   General finding of height (finding)]	Postcoordinated Expression	4
SNOMED CT	[a997cc03-3e99-40e- b-833a-6374c7750a3a  Observation proce- dure (procedure)] - >(363702006  Has focus (attribute))->[276104006   Home unsettled (finding)]	Postcoordinated Expression	4
SNOMED CT	[a997cc03-3e99-40e- b-833a-6374c7750a3a  Observation proce- dure (procedure)] - >(363702006  Has focus (attribute))->[302757007   Regular periods (finding)]	Postcoordinated Expression	3
SNOMED CT	[a997cc03-3e99-40e- b-833a-6374c7750a3a	Postcoordinated Expression	3

System	Code	Display Text <sup>a</sup>	<b>References</b> <sup>b</sup>
	Observation procedure (procedure)] - >(363702006  Has focus (attribute))->[30746006   Lymphadenopathy (disorder)]>(363698007  Finding site (attribute))->[45048000   Neck structure (body structure)];		
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] - >(363702006  Has focus (attribute))->[32911000   Homeless (finding)]	Postcoordinated Expression	4
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] - >(363702006  Has focus (attribute))->[370992007   Dyslipidemia (disorder)]	Dyslipidemia	4
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] - >(363702006  Has focus (attribute))->[38341003   Hypertensive disorder, systemic arterial (disorder)]	Hypertension	4
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] -> (363702006  Has focus (attribute))->[398254007   Pre-eclampsia (disorder)]	Preeclampsia, gestational diabetes, or pregnancy-induced hypertension	4
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (attribute))->[405504bc-1098-e87306e47d5b  Female sexual partner type (finding)]	Women 47b6-9154-	4
SNOMED CT	[a997cc03-3e99-40e- b-833a-6374c7750a3a	Obesity	4

System	Code	Display Text <sup>a</sup>	References <sup>b</sup>
	Observation procedure (procedure)] - >(363702006  Has focus (attribute))->[414916001   Obesity (disorder)]		
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] -> (363702006  Has focus (attribute))->[419916003   Victim of emotional abuse (finding)]	Postcoordinated Expression	4
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (attribute))->[43b09307-453c-acba-bbf3a39534cb  Male sexual partner type (finding)]	Men 488a-	4
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] -> (363702006  Has focus (attribute))->[48194001   Pregnancy-induced hypertension (disorder)]	Preeclampsia, gestational diabetes, or pregnancy-induced hypertension	4
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] -> (363702006  Has focus (attribute))->[50711007   Viral hepatitis type C (disorder)]	Postcoordinated Expression	1
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] -> (363702006  Has focus (attribute))->[72042002  Incontinence of feces (finding)]	fecal incontinence	3
SNOMED CT	[a997cc03-3e99-40e- b-833a-6374c7750a3a  Observation proce- dure (procedure)] -	Diabetes mellitus	4

System	Code	Display Text <sup>a</sup>	References <sup>b</sup>
	>(363702006  Has focus (attribute))->[73211009   Diabetes mellitus (disor- der)]		
SNOMED CT	[a997cc03-3e99-40e- b-833a-6374c7750a3a  Observation proce- dure (procedure)] - >(363702006  Has focus (attribute))->[733461000   Cocaine user (finding)]	Postcoordinated Expression	4
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] -> (363702006  Has focus (attribute))->[73666000  Oral-genital stimulation (finding)]	Oral sex	4
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] -> (363702006  Has focus (attribute))->[80182007  Irregular periods (finding))]	Postcoordinated Expression	3
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)] ->(363702006  Has focus (attribute))->[8098009   Sexually transmitted infectious disease (disorder)]	Postcoordinated Expression	1
SNOMED CT	[a997cc03-3e99-40e- b-833a-6374c7750a3a  Observation proce- dure (procedure)] - >(363702006  Has focus (attribute))->[95930005   Victim of neglect (find- ing)]	Neglect and Abuse: Sexual, Physical, Emotional, and Intimate Partner Violence	4
SNOMED CT	[a997cc03-3e99-40e- b-833a-6374c7750a3a  Observation proce- dure (procedure)] - >(363702006  Has focus (attribute))->[b0549379- fc0b-45d-	Postcoordinated Expression	4

System	Code	Display Text <sup>a</sup>	References <sup>b</sup>
	c-8a84-befe666432f5  Residence remote from medical facility (finding)]		
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a   Observation procedure (procedure)]>(363702006   Has focus (attribute))->[118185001   Finding related to pregnancy (finding)]>(363714003   Interprets (attribute))->[161732006   Gravida (observable entity)];	Postcoordinated Expression	3
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)]>(363702006  Has focus (attribute))->[118185001  Finding related to pregnancy (finding)]>(363714003  Interprets (attribute))->[364325004   Parity (observable entity)];	Postcoordinated Expression	3
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)]>(363702006  Has focus (attribute))->[365961006  Finding of sexual partners (finding)]>(363714003  Interprets (attribute))->[228458001   Number of sexual partners (observable entity)];	Postcoordinated Expression	1
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)]>(363702006  Has focus (attribute))->[373412001  Finding related to menstrual cycle (finding)]>(363714003  Interprets (attribute))->[161720007   Duration of menstrual flow (observable entity)];	Postcoordinated Expression	3

System	Code	Display Text <sup>a</sup>	References <sup>b</sup>
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)]>(363702006  Has focus (attribute))->[373412001  Finding related to menstrual cycle (finding)]>(363714003  Interprets (attribute))->[364310004   Duration of menstrual cycle (observable entity)];	Postcoordinated Expression	3
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a  Observation procedure (procedure)]>(363702006  Has focus (attribute))->[373412001  Finding related to menstrual cycle (finding)]>(363714003  Interprets (attribute))->[398700009   Age at menarche (observable entity)];	Postcoordinated Expression	3
SNOMED CT	[ef690b6b-af0f-4d15-a3af-bfee01f88482  Counseling for use of safety helmet (procedure)	Use of Helmets	1

<sup>&</sup>lt;sup>a</sup>If a code is used multiple times in the KNART, only the display text of the first instance is shown.

<sup>&</sup>lt;sup>b</sup>Count of the number of times the given code system and code pair is used in the KNART.

# **Chapter 8. Behavior Symbols**

**Table 8.1. Group Organizational Behavior** 

Sym- bol	Name	Definition
#	Sentence Group	A group of related alternative actions is a sentence group if the item 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 that item. 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 item referenced by the action, and the two actions represent two 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".
#	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.
>	Visual Group	Any group marked with this behavior should be displayed as a visual group to the end user.

### **Table 8.2. Group Selection Behavior**

Sym- bol	Name	Definition
#	Any	Any number of the items in the group may be chosen, from zero to all.
#	All	All the items in the group must be selected as a single unit.
#	AllOrNone	All the items 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.
#	ExactlyOne	The end user must choose one and only one of the selectable items in the group. The user may not choose none of the items in the group.
•	AtMostOne	The end user may choose zero or at most one of the items in the group.
*	OneOrMore	The end user must choose a minimum of one, and as many additional as desired.

### **Table 8.3. Required Behavior**

Sym- bol	Name	Definition
*	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.

Sym- bol	Name	Definition
<b>♦</b>	Could	An action with this behavior may be included in the set of actions processed by the end user.
>	MustUnlessDocumented	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.

# **Table 8.4. Precheck Behavior**

Sym- bol	Name	Definition
•	Yes	An action with this behavior is one of the most frequent actions 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.

## **Table 8.5. Cardinality Behavior**

Sym- bol	Name	Definition
<b>•</b>	Single	An action with this behavior may only be completed once.
*	Multiple	An action with this behavior may be repeated multiple times.

## Table 8.6. Item Flags

Sym- bol	Name	Definition
<b>\$</b>	fillIn	This item, in a list entry, allows the user to enter a fill in value that is not present in the set of presented choices.

## Table 8.7. Read Only Behavior

Sym- bol	Name	Definition
#	true	For a particular action or action group, specifies whether the elements are read only.

# Appendix A. References

This appendix contains the list of related resources and supporting documents used in creating this KNART.

# **List of References**

# **Related Resources**

[CCWP] Women's Health: Well-Woman Visit Clinical Content White Paper

[CSD] Women's Health: Well-Woman Visit Documentation Template Conceptual Structure Document

[KVRpt] Women's Health: Well-Woman Visit Documentation Template KNART Validation Report

# **Supporting Evidence**

- [Hepatology. 2015] American Association for the Study of Liver Diseases and Infectious Diseases Society of America HCVGuidelines.org website. HCV Guidance: Recommendations for Testing, Managing, and Treating Hepatitis C: HCV Testing and Linkage to Care July 2016 (link [https://doi.org/10.1002/hep.27950])
- [ACOG 2017] American Congress of Obstetricians and Gynecologists (ACOG) American Congress of Obstetricians and Gynecologists website. Well-Woman Recommendations July 27, 2017 (link [https://www.acog.org/About-ACOG/ACOG-Departments/Annual-Womens-Health-Care/Well-Woman-Recommendations])
- [Diabetes Care. 2017] Standards of medical care in diabetes—2017. Diabetes Care. 2017;40(suppl 1):S1-S135. (link [])
- [CDC 2017] Centers for Disease Control and Prevention Advisory Committee on Immunization Practices Centers for Disease Control and Prevention website. Recommended Immunization Schedule for Adults Aged 19 Years or Older, United States, 2017 February 2017 (link [https://www.cdc.gov/vaccines/schedules/downloads/adult/adult-combined-schedule.pdf.])
- [VA 2017] U.S. Department of Veterans Affairs website. Get Recommended Screening Tests and Immunizations for Women May 2017 (link [https://www.prevention.va.gov/PREVENTION/Healthy\_Living/Get\_Recommended\_Screening\_Tests\_and\_Immunizations\_for\_Women.asp])
- [Oeffinger 2015] Oeffinger KC, Fontham ETH, Etzioni R, et al. Breast Cancer Screening for Women at Average Risk: 2015 Guideline Update From the American Cancer Society. JAMA. 2015;315(15):1599-1614 (link [https://doi.org/10.1001/jama.2015.12783])