

Women's Health: Reproductive Health Documentation Template

Documentation Tem- plate: Conceptual Structure

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

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Women's Health: Reproductive Health 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
May 30, 2018	Published
May 25, 2018	Published
May 17, 2018	Published
May 14, 2018	Reviewed
March 21, 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:rl	f19ba3ec-f99a-5db6-97fc-70262594b5cf	B54

Artifact Applicability

Table 4. Applicability Foci, Description and Codes

Focus	Description	Code System	Code	Value Set	Value Set Version
PatientAgeGroup	>=13 and <52 years of age.			N/A	N/A
PatientGender	Female	SNOMED CT	248152002 Female (finding)	N/A	N/A
ClinicalVenue	Outpatient	SNOMED CT	33022008 Hospital-based outpatient department (environment)	N/A	N/A
TargetUser	Primary Care	SNOMED CT	453231000124104 Primary care provider (occupation)	N/A	N/A
TargetUser	Designated women's health providers			N/A	N/A
TargetUser	Gynecologist			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. Disqualifications

Expression: type=elm:Retrieve , dataType=anf:TSR, codeProperty=code, dateProperty=datetime
Annotation:
Codes: elm:element[elm:Code]: [[a997cc03-3e99-40eb-833a-6374c7750a3a Observation procedure (procedure)] ->(363702006 Has focus (attribute))->[236886002 Hysterectomy (procedure)]]elm:element[elm:Code]: [[a997cc03-3e99-40eb-833a-6374c7750a3a Observation procedure (procedure)] ->(363702006 Has focus (attribute))->[76876009 Bilateral oophorectomy (procedure)]]elm:element[elm:Code]: [[a997cc03-3e99-40eb-833a-6374c7750a3a Observation procedure (procedure)] ->(363702006 Has focus (attribute))->[77543007 Ligation of fallopian tube (procedure)]]elm:element[elm:Code]: [[a997cc03-3e99-40eb-833a-6374c7750a3a Observation procedure (procedure)] ->(363702006 Has focus (attribute))->[76498008 Postmenopausal state (finding)]]elm:element[elm:Code]: [[a997cc03-3e99-40eb-833a-6374c7750a3a Observation procedure (procedure)] ->(363702006 Has focus (attribute))-d5d1c4f4-5d27-4e48-94b9-866c5c08f163 Failure to conceive (finding)]]

Triggers

No trigger definitions are present.

Chapter 2. Expression Definitions

Table 2.1. PatientAge

Expression: type=elm:SingletonFrom 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))->[105726004 Age AND/OR growth finding (finding)]]

Table 2.2. PatientGenderFemale

Expression: type=elm:SingletonFrom Annotation: Codes: elm:element[elm:Code]: [[a997cc03-3e99-40eb-833a-6374c7750a3a Observation proce- dure (procedure)] ->(363702006 Has focus (attribute))->[248152002 Female (finding)]]

Chapter 3. Knowledge Narrative

☐ Reason for visit?

prompt:

response: String (Single)

☐ Patient age

prompt:

response: Integer (Single)

initalValue: PatientAge

Chapter 4. Menstrual History

☐ Age at Menarche?

prompt:

item- [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)]- -
Code: >(363702006 |Has focus (attribute))->[373412001 |Finding related to menstrual cycle (finding)]- ->(363714003 |Interprets (attribute))->[398700009 |Age at menarche (observable entity)];

re- Integer (Single)

sponse:

☐ Date of Last Menstrual Period?

prompt:

re- Timestamp (Single)

sponse:

☐ Menstrual Cycle Pattern?

○ Regular

Represented Concepts: [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[302757007 |Regular periods (finding)]

⊗ prompt: Menstrual Cycle Pattern

response: String (Single)

initialValue: elm:Literal (String) Regular

⊗ prompt: Cycle duration (Days)

itemCode: [a997cc03-3e99-40eb-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: [a997cc03-3e99-40eb-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)];

response: Integer (Single)

○ Irregular

Represented Concepts: [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[80182007 |Irregular periods (finding)]

⊗ prompt: Menstrual Cycle Pattern

response: String (Single)

initialValue: elm:Literal (String) Irregular

⊗ prompt: Details

response: String (Single)

☐ Menstrual Symptoms?

☐

☐ prompt: Does the patient have Menstrual Symptoms

response: Boolean (Single)

☐ prompt: Details

response: String (Single)

☐ Additional Menstrual History

☐ prompt: Details

response: String (Single)

Chapter 5. Medical Ability to Conceive

☐ Does this patient have a medical reason that makes her permanently unable to conceive?

prompt:

response: Boolean (Single)

responseBinding: Property ("UnableToConceive")

Condition:elm:IsTrue (elm:Property("UnableToConceive"))

☐ Reason:

prompt:

response: String (Multiple)

response EnumerationConstraint (List)

range:

item: Hysterectomy([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[236886002 |Hysterectomy (procedure)])

item: Menopause([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[76498008 |Postmenopausal state (finding)])

item: Bilateral Oophorectomy([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[76876009 |Bilateral oophorectomy (procedure)])

item: Tubal Ligation([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[77543007 |Ligation of fallopian tube (procedure)])

☞ item: Other

Chapter 6. Reproductive History

☐ Prior pregnancies?



prompt:

item- [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] -(363702006 |
Code: Has focus (attribute))->[169563005 |Pregnant - on history (finding)]

re- Boolean (Single)

sponse:

☐ **Condition:**elm:Property

☐ prompt: Total number of pregnancies

itemCode: [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)]-
-(363702006 |Has focus (attribute))->[118185001 |Finding related to pregnancy
(finding)]- -(363714003 |Interprets (attribute))->[246211005 |Number of previous
pregnancies (observable entity)];

response: Integer (Single)

☐ ❖ Pregnancy Outcomes

☐ prompt: Pregnancy #?

response: Integer (Single)

☐ prompt: Pregnancy Outcome

response: String (Single)

response EnumerationConstraint (List)

range:

item: Vaginal delivery([a997cc03-3e99-40eb-833a-6374c7750a3a |Ob-
servation procedure (procedure)] -(363702006 |Has focus (at-
tribute))->[289259007 |Vaginal delivery (finding)])

item: Cesarean section(11466000 |Cesarean section (procedure))

item: Stillbirth([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation pro-
cedure (procedure)] -(363702006 |Has focus (attribute))->[237364002
|Stillbirth (finding)])

item: Spontaneous abortion([a997cc03-3e99-40eb-833a-6374c7750a3a |
Observation procedure (procedure)] -(363702006 |Has focus (at-
tribute))->[17369002 |Miscarriage (disorder)])

item: Elective abortion([a997cc03-3e99-40eb-833a-6374c7750a3a |Ob-
servation procedure (procedure)] -(363702006 |Has focus (at-
tribute))->[18391007 |Elective abortion (disorder)])

item: Ectopic pregnancy([a997cc03-3e99-40eb-833a-6374c7750a3a |
Observation procedure (procedure)] -(363702006 |Has focus (at-
tribute))->[34801009 |Ectopic pregnancy (disorder)])

item: Other

responseBinding: Property ("PregnancyOutcome")

☐ **Condition:**elm:Equal (elm:Property("PregnancyOutcome" from:
elm:ParameterRef(Responses)) elm:Literal())

Ectopic Pregnancy

☐ prompt: Medical treatment

response: String (Single)

☐ prompt: Surgical treatment

response: String (Single)

		<input type="checkbox"/> Condition: elm:Equal (elm:Property("PregnancyOutcome" from: elm:ParameterRef(Responses)) elm:Literal()) Other pregnancy outcome details
		<input type="checkbox"/> prompt: Other details response: String (Single)

☐ Currently breastfeeding?

prompt:

item- [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Code: Has focus (attribute))->[69840006 |Normal breast feeding (finding)]

re- Boolean (Single)

sponse:

☐ Prior contraceptive use

prompt:

re- String (Multiple)

sponse:

re- EnumerationConstraint (List)

sponse

range:

item: Intrauterine device([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[312081001 |Intrauterine device contraception (finding)])

item: Contraceptive implant([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[e6e70d12-6a1b-4c79-90d2-24a7ce9b9ccc |Contraception using drug-eluding contraceptive implant (finding)])

item: Contraceptive shot([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[268464009 |Depot contraception (finding)])

item: Contraceptive ring([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[450850003 |Uses vaginal hormone releasing ring (finding)])

item: Contraceptive pill([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[5935008 |Oral contraception (finding)])

item: Contraceptive patch([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[413116005 |Transdermal contraception (finding)])

item: Male condom([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[cb5f0704-7565-417c-afa1-568d79063070 |Contraception using male condom (finding)])

item: Female condom([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[228479001 |Uses a female condom (finding)])

item: Diaphragm([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[450851004 |Uses contraceptive diaphragm (finding)])

item: Cervical cap([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[25da3735-6132-49d7-9cb5-98a41885c90b |Contraception using cervical cap (finding)])

item: Contraceptive sponge([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[169530003 |Uses contraceptive sponge (finding)])

item: Spermicide([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[268466006 |Spermicidal contraception (finding)])

item: Natural family planning (e.g., lactational amenorrhea, rhythm, calendar, or cervical mucus methods)(718701005 |Natural family planning method (regime/therapy))

item: Nothing

☐ Current contraceptive use

prompt:

re- String (Multiple)

sponse:

re- EnumerationConstraint (List)

sponse

range:

item: Intrauterine device([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[312081001 |Intrauterine device contraception (finding)])

item: Contraceptive implant([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[e6e70d12-6a1b-4c79-90d2-24a7ce9b9ccc |Contraception using drug-eluting contraceptive implant (finding)])

item: Contraceptive shot([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[268464009 |Depot contraception (finding)])

item: Contraceptive ring([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[450850003 |Uses vaginal hormone releasing ring (finding)])

item: Contraceptive pill([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[5935008 |Oral contraception (finding)])

item: Contraceptive patch([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[413116005 |Transdermal contraception (finding)])

item: Male condom([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[cb5f0704-7565-417c-afa1-568d79063070 |Contraception using male condom (finding)])

item: Female condom([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[228479001 |Uses a female condom (finding)])

item: Diaphragm([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[450851004 |Uses contraceptive diaphragm (finding)])

item: Cervical cap([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[25da3735-6132-49d7-9cb5-98a41885c90b |Contraception using cervical cap (finding)])

item: Contraceptive sponge([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[169530003 |Uses contraceptive sponge (finding)])

item: Spermicide([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[268466006 |Spermicidal contraception (finding)])

item: Natural family planning (e.g., lactational amenorrhea, rhythm, calendar, or cervical mucus methods)(718701005 |Natural family planning method (regime/therapy))

item: Nothing

☐ Prior emergency contraception use?

prompt:

item- [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Code: Has focus (attribute))->[275813002 |Emergency contraception (finding)]

re- Boolean (Single)

sponse:

Condition:elm:Property

☐ Emergency contraception use details

prompt:

re- String (Single)

sponse:

Chapter 7. Sexual History

☐ Sexually Active?

prompt:

item- [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] -

Code: >(363702006 |Has focus (attribute))->[228453005 |Sexually active (finding)]

re- Boolean (Single)

sponse:

☐ **Condition:**elm:Property

☐ prompt: Gender Identity

response: String (Single)

☐ prompt: Sexual Orientation

response: String (Single)

☐ prompt: Sexual practices

response: String (Multiple)

response range: EnumerationConstraint (List)

item: Vaginal sex([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[229012002 |Vaginal penetration (finding)])

item: Anal sex([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[2145000 |Anal penetration (finding)])

item: Oral sex([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[73666000 |Oral-genital stimulation (finding)])

☞ item: Other

☐ prompt: Types of Sexual Partner(s)

response: String (Single)

response range: EnumerationConstraint (List)

item: Men([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[43b09307-453c-488a-acba-bbf3a39534cb |Male sexual partner type (finding)])

item: Women([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[405504bc-1098-47b6-9154-e87306e47d5b |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)

☐ prompt: 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 ("PriorSTD")

Condition:elm:Property

☐ prompt: Prior STD details

response: String (Single)

Condition:elm:Not (elm:Property("PriorSTD"))

☐ prompt: Types of Contraceptives/Sexually Transmitted Infection Prevention Used

response: String (Single)

☐ prompt: High-risk sexual behaviors?

itemCode: [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[102947004 |High risk sexual behavior (finding)]

response: Boolean (Single)

Condition:elm:Property

☐ prompt: High-risk sexual behaviors details

response: String (Single)

Chapter 8. Medical/Surgical History

☐ Current or prior medical problems?

prompt:

re- Boolean (Single)

sponse:

Condition:elm:Property

☐ Description of medical problems

prompt:

re- String (Single)

sponse:

☐ Mental Health History

prompt:

re- String (Multiple)

sponse:

re- EnumerationConstraint (List)

sponse

range:

item: Anxiety([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))>[48694002 |Anxiety (finding)])

item: Depression([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))>[35489007 |Depressive disorder (disorder)])

item: Eating Disorder([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))>[72366004 |Eating disorder (disorder)])

item: Schizophrenia([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))>[58214004 |Schizophrenia (disorder)])

item: Bi-Polar Disorder([a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))>[13746004 |Bipolar disorder (disorder)])

☞ Other

item:

☐ Prior surgeries?

prompt:

item- 387713003 |Surgical procedure (procedure)|

Code:

re- Boolean (Single)

sponse:

☐ **Condition:**elm:Property

☐ prompt: Date of surgery

response: Timestamp (Single)

☐ prompt: Surgical description

response: String (Single)

Chapter 9. Social History

☐ Substance Use History

☐ 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)

☐ **Condition:**elm:Property

☐ prompt: Link to Tobacco Screening and Cessation Counseling KNART

response: URL (Single)

☐ prompt: Alcohol Use?

itemCode: [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[704197006 |Admits alcohol use (finding)]

response: Boolean (Single)

☐ **Condition:**elm:Property

☐ prompt: Alcohol use details

response: String (Single)

☐ prompt: Link to Substance Use KNART (not currently available).

response: URL (Single)

☐ prompt: Rehabilitation or detoxification?

itemCode: 52052004 |Rehabilitation therapy (regime/therapy)|

itemCode: 67516001 |Detoxification therapy (regime/therapy)|

response: Boolean (Single)

☐ **Condition:**elm:Property

☐ prompt: Rehabilitation or detoxification details

response: String (Single)

☐ prompt: Cocaine Use?

itemCode: [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[733461000 |Cocaine user (finding)]

response: Boolean (Single)

☐ **Condition:**elm:Property

☐ prompt: Cocaine use details

response: String (Single)

☐ prompt: Link to Substance Use KNART (not currently available).

response: URL (Single)

☐ prompt: Other substance use history

response: Boolean (Single)

☐ **Condition:**elm:Property

☐ prompt: Other substance use details

response: String (Single)

☐ prompt: Link to Substance Use KNART (not currently available).

	response: URL (Single)
<input type="checkbox"/> Homeless	
prompt:	
item- [a997cc03-3e99-40eb-833a-6374c7750a3a Observation procedure (procedure)] ->(363702006	
Code: [Has focus (attribute))>[32911000 Homeless (finding)]	
re- Boolean (Single)	
sponse:	
<input type="checkbox"/> Condition: elm:Property	
<input type="checkbox"/> prompt: Homeless details	
response: String (Single)	
<input type="checkbox"/> Unstable Home Environment?	
prompt:	
item- [a997cc03-3e99-40eb-833a-6374c7750a3a Observation procedure (procedure)] ->(363702006	
Code: [Has focus (attribute))>[276104006 Home unsettled (finding)]	
re- Boolean (Single)	
sponse:	
<input type="checkbox"/> Condition: elm:Property	
<input type="checkbox"/> prompt: Home environment details	
response: String (Single)	
<input type="checkbox"/> Geographically Remote (40+ Mile Drive to Medical Care?	
prompt:	
item- [a997cc03-3e99-40eb-833a-6374c7750a3a Observation procedure (procedure)] ->(363702006	
Code: [Has focus (attribute))>[b0549379-fc0b-45dc-8a84-befe666432f5 Residence remote from	
medical facility (finding)]	
re- Boolean (Single)	
sponse:	
<input type="checkbox"/> Condition: elm:Property	
<input type="checkbox"/> prompt: Remote location details	
response: String (Single)	
<input type="checkbox"/> Neglect and Abuse History?	
prompt:	
item- [a997cc03-3e99-40eb-833a-6374c7750a3a Observation procedure (procedure)] ->(363702006	
Code: [Has focus (attribute))>[95930005 Victim of neglect (finding)]	
re- Boolean (Single)	
sponse:	
<input type="checkbox"/> Condition: elm:Property	
<input type="checkbox"/> prompt: Sexual	
itemCode: [a997cc03-3e99-40eb-833a-6374c7750a3a Observation procedure (proce-	
dure)] ->(363702006 Has focus (attribute))>[225826001 Victim of sexual	
abuse (finding)]	
response: Boolean (Single)	
Condition: elm:Property	
<input type="checkbox"/> prompt: Sexual abuse details	
response: String (Single)	
<input type="checkbox"/> prompt: Physical	

itemCode: [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006 |Has focus (attribute))->[225824003 |Victim of physical abuse (finding)]

response: Boolean (Single)

Condition:elm:Property

☐ 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)

Condition:elm:Property

☐ prompt: Emotional abuse details

response: String (Single)

☐ Additional Social history

prompt:

re- String (Single)

sponse:

Chapter 10. Pertinent Family Medical History

☐ Endometriosis?

prompt:

item- [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006
Code: |Has focus (attribute))->[129103003 |Endometriosis (disorder)]

re- Boolean (Single)

sponse:

responseBinding: Property ("familyHasEndometriosis")

☐ **Condition:**elm:Property

Affected Family Members

☐ prompt: Sister

itemCode: 27733009 |Sister (person)|

response: Boolean (Single)

responseBinding: Property ("sister")

☐ **Condition:**elm:Property

☐ prompt: Age at Diagnosis

response: Integer (Single)

☐ prompt: Detail

response: String (Single)

☐ prompt: Daughter

itemCode: 66089001 |Daughter (person)|

response: Boolean (Single)

☐

☐ prompt: Age at Diagnosis

response: Integer (Single)

☐ prompt: Detail

response: String (Single)

☐ prompt: Mother

itemCode: 72705000 |Mother (person)|

response: Boolean (Single)

responseBinding: Property ("mother")

☐ **Condition:**elm:Property

☐ prompt: Age at Diagnosis

response: Integer (Single)

☐ prompt: Detail

response: String (Single)

☐ prompt: Maternal Grandmother

itemCode: 394859001 |Maternal grandmother (person)|

response: Boolean (Single)

responseBinding: Property ("MaternalGrandmother")

☐ **Condition:**elm:Property

<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single)	<input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Maternal Half-Sister itemCode: 719765007 Maternal half sister (person) response: Boolean (Single)	
responseBinding: Property ("MaternalHalfSister")	
<input type="checkbox"/> Condition: elm:Property	
<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single)	<input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Maternal Aunt itemCode: 736454006 Maternal aunt (person) response: Boolean (Single)	
responseBinding: Property ("MaternalAunt")	
<input type="checkbox"/> Condition: elm:Property	
<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single)	<input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Paternal Grandmother itemCode: 394858009 Paternal grandmother (person) response: Boolean (Single)	
responseBinding: Property ("PaternalGrandmother")	
<input type="checkbox"/> Condition: elm:Property	
<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single)	<input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Paternal Half-Sister itemCode: 719764006 Paternal half sister (person) response: Boolean (Single)	
responseBinding: Property ("PaternalHalfSister")	
<input type="checkbox"/> Condition: elm:Property	
<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single)	<input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Paternal Aunt itemCode: 736455007 Paternal aunt (person) response: Boolean (Single)	

<input type="checkbox"/>	Condition: elm:Property
<input type="checkbox"/>	prompt: Age at Diagnosis response: Integer (Single)
<input type="checkbox"/>	prompt: Detail response: String (Single)
<input type="checkbox"/> Polycystic Ovarian Syndrome?	
prompt:	
item- [a997cc03-3e99-40eb-833a-6374c7750a3a Observation procedure (procedure)] ->(363702006 Code: Has focus (attribute))->[69878008 Polycystic ovaries (disorder)]	
re- Boolean (Single)	
sponse:	
<input type="checkbox"/>	Condition: elm:Property
Affected Family Members	
<input type="checkbox"/>	
<input type="checkbox"/>	prompt: Sister response: Boolean (Single)
responseBinding: Property ("Sister")	
<input type="checkbox"/>	Condition: elm:Property
<input type="checkbox"/>	prompt: Age at Diagnosis response: Integer (Single)
<input type="checkbox"/>	prompt: Detail response: String (Single)
<input type="checkbox"/>	prompt: Daughter response: Boolean (Single)
responseBinding: Property ("Daughter")	
<input type="checkbox"/>	Condition: elm:Property
<input type="checkbox"/>	prompt: Age at Diagnosis response: Integer (Single)
<input type="checkbox"/>	prompt: Detail response: String (Single)
<input type="checkbox"/>	prompt: Mother response: Boolean (Single)
<input type="checkbox"/>	Condition: elm:Property
<input type="checkbox"/>	prompt: Age at Diagnosis response: Integer (Single)
<input type="checkbox"/>	prompt: Detail response: String (Single)
<input type="checkbox"/>	prompt: Maternal Grandmother response: Boolean (Single)
<input type="checkbox"/>	Condition: elm:Property
<input type="checkbox"/>	prompt: Age at Diagnosis response: Integer (Single)
<input type="checkbox"/>	prompt: Detail response: String (Single)

☐ prompt: Maternal Half-Sister

response: Boolean (Single)

☐ **Condition:**elm:Property

☐ prompt: Age at Diagnosis

response: Integer (Single)

☐ prompt: Detail

response: String (Single)

☐ prompt: Maternal Aunt

response: Boolean (Single)

☐ **Condition:**elm:Property

☐ prompt: Age at Diagnosis

response: Integer (Single)

☐ prompt: Detail

response: String (Single)

☐ prompt: Paternal Grandmother

response: Boolean (Single)

☐ **Condition:**elm:Property

☐ prompt: Age at Diagnosis

response: Integer (Single)

☐ prompt: Detail

response: String (Single)

☐ prompt: Paternal Half-Sister

response: Boolean (Single)

☐ **Condition:**elm:Property

☐ prompt: Age at Diagnosis

response: Integer (Single)

☐ prompt: Detail

response: String (Single)

☐ prompt: Paternal Aunt

response: Boolean (Single)

responseBinding: Property ("PaternalAunt")

☐ **Condition:**elm:Property

☐ prompt: Age at Diagnosis

response: Integer (Single)

☐ prompt: Detail

response: String (Single)

☐ Uterine Fibroids?

prompt:

item- [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006
Code: |Has focus (attribute))->[95315005 |Uterine leiomyoma (disorder)]

re- Boolean (Single)

sponse:

responseBinding: Property ("Has Uterine Fibroids")

☐ **Condition:**elm:Property

Affected Family Members	
<input type="checkbox"/>	
<input type="checkbox"/> prompt: Sister	
response: Boolean (Single)	
responseBinding: Property ("Sister")	
<input type="checkbox"/> Condition: elm:Property	
<input type="checkbox"/> prompt: Age at Diagnosis	
response: Integer (Single)	
<input type="checkbox"/> prompt: Detail	
response: String (Single)	
<input type="checkbox"/> prompt: Daughter	
response: Boolean (Single)	
responseBinding: Property ("Daughter")	
<input type="checkbox"/> Condition: elm:Property	
<input type="checkbox"/> prompt: Age at Diagnosis	
response: Integer (Single)	
<input type="checkbox"/> prompt: Detail	
response: String (Single)	
<input type="checkbox"/> prompt: Mother	
response: Boolean (Single)	
responseBinding: Property ("Mother")	
<input type="checkbox"/> Condition: elm:Property	
<input type="checkbox"/> prompt: Age at Diagnosis	
response: Integer (Single)	
<input type="checkbox"/> prompt: Detail	
response: String (Single)	
<input type="checkbox"/> prompt: Maternal Grandmother	
response: Boolean (Single)	
responseBinding: Property ("MaternalGrandmother")	
<input type="checkbox"/> Condition: elm:Property	
<input type="checkbox"/> prompt: Age at Diagnosis	
response: Integer (Single)	
<input type="checkbox"/> prompt: Detail	
response: String (Single)	
<input type="checkbox"/> prompt: Maternal Half-Sister	
response: Boolean (Single)	
responseBinding: Property ("MaternalHalfSister")	
<input type="checkbox"/> Condition: elm:Property	
<input type="checkbox"/> prompt: Age at Diagnosis	
response: Integer (Single)	
<input type="checkbox"/> prompt: Detail	
response: String (Single)	
<input type="checkbox"/> prompt: Maternal Aunt	

response: Boolean (Single)	
responseBinding: Property ("MaternalAunt")	
<input type="checkbox"/>	Condition: elm:Property <hr/> <input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/>	prompt: Paternal Grandmother
response: Boolean (Single)	
responseBinding: Property ("PaternalGrandmother")	
<input type="checkbox"/>	Condition: elm:Property <hr/> <input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/>	prompt: Paternal Half-Sister
response: Boolean (Single)	
responseBinding: Property ("PaternalHalfSister")	
<input type="checkbox"/>	Condition: elm:Property <hr/> <input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/>	prompt: Paternal Aunt
response: Boolean (Single)	
responseBinding: Property ("PaternalAunt")	
<input type="checkbox"/>	Condition: elm:Property <hr/> <input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> Other Gynecological Conditions?	
prompt:	
re- Boolean (Single)	
sponse:	
responseBinding: Property ("FHxOtherGyn")	
<input type="checkbox"/>	Condition: elm:Property Affected Family Members <hr/> <input type="checkbox"/>
<input type="checkbox"/>	prompt: Sister response: Boolean (Single)
<input type="checkbox"/>	Condition: elm:Property <hr/> <input type="checkbox"/> prompt: Age at Diagnosis

	response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Daughter	response: Boolean (Single)
responseBinding: Property ("Daughter")	
<input type="checkbox"/> Condition: elm:Property	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Mother	response: Boolean (Single)
responseBinding: Property ("Mother")	
<input type="checkbox"/> Condition: elm:Property	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Maternal Grandmother	response: Boolean (Single)
responseBinding: Property ("MaternalGrandmother")	
<input type="checkbox"/> Condition: elm:Property	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Maternal Half-Sister	response: Boolean (Single)
responseBinding: Property ("MaternalHalfSister")	
<input type="checkbox"/> Condition: elm:Property	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Maternal Aunt	response: Boolean (Single)
responseBinding: Property ("MaternalAunt")	
<input type="checkbox"/> Condition: elm:Property	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)

<input type="checkbox"/> prompt: Paternal Grandmother response: Boolean (Single) responseBinding: Property ("PaternalGrandmother")	<input type="checkbox"/> Condition: elm:Property
<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)	
<input type="checkbox"/> prompt: Paternal Half-Sister response: Boolean (Single) responseBinding: Property ("PaternalHalfSister")	<input type="checkbox"/> Condition: elm:Property
<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)	
<input type="checkbox"/> prompt: Paternal Aunt response: Boolean (Single) responseBinding: Property ("PaternalAunt")	<input type="checkbox"/> Condition: elm:Property
<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)	
<input type="checkbox"/> Diabetes Mellitus? prompt: item- [a997cc03-3e99-40eb-833a-6374c7750a3a Observation procedure (procedure)] -(363702006 Code: Has focus (attribute))->[73211009 Diabetes mellitus (disorder)] re- Boolean (Single) sponse: responseBinding: Property ("FHxDM")	
<input type="checkbox"/> Condition: elm:Property Affected Family Members	<input type="checkbox"/>
<input type="checkbox"/> prompt: Sister response: Boolean (Single)	<input type="checkbox"/> Condition: elm:Property
<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)	
<input type="checkbox"/> prompt: Brother	

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

response: Boolean (Single)

☐ **Condition:**elm:Property

☐ prompt: Age at Diagnosis
response: Integer (Single)

☐ prompt: Detail
response: String (Single)

☐ prompt: Daughter

response: Boolean (Single)

☐ **Condition:**elm:Property

☐ prompt: Age at Diagnosis
response: Integer (Single)

☐ prompt: Detail
response: String (Single)

☐ prompt: Son

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

response: Boolean (Single)

☐ **Condition:**elm:Property

☐ prompt: Age at Diagnosis
response: Integer (Single)

☐ prompt: Detail
response: String (Single)

☐ prompt: Mother

response: Boolean (Single)

☐ **Condition:**elm:Property

☐ prompt: Age at Diagnosis
response: Integer (Single)

☐ prompt: Detail
response: String (Single)

☐ prompt: Maternal Grandmother

response: Boolean (Single)

responseBinding: Property ("MaternalGrandmother")

☐ **Condition:**elm:Property

☐ prompt: Age at Diagnosis
response: Integer (Single)

☐ prompt: Detail
response: String (Single)

☐ prompt: Maternal Grandfather

itemCode: 394857004 |Maternal grandfather (person)|

response: Boolean (Single)

<input type="checkbox"/>	Condition: elm:Property
<input type="checkbox"/>	prompt: Age at Diagnosis response: Integer (Single)
<input type="checkbox"/>	prompt: Detail response: String (Single)
<input type="checkbox"/>	prompt: Maternal Half-Sister response: Boolean (Single)
<input type="checkbox"/>	Condition: elm:Property
<input type="checkbox"/>	prompt: Age at Diagnosis response: Integer (Single)
<input type="checkbox"/>	prompt: Detail response: String (Single)
<input type="checkbox"/>	prompt: Maternal Half-Brother itemCode: 719766008 Maternal half brother (person) response: Boolean (Single)
<input type="checkbox"/>	Condition: elm:Property
<input type="checkbox"/>	prompt: Age at Diagnosis response: Integer (Single)
<input type="checkbox"/>	prompt: Detail response: String (Single)
<input type="checkbox"/>	prompt: Maternal Aunt response: Boolean (Single)
responseBinding: Property ("MaternalAunt")	
<input type="checkbox"/>	Condition: elm:Property
<input type="checkbox"/>	prompt: Age at Diagnosis response: Integer (Single)
<input type="checkbox"/>	prompt: Detail response: String (Single)
<input type="checkbox"/>	prompt: Maternal Uncle itemCode: 442031000124102 Maternal uncle (person) response: Boolean (Single)
responseBinding: Property ("MaternalUncle")	
<input type="checkbox"/>	Condition: elm:Property
<input type="checkbox"/>	prompt: Age at Diagnosis response: Integer (Single)
<input type="checkbox"/>	prompt: Detail response: String (Single)
<input type="checkbox"/>	prompt: Father itemCode: 6839005 Father (person) response: Boolean (Single)
<input type="checkbox"/>	Condition: elm:Property
<input type="checkbox"/>	prompt: Age at Diagnosis response: Integer (Single)

<input type="checkbox"/>	prompt: Detail response: String (Single)
<input type="checkbox"/>	prompt: Paternal Grandmother response: Boolean (Single)
responseBinding: Property ("PaternalGrandmother")	
<input type="checkbox"/>	Condition: elm:Property
<input type="checkbox"/>	prompt: Age at Diagnosis response: Integer (Single)
<input type="checkbox"/>	prompt: Detail response: String (Single)
<input type="checkbox"/>	prompt: Paternal GrandFather itemCode: 394856008 Paternal grandfather (person) response: Boolean (Single)
responseBinding: Property ("PaternalGrandFather")	
<input type="checkbox"/>	Condition: elm:Property
<input type="checkbox"/>	prompt: Age at Diagnosis response: Integer (Single)
<input type="checkbox"/>	prompt: Detail response: String (Single)
<input type="checkbox"/>	prompt: Paternal Half-Sister response: Boolean (Single)
responseBinding: Property ("PaternalHalfSister")	
<input type="checkbox"/>	Condition: elm:Property
<input type="checkbox"/>	prompt: Age at Diagnosis response: Integer (Single)
<input type="checkbox"/>	prompt: Detail response: String (Single)
<input type="checkbox"/>	prompt: Paternal Half-Brother itemCode: 719762005 Paternal half brother (person) response: Boolean (Single)
<input type="checkbox"/>	Condition: elm:Property
<input type="checkbox"/>	prompt: Age at Diagnosis response: Integer (Single)
<input type="checkbox"/>	prompt: Detail response: String (Single)
<input type="checkbox"/>	prompt: Paternal Aunt response: Boolean (Single)
<input type="checkbox"/>	Condition: elm:Property
<input type="checkbox"/>	prompt: Age at Diagnosis response: Integer (Single)
<input type="checkbox"/>	prompt: Detail response: String (Single)
<input type="checkbox"/>	prompt: Paternal Uncle

<p>itemCode: [a997cc03-3e99-40eb-833a-6374c7750a3a Observation procedure (procedure)] ->(363702006 Has focus (attribute))->[73211009 Diabetes mellitus (disorder)]</p> <p>response: Boolean (Single)</p> <p><input type="checkbox"/> Condition:elm:Property</p>	<p><input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single)</p> <p><input type="checkbox"/> prompt: Detail response: String (Single)</p>
<p><input type="checkbox"/> Hypertension?</p>	
<p>prompt:</p> <p>item- [a997cc03-3e99-40eb-833a-6374c7750a3a Observation procedure (procedure)] ->(363702006 Code: Has focus (attribute))->[38341003 Hypertensive disorder, systemic arterial (disorder)]</p> <p>re- Boolean (Single)</p> <p>sponse:</p>	
<p><input type="checkbox"/> Condition:elm:Property</p>	
<p>Affected Family Members</p>	
<p><input type="checkbox"/></p>	
<p><input type="checkbox"/> prompt: Sister response: Boolean (Single)</p>	
<p><input type="checkbox"/> Condition:elm:Property</p>	
<p><input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single)</p> <p><input type="checkbox"/> prompt: Detail response: String (Single)</p>	
<p><input type="checkbox"/> prompt: Brother response: Boolean (Single)</p>	
<p><input type="checkbox"/> Condition:elm:Property</p>	
<p><input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single)</p> <p><input type="checkbox"/> prompt: Detail response: String (Single)</p>	
<p><input type="checkbox"/> prompt: Daughter response: Boolean (Single)</p>	
<p><input type="checkbox"/> Condition:elm:Property</p>	
<p><input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single)</p> <p><input type="checkbox"/> prompt: Detail response: String (Single)</p>	
<p><input type="checkbox"/> prompt: Son response: Boolean (Single)</p>	
<p><input type="checkbox"/> Condition:elm:Property</p>	
<p><input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single)</p>	

	<input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Mother	response: Boolean (Single)
<input type="checkbox"/> Condition: elm:Property	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Maternal Grandmother	response: Boolean (Single)
<input type="checkbox"/> Condition: elm:Property	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Maternal Grandfather	response: Boolean (Single)
<input type="checkbox"/> Condition: elm:Property	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Maternal Half-Sister	response: Boolean (Single)
<input type="checkbox"/> Condition: elm:Property	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Maternal Half-Brother	response: Boolean (Single)
<input type="checkbox"/> Condition: elm:Property	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Maternal Aunt	response: Boolean (Single)
<input type="checkbox"/> Condition: elm:Property	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail

	response: String (Single)
<input type="checkbox"/> prompt: Maternal Uncle	
response: Boolean (Single)	
<input type="checkbox"/> Condition: elm:Property	
<input type="checkbox"/> prompt: Age at Diagnosis	response: Integer (Single)
<input type="checkbox"/> prompt: Detail	response: String (Single)
<input type="checkbox"/> prompt: Father	
response: Boolean (Single)	
<input type="checkbox"/> Condition: elm:Property	
<input type="checkbox"/> prompt: Age at Diagnosis	response: Integer (Single)
<input type="checkbox"/> prompt: Detail	response: String (Single)
<input type="checkbox"/> prompt: Paternal Grandmother	
response: Boolean (Single)	
<input type="checkbox"/> Condition: elm:Property	
<input type="checkbox"/> prompt: Age at Diagnosis	response: Integer (Single)
<input type="checkbox"/> prompt: Detail	response: String (Single)
<input type="checkbox"/> prompt: Paternal GrandFather	
response: Boolean (Single)	
<input type="checkbox"/> Condition: elm:Property	
<input type="checkbox"/> prompt: Age at Diagnosis	response: Integer (Single)
<input type="checkbox"/> prompt: Detail	response: String (Single)
<input type="checkbox"/> prompt: Paternal Half-Sister	
response: Boolean (Single)	
<input type="checkbox"/> Condition: elm:Property	
<input type="checkbox"/> prompt: Age at Diagnosis	response: Integer (Single)
<input type="checkbox"/> prompt: Detail	response: String (Single)
<input type="checkbox"/> prompt: Paternal Half-Brother	
response: Boolean (Single)	
<input type="checkbox"/> Condition: elm:Property	
<input type="checkbox"/> prompt: Age at Diagnosis	response: Integer (Single)
<input type="checkbox"/> prompt: Detail	response: String (Single)

<input type="checkbox"/> prompt: Paternal Aunt response: Boolean (Single)	<input type="checkbox"/> Condition: elm:Property
	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Paternal Uncle response: Boolean (Single)	<input type="checkbox"/> Condition: elm:Property
	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> Cardiovascular Disease?	
prompt: item- [a997cc03-3e99-40eb-833a-6374c7750a3a Observation procedure (procedure)] ->(363702006 Code: [Has focus (attribute))>[38341003 Hypertensive disorder, systemic arterial (disorder)] re- Boolean (Single) sponse:	
<input type="checkbox"/> Condition: elm:Property Affected Family Members	
<input type="checkbox"/>	
<input type="checkbox"/> prompt: Sister response: Boolean (Single)	<input type="checkbox"/> Condition: elm:Property
	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Brother response: Boolean (Single)	<input type="checkbox"/> Condition: elm:Property
	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Daughter response: Boolean (Single)	<input type="checkbox"/> Condition: elm:Property
	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)

☐ prompt: Son

response: Boolean (Single)

☐ **Condition:**elm:Property

☐ prompt: Age at Diagnosis

response: Integer (Single)

☐ prompt: Detail

response: String (Single)

☐ prompt: Mother

response: Boolean (Single)

☐ **Condition:**elm:Property

☐ prompt: Age at Diagnosis

response: Integer (Single)

☐ prompt: Detail

response: String (Single)

☐ prompt: Maternal Grandmother

response: Boolean (Single)

☐ **Condition:**elm:Property

☐ prompt: Age at Diagnosis

response: Integer (Single)

☐ prompt: Detail

response: String (Single)

☐ prompt: Maternal Grandfather

response: Boolean (Single)

☐ **Condition:**elm:Property

☐ prompt: Age at Diagnosis

response: Integer (Single)

☐ prompt: Detail

response: String (Single)

☐ prompt: Maternal Half-Sister

response: Boolean (Single)

☐ **Condition:**elm:Property

☐ prompt: Age at Diagnosis

response: Integer (Single)

☐ prompt: Detail

response: String (Single)

☐ prompt: Maternal Half-Brother

response: Boolean (Single)

☐ **Condition:**elm:Property

☐ prompt: Age at Diagnosis

response: Integer (Single)

☐ prompt: Detail

response: String (Single)

☐ prompt: Maternal Aunt

response: Boolean (Single)

☐ **Condition:**elm:Property

☐ prompt: Age at Diagnosis

response: Integer (Single)

☐ prompt: Detail

response: String (Single)

☐ prompt: Maternal Uncle

response: Boolean (Single)

☐ **Condition:**elm:Property

☐ prompt: Age at Diagnosis

response: Integer (Single)

☐ prompt: Detail

response: String (Single)

☐ prompt: Father

response: Boolean (Single)

☐ **Condition:**elm:Property

☐ prompt: Age at Diagnosis

response: Integer (Single)

☐ prompt: Detail

response: String (Single)

☐ prompt: Paternal Grandmother

response: Boolean (Single)

☐ **Condition:**elm:Property

☐ prompt: Age at Diagnosis

response: Integer (Single)

☐ prompt: Detail

response: String (Single)

☐ prompt: Paternal GrandFather

response: Boolean (Single)

☐ **Condition:**elm:Property

☐ prompt: Age at Diagnosis

response: Integer (Single)

☐ prompt: Detail

response: String (Single)

☐ prompt: Paternal Half-Sister

response: Boolean (Single)

☐ **Condition:**elm:Property

☐ prompt: Age at Diagnosis

response: Integer (Single)

☐ prompt: Detail

response: String (Single)

☐ prompt: Paternal Half-Brother

response: Boolean (Single)

<input type="checkbox"/> Condition: elm:Property	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single)	
	<input type="checkbox"/> prompt: Detail response: String (Single)	
	<input type="checkbox"/> prompt: Paternal Aunt response: Boolean (Single)	
	<input type="checkbox"/> Condition: elm:Property	
<input type="checkbox"/> Condition: elm:Property	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single)	
	<input type="checkbox"/> prompt: Detail response: String (Single)	
	<input type="checkbox"/> prompt: Paternal Uncle response: Boolean (Single)	
	<input type="checkbox"/> Condition: elm:Property	
<input type="checkbox"/> Condition: elm:Property	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single)	
	<input type="checkbox"/> prompt: Detail response: String (Single)	
	<input type="checkbox"/> Venous Thromboembolism? prompt: item- [a997cc03-3e99-40eb-833a-6374c7750a3a Observation procedure (procedure)] ->(363702006 Code: [Has focus (attribute)]->[429098002 Thromboembolism of vein (disorder)] re- Boolean (Single) sponse:	
	<input type="checkbox"/> Condition: elm:Property Affected Family Members	
<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/> prompt: Sister response: Boolean (Single)	
	<input type="checkbox"/> Condition: elm:Property	
	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single)	
<input type="checkbox"/> Condition: elm:Property	<input type="checkbox"/> prompt: Detail response: String (Single)	
	<input type="checkbox"/> prompt: Brother response: Boolean (Single)	
	<input type="checkbox"/> Condition: elm:Property	
	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single)	
<input type="checkbox"/> Condition: elm:Property	<input type="checkbox"/> prompt: Detail response: String (Single)	
	<input type="checkbox"/> prompt: Daughter response: Boolean (Single)	

<input type="checkbox"/>	Condition: elm:Property
	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single)
	<input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/>	prompt: Son
	response: Boolean (Single)
<input type="checkbox"/>	Condition: elm:Property
	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single)
	<input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/>	prompt: Mother
	response: Boolean (Single)
<input type="checkbox"/>	Condition: elm:Property
	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single)
	<input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/>	prompt: Maternal Grandmother
	response: Boolean (Single)
<input type="checkbox"/>	Condition: elm:Property
	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single)
	<input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/>	prompt: Maternal Grandfather
	response: Boolean (Single)
<input type="checkbox"/>	Condition: elm:Property
	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single)
	<input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/>	prompt: Maternal Half-Sister
	response: Boolean (Single)
<input type="checkbox"/>	Condition: elm:Property
	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single)
	<input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/>	prompt: Maternal Half-Brother
	response: Boolean (Single)
<input type="checkbox"/>	Condition: elm:Property

	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single)
	<input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Maternal Aunt response: Boolean (Single)	<input type="checkbox"/> Condition:elm:Property
	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single)
	<input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Maternal Uncle response: Boolean (Single)	<input type="checkbox"/> Condition:elm:Property
	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single)
	<input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Father response: Boolean (Single)	<input type="checkbox"/> Condition:elm:Property
	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single)
	<input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Paternal Grandmother response: Boolean (Single)	<input type="checkbox"/> Condition:elm:Property
	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single)
	<input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Paternal GrandFather response: Boolean (Single)	<input type="checkbox"/> Condition:elm:Property
	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single)
	<input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Paternal Half-Sister response: Boolean (Single)	<input type="checkbox"/> Condition:elm:Property
	<input type="checkbox"/> prompt: Age at Diagnosis

	response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Paternal Half-Brother	response: Boolean (Single) <input type="checkbox"/> Condition: elm:Property
	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Paternal Aunt	response: Boolean (Single) <input type="checkbox"/> Condition: elm:Property
	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Paternal Uncle	response: Boolean (Single) <input type="checkbox"/> Condition: elm:Property
	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> Colorectal, Breast, Ovarian, or Uterine Cancer?	
prompt:	
item- [a997cc03-3e99-40eb-833a-6374c7750a3a Observation procedure (procedure)] ->(363702006 Code: [Has focus (attribute)]->[363510005 Malignant tumor of large intestine (disorder)]	
item- [a997cc03-3e99-40eb-833a-6374c7750a3a Observation procedure (procedure)] ->(363702006 Code: [Has focus (attribute)]->[254837009 Malignant neoplasm of breast (disorder)]	
item- [a997cc03-3e99-40eb-833a-6374c7750a3a Observation procedure (procedure)] ->(363702006 Code: [Has focus (attribute)]->[363443007 Malignant tumor of ovary (disorder)]	
item- [a997cc03-3e99-40eb-833a-6374c7750a3a Observation procedure (procedure)] ->(363702006 Code: [Has focus (attribute)]->[371973000 Malignant neoplasm of uterus (disorder)]	
re- Boolean (Single)	
sponse:	
<input type="checkbox"/> Condition: elm:Property	Affected Family Members
<input type="checkbox"/>	
<input type="checkbox"/> prompt: Sister	response: Boolean (Single) <input type="checkbox"/> Condition: elm:Property
	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single)

	<input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Brother	response: Boolean (Single)
<input type="checkbox"/> Condition: elm:Property	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Daughter	response: Boolean (Single)
<input type="checkbox"/> Condition: elm:Property	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Son	response: Boolean (Single)
<input type="checkbox"/> Condition: elm:Property	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Mother	response: Boolean (Single)
<input type="checkbox"/> Condition: elm:Property	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Maternal Grandmother	response: Boolean (Single)
<input type="checkbox"/> Condition: elm:Property	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Maternal Grandfather	response: Boolean (Single)
<input type="checkbox"/> Condition: elm:Property	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail

	<p>response: String (Single)</p>
<input type="checkbox"/> prompt: Maternal Half-Sister	<p>response: Boolean (Single)</p>
<input type="checkbox"/> Condition: elm:Property	<p><input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single)</p> <p><input type="checkbox"/> prompt: Detail response: String (Single)</p>
<input type="checkbox"/> prompt: Maternal Half-Brother	<p>response: Boolean (Single)</p>
<input type="checkbox"/> Condition: elm:Property	<p><input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single)</p> <p><input type="checkbox"/> prompt: Detail response: String (Single)</p>
<input type="checkbox"/> prompt: Maternal Aunt	<p>response: Boolean (Single)</p>
<input type="checkbox"/> Condition: elm:Property	<p><input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single)</p> <p><input type="checkbox"/> prompt: Detail response: String (Single)</p>
<input type="checkbox"/> prompt: Maternal Uncle	<p>response: Boolean (Single)</p>
<input type="checkbox"/> Condition: elm:Property	<p><input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single)</p> <p><input type="checkbox"/> prompt: Detail response: String (Single)</p>
<input type="checkbox"/> prompt: Father	<p>response: Boolean (Single)</p>
<input type="checkbox"/> Condition: elm:Property	<p><input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single)</p> <p><input type="checkbox"/> prompt: Detail response: String (Single)</p>
<input type="checkbox"/> prompt: Paternal Grandmother	<p>response: Boolean (Single)</p>
<input type="checkbox"/> Condition: elm:Property	<p><input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single)</p> <p><input type="checkbox"/> prompt: Detail response: String (Single)</p>

<input type="checkbox"/> prompt: Paternal GrandFather response: Boolean (Single) responseBinding: Property ("PaternalGrandFather")	<input type="checkbox"/> Condition: elm:Property
<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)	
<input type="checkbox"/> prompt: Paternal Half-Sister response: Boolean (Single) responseBinding: Property ("PaternalHalfSister")	<input type="checkbox"/> Condition: elm:Property
<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)	
<input type="checkbox"/> prompt: Paternal Half-Brother response: Boolean (Single) responseBinding: Property ("PaternalHalfBrother")	<input type="checkbox"/> Condition: elm:Property
<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)	
<input type="checkbox"/> prompt: Paternal Aunt response: Boolean (Single) responseBinding: Property ("PaternalAunt")	<input type="checkbox"/> Condition: elm:Property
<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)	
<input type="checkbox"/> prompt: Paternal Uncle response: Boolean (Single) responseBinding: Property ("PaternalUncle")	<input type="checkbox"/> Condition: elm:Property
<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)	
<input type="checkbox"/> Alcohol or substance abuse? prompt:	

item- [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006
Code: |Has focus (attribute))->[15167005 |Alcohol abuse (disorder)]

item- [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] ->(363702006
Code: |Has focus (attribute))->[66214007 |Substance abuse (disorder)]

re- Boolean (Single)

sponse:

responseBinding: Property ("FHxAlcoholSubstanceAbuse")

☐ **Condition:**elm:Property

Affected Family Members

☐

☐ prompt: Sister

response: Boolean (Single)

responseBinding: Property ("Sister")

☐ **Condition:**elm:Property

☐ prompt: Age at Diagnosis

response: Integer (Single)

☐ prompt: Detail

response: String (Single)

☐ prompt: Brother

response: Boolean (Single)

responseBinding: Property ("Brother")

☐ **Condition:**elm:Property

☐ prompt: Age at Diagnosis

response: Integer (Single)

☐ prompt: Detail

response: String (Single)

☐ prompt: Daughter

response: Boolean (Single)

responseBinding: Property ("Daughter")

☐ **Condition:**elm:Property

☐ prompt: Age at Diagnosis

response: Integer (Single)

☐ prompt: Detail

response: String (Single)

☐ prompt: Son

response: Boolean (Single)

responseBinding: Property ("Son")

☐ **Condition:**elm:Property

☐ prompt: Age at Diagnosis

response: Integer (Single)

☐ prompt: Detail

response: String (Single)

☐ prompt: Mother

response: Boolean (Single)

responseBinding: Property ("Mother")

☐ **Condition:**elm:Property

☐ prompt: Age at Diagnosis

response: Integer (Single)

☐ prompt: Detail

response: String (Single)

☐ prompt: Maternal Grandmother

response: Boolean (Single)

responseBinding: Property ("MaternalGrandmother")

☐ **Condition:**elm:Property

☐ prompt: Age at Diagnosis

response: Integer (Single)

☐ prompt: Detail

response: String (Single)

☐ prompt: Maternal Grandfather

response: Boolean (Single)

responseBinding: Property ("MaternalGrandfather")

☐ **Condition:**elm:Property

☐ prompt: Age at Diagnosis

response: Integer (Single)

☐ prompt: Detail

response: String (Single)

☐ prompt: Maternal Half-Sister

response: Boolean (Single)

responseBinding: Property ("MaternalHalfSister")

☐ **Condition:**elm:Property

☐ prompt: Age at Diagnosis

response: Integer (Single)

☐ prompt: Detail

response: String (Single)

☐ prompt: Maternal Half-Brother

response: Boolean (Single)

responseBinding: Property ("MaternalHalfBrother")

☐ **Condition:**elm:Property

☐ prompt: Age at Diagnosis

response: Integer (Single)

☐ prompt: Detail

response: String (Single)

☐ prompt: Maternal Aunt

response: Boolean (Single)

responseBinding: Property ("MaternalAunt")

☐ **Condition:**elm:Property

☐ prompt: Age at Diagnosis

	response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Maternal Uncle response: Boolean (Single)	responseBinding: Property ("MaternalUncle")
<input type="checkbox"/> Condition: elm:Property	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Father response: Boolean (Single)	responseBinding: Property ("Father")
<input type="checkbox"/> Condition: elm:Property	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Paternal Grandmother response: Boolean (Single)	responseBinding: Property ("PaternalGrandmother")
<input type="checkbox"/> Condition: elm:Property	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Paternal GrandFather response: Boolean (Single)	responseBinding: Property ("PaternalGrandFather")
<input type="checkbox"/> Condition: elm:Property	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Paternal Half-Sister response: Boolean (Single)	responseBinding: Property ("PaternalHalfSister")
<input type="checkbox"/> Condition: elm:Property	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)

<input type="checkbox"/> prompt: Paternal Half-Brother response: Boolean (Single) responseBinding: Property ("PaternalHalfBrother")	<input type="checkbox"/> Condition: elm:Property
<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)	
<input type="checkbox"/> prompt: Paternal Aunt response: Boolean (Single) responseBinding: Property ("PaternalAunt")	<input type="checkbox"/> Condition: elm:Property
<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)	
<input type="checkbox"/> prompt: Paternal Uncle response: Boolean (Single) responseBinding: Property ("PaternalUncle")	<input type="checkbox"/> Condition: elm:Property
<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)	
<input type="checkbox"/> Mental Illness prompt: re- Boolean (Single) sponse: responseBinding: Property ("FHxMentalIllness")	
<input type="checkbox"/> Condition: elm:Property Affected Family Members	
<input type="checkbox"/>	
<input type="checkbox"/> prompt: Sister response: Boolean (Single)	<input type="checkbox"/> Condition: elm:Property
<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)	
<input type="checkbox"/> prompt: Brother response: Boolean (Single) responseBinding: Property ("Brother")	

<input type="checkbox"/>	Condition: elm:Property
<input type="checkbox"/>	prompt: Age at Diagnosis response: Integer (Single)
<input type="checkbox"/>	prompt: Detail response: String (Single)
<input type="checkbox"/>	prompt: Daughter response: Boolean (Single)
responseBinding: Property ("Daughter")	
<input type="checkbox"/>	Condition: elm:Property
<input type="checkbox"/>	prompt: Age at Diagnosis response: Integer (Single)
<input type="checkbox"/>	prompt: Detail response: String (Single)
<input type="checkbox"/>	prompt: Son response: Boolean (Single)
responseBinding: Property ("Son")	
<input type="checkbox"/>	Condition: elm:Property
<input type="checkbox"/>	prompt: Age at Diagnosis response: Integer (Single)
<input type="checkbox"/>	prompt: Detail response: String (Single)
<input type="checkbox"/>	prompt: Mother response: Boolean (Single)
<input type="checkbox"/>	Condition: elm:Property
<input type="checkbox"/>	prompt: Age at Diagnosis response: Integer (Single)
<input type="checkbox"/>	prompt: Detail response: String (Single)
<input type="checkbox"/>	prompt: Maternal Grandmother response: Boolean (Single)
responseBinding: Property ("MaternalGrandmother")	
<input type="checkbox"/>	Condition: elm:Property
<input type="checkbox"/>	prompt: Age at Diagnosis response: Integer (Single)
<input type="checkbox"/>	prompt: Detail response: String (Single)
<input type="checkbox"/>	prompt: Maternal Grandfather response: Boolean (Single)
responseBinding: Property ("MaternalGrandfather")	
<input type="checkbox"/>	Condition: elm:Property
<input type="checkbox"/>	prompt: Age at Diagnosis response: Integer (Single)
<input type="checkbox"/>	prompt: Detail

	response: String (Single)
<input type="checkbox"/> prompt: Maternal Half-Sister	
response: Boolean (Single)	
responseBinding: Property ("MaternalHalfSister")	
<input type="checkbox"/> Condition: elm:Property	
<input type="checkbox"/> prompt: Age at Diagnosis	response: Integer (Single)
<input type="checkbox"/> prompt: Detail	response: String (Single)
<input type="checkbox"/> prompt: Maternal Half-Brother	
response: Boolean (Single)	
responseBinding: Property ("MaternalHalfBrother")	
<input type="checkbox"/> Condition: elm:Property	
<input type="checkbox"/> prompt: Age at Diagnosis	response: Integer (Single)
<input type="checkbox"/> prompt: Detail	response: String (Single)
<input type="checkbox"/> prompt: Maternal Aunt	
response: Boolean (Single)	
responseBinding: Property ("MaternalAunt")	
<input type="checkbox"/> Condition: elm:Property	
<input type="checkbox"/> prompt: Age at Diagnosis	response: Integer (Single)
<input type="checkbox"/> prompt: Detail	response: String (Single)
<input type="checkbox"/> prompt: Maternal Uncle	
response: Boolean (Single)	
<input type="checkbox"/> Condition: elm:Property	
<input type="checkbox"/> prompt: Age at Diagnosis	response: Integer (Single)
<input type="checkbox"/> prompt: Detail	response: String (Single)
<input type="checkbox"/> prompt: Father	
response: Boolean (Single)	
<input type="checkbox"/> Condition: elm:Property	
<input type="checkbox"/> prompt: Age at Diagnosis	response: Integer (Single)
<input type="checkbox"/> prompt: Detail	response: String (Single)
<input type="checkbox"/> prompt: Paternal Grandmother	
response: Boolean (Single)	
<input type="checkbox"/> Condition: elm:Property	
<input type="checkbox"/> prompt: Age at Diagnosis	

	response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Paternal GrandFather	response: Boolean (Single)
<input type="checkbox"/> Condition: elm:Property	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Paternal Half-Sister	response: Boolean (Single)
responseBinding: Property ("PaternalHalfSister")	
<input type="checkbox"/> Condition: elm:Property	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Paternal Half-Brother	response: Boolean (Single)
<input type="checkbox"/> Condition: elm:Property	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Paternal Aunt	response: Boolean (Single)
responseBinding: Property ("PaternalAunt")	
<input type="checkbox"/> Condition: elm:Property	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)
<input type="checkbox"/> prompt: Paternal Uncle	response: Boolean (Single)
responseBinding: Property ("PaternalUncle")	
<input type="checkbox"/> Condition: elm:Property	<input type="checkbox"/> prompt: Age at Diagnosis response: Integer (Single) <input type="checkbox"/> prompt: Detail response: String (Single)

Chapter 11. Reproductive Goals Assessment

☐ Do you want to become pregnant within the next year?

prompt:

item- [a997cc03-3e99-40eb-833a-6374c7750a3a |Observation procedure (procedure)] -

Code: >(363702006 |Has focus (attribute))->[454411000124108 |Wants to become pregnant (finding)]

response: Boolean (Single)

responseBinding: Property ("DesiresPregnancy")

Condition:elm:Property

☐ Provide link to Preconception Counseling KNART if available.

prompt:

response: Boolean (Single)

Condition:elm:Not (elm:Property("DesiresPregnancy"))

☐ Contraceptive priorities

prompt:

response: String (Multiple)

response EnumerationConstraint (List)

range:

item: Permanence

item: Reversibility

item: Short-acting

item: Long-acting

item: High efficacy

item: High safety

item: Ease of use


item: Noncontraceptive benefits

item: Nonhormonal

item: Personal control

item: Prevention of sexually transmitted infections

item: Declines contraceptive counseling

 item: Other

responseBinding: Property ("ContraceptivePriorities")

Chapter 12. Same Day Start Criteria for Contraceptives

Conditions
Condition: elm:Not (elm:Or(elm:Property("DesiresPregnancy") elm:Contains(elm:Property("ContraceptivePriorities") elm:Literal())))

- ☐ Criteria for beginning immediate contraception (to include ring, patch, pill or the injectable)
prompt: jectable
response: String (Multiple)
response EnumerationConstraint (List)
range:
 - item: First day of the last menstrual period (LMP) occurred less than or equal to 7 days ago
 - item: No intercourse since start of the LMP
 - item: Negative pregnancy test

Chapter 13. Plan

Conditions

Condition:elm:Not (elm:Or(elm:Property("DesiresPregnancy") elm:Contains(elm:Property("ContraceptivePriorities") elm:Literal()))))

Review with patient the contraceptive options and the associated levels of effectiveness of those methods.

- ☐ prompt: Permanent methods (less than 1 pregnancy per year among 100 women with typical use)
 - response: String (Multiple)
 - response range: EnumerationConstraint (List)
 - item: Tubal ligation (female sterilization)([409073007 |Education (procedure)] ->(363702006 |Has focus (attribute))>[77543007 |Ligation of fallopian tube (procedure)])
 - item: Tubal implant([409073007 |Education (procedure)] ->(363702006 |Has focus (attribute))>[bc795a70-3a23-46d4-a627-d5a891f03c1b |Bilateral occlusion of fallopian tubes using intrafallopian implants (procedure)])
 - item: Vasectomy (male sterilization)(243065005 |Vasectomy education (procedure))
- ☐ prompt: Highly effective methods (1 or fewer pregnancies per year among 100 women with typical use)
 - response: String (Multiple)
 - response range: EnumerationConstraint (List)
 - item: Intrauterine device(736808007 |Education for intrauterine system contraception (procedure))
 - item: Progesterone implant([409073007 |Education (procedure)] ->(363702006 |Has focus (attribute))>[e6e70d12-6a1b-4c79-90d2-24a7ce9b9ccc |Contraception using drug-eluding contraceptive implant (finding)])
 - item: Progesterone shot([409073007 |Education (procedure)] ->(363702006 |Has focus (attribute))>[268464009 |Depot contraception (finding)])
- ☐ prompt: Very effective methods (about 5 pregnancies per year among 100 women with typical use)
 - response: String (Multiple)
 - response range: EnumerationConstraint (List)
 - item: Contraceptive ring, pill or patch(caa5a477-3d9f-4d30-858a-9cd509af8298 |Education about contraceptive ring (procedure) 430134003 |Education about oral contraception (procedure) [409073007 |Education (procedure)] ->(363702006 |Has focus (attribute))>[413116005 |Transdermal contraception (finding)])
- ☐ prompt: Less effective methods (about 15 to 32 pregnancies per year among 100 women with typical use)
 -

<p>response: String (Multiple)</p> <p>response range: EnumerationConstraint (List)</p> <p>item: Diaphragm with spermicide(84dee3d7-2cf2-4d23-92d1-fe-f352cf6e83 Education about diaphragm with spermicide (procedure))</p> <p>item: Cervical cap with spermicide(0f125961-e351-4646-97e5-ec8c6284ee35 Education about cervical cap with spermicide (procedure))</p> <p>item: Contraceptive sponge(cfcca17d-affd-4d-b8-9ad7-d914a1fe566f Education about contraceptive sponge (procedure))</p> <p>item: Male condom(0abd7253-068a-4e35-b340-7035d2f14d70 Education about male condom (procedure))</p> <p>item: Female condom(736809004 Education for female condom (procedure))</p> <p>item: Spermicide alone(736810009 Education for spermicidal contraceptive (procedure))</p> <p>item: Natural family planning (e.g., lactational, amenorrhea, rhythm, calendar, or cervical mucus methods)([409073007 Education (procedure)] ->(363702006 Has focus (attribute))>[718701005 Natural family planning method (regime/therapy)])</p> <p><input type="checkbox"/> prompt: Not effective</p> <p>response: String (Multiple)</p> <p>response range: EnumerationConstraint (List)</p> <p>item: Nothing</p>	
Review with patient emergency contraceptives in case of unprotected sex.	
<p><input type="checkbox"/> prompt: Emergency contraceptive (less than 1 pregnancy per year among 100 women if used within 72 hours)</p> <p>itemCode: 313106003 Emergency contraception education (procedure) </p> <p>response: Boolean (Single)</p>	
If appropriate, address sexually transmitted infection risk reduction with use of barrier methods.	
<p><input type="checkbox"/> prompt: Contraceptive plan?</p> <p>response: Boolean (Single)</p> <p>Condition:elm:Property</p> <p><input type="checkbox"/> prompt: Description</p> <p>response: String (Single)</p> <p><input type="checkbox"/> prompt: Sexually transmitted infection risk reduction plan?</p> <p>response: Boolean (Single)</p> <p>Condition:elm:Property</p> <p><input type="checkbox"/> prompt: Description</p> <p>response: String (Single)</p>	

Chapter 14. Tabular List

Terminology Service Request (TSR) Mappings

Table 14.1. Terminology Versions

Name	Identifier	Version
SNOMED CT	2.16.840.1.113883.6.96	United States Edition 20180301
AdministrativeGender	2.16.840.1.113883.4.642.1.2	

Table 14.2. Terminology References

System	Code	Display Text ^a	References ^b
SNOMED CT	0ab-d7253-068a-4e35-b340-7035d2f14d70 Education about male condom (procedure)	Male condom	1
SNOMED CT	0f125961-e351-4646-97e5-ec8c6284ee35 Education about cervical cap with spermicide (procedure)	Cervical cap with spermicide	1
SNOMED CT	11466000 Cesarean section (procedure)	Cesarean section	1
SNOMED CT	243065005 Vasectomy education (procedure)	Vasectomy (male sterilization)	1
SNOMED CT	248152002 Female (finding)	Female	1
SNOMED CT	27733009 Sister (person)	Postcoordinated Expression	1
SNOMED CT	313106003 Emergency contraception education (procedure)	Postcoordinated Expression	1
SNOMED CT	33022008 Hospital-based outpatient department (environment)	Outpatient	1
SNOMED CT	387713003 Surgical procedure (procedure)	Precoordinated Expression	1
SNOMED CT	394856008 Paternal grandfather (person)	Postcoordinated Expression	1
SNOMED CT	394857004 Maternal grandfather (person)	Postcoordinated Expression	1
SNOMED CT	394858009 Paternal grandmother (person)	Postcoordinated Expression	1
SNOMED CT	394859001 Maternal grandmother (person)	Postcoordinated Expression	1
SNOMED CT	398166005 Performed (qualifier value)	Precoordinated Expression	1
SNOMED CT	430134003 Education about oral contraception (procedure)	Contraceptive ring, pill or patch	1

System	Code	Display Text ^a	References ^b
SNOMED CT	442031000124102 Maternal uncle (person)	Postcoordinated Expression	1
SNOMED CT	453231000124104 Primary care provider (occupation)	Primary Care	1
SNOMED CT	52052004 Rehabilitation therapy (regime/therapy)	Precoordinated Expression	1
SNOMED CT	66089001 Daughter (person)	Postcoordinated Expression	1
SNOMED CT	67516001 Detoxification therapy (regime/therapy)	Precoordinated Expression	1
SNOMED CT	6839005 Father (person)	Postcoordinated Expression	1
SNOMED CT	718701005 Natural family planning method (regime/therapy)	Natural family planning (e.g., lactational amenorrhea, rhythm, calendar, or cervical mucus methods)	2
SNOMED CT	719762005 Paternal half brother (person)	Postcoordinated Expression	1
SNOMED CT	719764006 Paternal half sister (person)	Postcoordinated Expression	1
SNOMED CT	719765007 Maternal half sister (person)	Postcoordinated Expression	1
SNOMED CT	719766008 Maternal half brother (person)	Postcoordinated Expression	1
SNOMED CT	72705000 Mother (person)	Postcoordinated Expression	1
SNOMED CT	736454006 Maternal aunt (person)	Postcoordinated Expression	1
SNOMED CT	736455007 Paternal aunt (person)	Postcoordinated Expression	1
SNOMED CT	736808007 Education for intrauterine system contraception (procedure)	Intrauterine device	1
SNOMED CT	736809004 Education for female condom (procedure)	Female condom	1
SNOMED CT	736810009 Education for spermicidal contraceptive (procedure)	Spermicide alone	1
SNOMED CT	84dee3d7-2cf2-4d23-92d1-fef352cf6e83 Education about diaphragm with spermicide (procedure)	Diaphragm with spermicide	1
SNOMED CT	[409073007 Education (procedure)] ->(363702006 Has focus (attribute))>[268464009 Depot contraception (finding)]	Progesterone shot	1

System	Code	Display Text ^a	References ^b
SNOMED CT	[409073007 Education (procedure)] ->(363702006 Has focus (attribute))->[413116005 Transdermal contraception (finding)]	Contraceptive ring, pill or patch	1
SNOMED CT	[409073007 Education (procedure)] ->(363702006 Has focus (attribute))->[718701005 Natural family planning method (regime/therapy)]	Natural family planning (e.g., lactational, amenorrhea, rhythm, calendar, or cervical mucus methods)	1
SNOMED CT	[409073007 Education (procedure)] ->(363702006 Has focus (attribute))->[77543007 Ligation of fallopian tube (procedure)]	Tubal ligation (female sterilization)	1
SNOMED CT	[409073007 Education (procedure)] ->(363702006 Has focus (attribute))->[bc795a70-3a23-46d4-a627-d5a891f03c1b Bilateral occlusion of fallopian tubes using intrafallopian implants (procedure)]	Tubal implant	1
SNOMED CT	[409073007 Education (procedure)] ->(363702006 Has focus (attribute))->[e6e70d12-6a1b-4c79-90d2-24a7ce9b9c-cc Contraception using drug-eluting contraceptive implant (finding)]	Progesterone implant	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 Observation procedure (procedure)] ->(363702006 Has focus (attribute))->[105726004 Age AND/OR growth finding (finding)]	Postcoordinated Expression	1

System	Code	Display Text ^a	References ^b
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (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))->[129103003 Endometriosis (disorder)]	Postcoordinated Expression	1
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] - >(363702006 Has focus (attribute))->[13746004 Bipolar disorder (disorder)]	Bi-Polar Disorder	1
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] - >(363702006 Has focus (attribute))->[15167005 Alcohol abuse (disorder)]	Postcoordinated Expression	1
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] - >(363702006 Has focus (attribute))->[169530003 Uses contraceptive sponge (finding)]	Contraceptive sponge	2
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] - >(363702006 Has focus (attribute))->[169563005 Pregnant - on history (finding)]	Postcoordinated Expression	1
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] - >(363702006 Has focus (attribute))->[17369002 Miscarriage (disorder)]	Spontaneous abortion	1

System	Code	Display Text ^a	References ^b
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] - >(363702006 Has focus (attribute))->[18391007 Elective abortion (disorder)]	Elective abortion	1
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] - >(363702006 Has focus (attribute))->[2145000 Anal penetration (finding)]	Anal sex	1
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] - >(363702006 Has focus (attribute))->[225824003 Victim of physical abuse (finding)]	Postcoordinated Expression	1
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] - >(363702006 Has focus (attribute))->[225826001 Victim of sexual abuse (finding)]	Postcoordinated Expression	1
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] - >(363702006 Has focus (attribute))->[228453005 Sexually active (finding)]	Postcoordinated Expression	1
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] - >(363702006 Has focus (attribute))->[228479001 Uses a female condom (finding)]	Female condom	2
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] - >(363702006 Has focus (attribute))->[229012002	Vaginal sex	1

System	Code	Display Text ^a	References ^b
	Vaginal penetration (finding)]		
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] ->(363702006 Has focus (attribute))->[236886002 Hysterectomy (procedure)]	Postcoordinated Expression	2
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] ->(363702006 Has focus (attribute))->[237364002 Stillbirth (finding)]	Stillbirth	1
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] ->(363702006 Has focus (attribute))->[248152002 Female (finding)]	Postcoordinated Expression	1
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] ->(363702006 Has focus (attribute))->[254837009 Malignant neoplasm of breast (disorder)]	Postcoordinated Expression	1
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] ->(363702006 Has focus (attribute))->[25da3735-6132-49d7-9cb5-98a41885c90b Contraception using cervical cap (finding)]	Cervical cap	2
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] ->(363702006 Has focus (attribute))->[268464009 Depot contraception (finding)]	Contraceptive shot	2
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] ->(363702006 Has focus	Spermicide	2

System	Code	Display Text ^a	References ^b
	(attribute))->[268466006 Spermicidal contraception (finding)]		
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] - >(363702006 Has focus (attribute))->[275813002 Emergency contraception (finding)]	Postcoordinated Expression	1
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] - >(363702006 Has focus (attribute))->[276104006 Home unsettled (finding)]	Postcoordinated Expression	1
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] - >(363702006 Has focus (attribute))->[289259007 Vaginal delivery (finding)]	Vaginal delivery	1
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] - >(363702006 Has focus (attribute))->[302757007 Regular periods (finding)]	Postcoordinated Expression	1
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] - >(363702006 Has focus (attribute))->[312081001 Intrauterine device contraception (finding)]	Intrauterine device	2
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] - >(363702006 Has focus (attribute))->[32911000 Homeless (finding)]	Postcoordinated Expression	1
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] - >(363702006 Has focus (attribute))->[34801009	Ectopic pregnancy	1

System	Code	Display Text ^a	References ^b
	Ectopic pregnancy (disorder)]		
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] ->(363702006 Has focus (attribute))->[35489007 Depressive disorder (disorder)]	Depression	1
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] ->(363702006 Has focus (attribute))->[363443007 Malignant tumor of ovary (disorder)]	Postcoordinated Expression	1
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] ->(363702006 Has focus (attribute))->[363510005 Malignant tumor of large intestine (disorder)]	Postcoordinated Expression	1
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] ->(363702006 Has focus (attribute))->[371973000 Malignant neoplasm of uterus (disorder)]	Postcoordinated Expression	1
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] ->(363702006 Has focus (attribute))->[38341003 Hypertensive disorder, systemic arterial (disorder)]	Postcoordinated Expression	2
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] ->(363702006 Has focus (attribute))->[405504bc-1098-47b6-9154-e87306e47d5b Female sexual partner type (finding)]	Women	1

System	Code	Display Text ^a	References ^b
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] - >(363702006 Has focus (attribute))->[413116005 Transdermal contraception (finding)]	Contraceptive patch	2
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] - >(363702006 Has focus (attribute))->[419916003 Victim of emotional abuse (finding)]	Postcoordinated Expression	1
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] - >(363702006 Has focus (attribute))->[429098002 Thromboembolism of vein (disorder)]	Postcoordinated Expression	1
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] ->(363702006 Has focus (attribute))->[43b09307-453c-488a-acba-bbf3a39534cb Male sexual partner type (finding)]	Men	1
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] - >(363702006 Has focus (attribute))->[450850003 Uses vaginal hormone releasing ring (finding)]	Contraceptive ring	2
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] - >(363702006 Has focus (attribute))->[450851004 Uses contraceptive diaphragm (finding)]	Diaphragm	2
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)]	Postcoordinated Expression	1

System	Code	Display Text ^a	References ^b
	->(363702006 Has focus (at- tribute))->[454411000124108 Wants to become preg- nant (finding)]		
SNOMED CT	[a997cc03-3e99-40e- b-833a-6374c7750a3a Observation proce- dure (procedure)] - >(363702006 Has focus (attribute))->[48694002 Anxiety (finding)]	Anxiety	1
SNOMED CT	[a997cc03-3e99-40e- b-833a-6374c7750a3a Observation proce- dure (procedure)] - >(363702006 Has focus (attribute))->[58214004 Schizophrenia (disorder)]	Schizophrenia	1
SNOMED CT	[a997cc03-3e99-40e- b-833a-6374c7750a3a Observation proce- dure (procedure)] - >(363702006 Has focus (attribute))->[5935008 Oral contraception (find- ing)]	Contraceptive pill	2
SNOMED CT	[a997cc03-3e99-40e- b-833a-6374c7750a3a Observation proce- dure (procedure)] - >(363702006 Has focus (attribute))->[66214007 Substance abuse (disor- der)]	Postcoordinated Expression	1
SNOMED CT	[a997cc03-3e99-40e- b-833a-6374c7750a3a Observation proce- dure (procedure)] - >(363702006 Has focus (attribute))->[69840006 Normal breast feeding (finding)]	Postcoordinated Expression	1
SNOMED CT	[a997cc03-3e99-40e- b-833a-6374c7750a3a Observation proce- dure (procedure)] - >(363702006 Has focus (attribute))->[69878008 Polycystic ovaries (disor- der)]	Postcoordinated Expression	1
SNOMED CT	[a997cc03-3e99-40e- b-833a-6374c7750a3a Observation proce-	Postcoordinated Expression	1

System	Code	Display Text ^a	References ^b
	dure (procedure)] - >(363702006 Has focus (attribute))>[704197006 Admits alcohol use (find- ing)]		
SNOMED CT	[a997cc03-3e99-40e- b-833a-6374c7750a3a Observation proce- dure (procedure)] - >(363702006 Has focus (attribute))>[72366004 Eating disorder (disor- der)]	Eating Disorder	1
SNOMED CT	[a997cc03-3e99-40e- b-833a-6374c7750a3a Observation proce- dure (procedure)] - >(363702006 Has focus (attribute))>[73211009 Diabetes mellitus (disor- der)]	Postcoordinated Expression	4
SNOMED CT	[a997cc03-3e99-40e- b-833a-6374c7750a3a Observation proce- dure (procedure)] - >(363702006 Has focus (attribute))>[733461000 Cocaine user (finding)]	Postcoordinated Expression	1
SNOMED CT	[a997cc03-3e99-40e- b-833a-6374c7750a3a Observation proce- dure (procedure)] - >(363702006 Has focus (attribute))>[73666000 Oral-genital stimulation (finding)]	Oral sex	1
SNOMED CT	[a997cc03-3e99-40e- b-833a-6374c7750a3a Observation proce- dure (procedure)] - >(363702006 Has focus (attribute))>[76498008 Postmenopausal state (finding)]	Postcoordinated Expression	2
SNOMED CT	[a997cc03-3e99-40e- b-833a-6374c7750a3a Observation proce- dure (procedure)] - >(363702006 Has focus (attribute))>[76876009 Bilateral oophorectomy (procedure)]	Postcoordinated Expression	2
SNOMED CT	[a997cc03-3e99-40e- b-833a-6374c7750a3a	Postcoordinated Expression	2

System	Code	Display Text ^a	References ^b
	Observation procedure (procedure)] - >(363702006 Has focus (attribute))>[77543007 Ligation of fallopian tube (procedure)]		
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] - >(363702006 Has focus (attribute))>[80182007 Irregular periods (finding)]	Postcoordinated Expression	1
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 procedure (procedure)] - >(363702006 Has focus (attribute))>[95315005 Uterine leiomyoma (disorder)]	Postcoordinated Expression	1
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] - >(363702006 Has focus (attribute))>[95930005 Victim of neglect (finding)]	Postcoordinated Expression	1
SNOMED CT	[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)]	Postcoordinated Expression	1
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)] ->(363702006	Male condom	2

System	Code	Display Text ^a	References ^b
	Has focus (at-tribute))->[cb5f0704-7565-afa1-568d79063070 Contraception using male condom (finding)]	417c-	
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)]->(363702006 Has focus (at-tribute))->[e6e70d12-6a1b-4c79-90d2-24a7ce9b9c-cc Contraception using drug-eluding contraceptive implant (finding)]	Contraceptive implant	2
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)]->(363702006 Has focus (at-tribute))-d5d1c4f4-5d27-4e48-94b9-866c5c08f163 Failure to conceive (finding)]	Postcoordinated Expression	1
SNOMED CT	[a997cc03-3e99-40e-b-833a-6374c7750a3a Observation procedure (procedure)]- ->(363702006 Has focus (attribute))->[118185001 Finding related to pregnancy (finding)]- ->(363714003 Interprets (attribute))->[246211005 Number of previous pregnancies (observable entity)];	Postcoordinated Expression	1
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	Postcoordinated Expression	1

System	Code	Display Text ^a	References ^b
	(attribute))->[373412001 Finding related to menstrual cycle (finding)]- ->(363714003 Interprets (attribute))->[161720007 Duration of menstrual flow (observable entity)];		
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	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))->[398700009 Age at menarche (observable entity)];	Postcoordinated Expression	1
SNOMED CT	caa5a477-3d9f-4d30-858a-9c1509af8298 Education about contraceptive ring (procedure)	Contraceptive ring, pill or patch	1
SNOMED CT	cfcca17d-affd-4d-b8-9ad7-d914a1fe566f Education about contraceptive sponge (procedure)	Contraceptive sponge	1

^aIf a code is used multiple times in the KNART, only the display text of the first instance is shown.

^bCount of the number of times the given code system and code pair is used in the KNART.

Chapter 15. Behavior Symbols

Table 15.1. 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 15.2. 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 15.3. 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.
◇	Could	An action with this behavior may be included in the set of actions processed by the end user.

Sym- bol	Name	Definition
➤	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 15.4. 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 15.5. Cardinality Behavior

Sym- bol	Name	Definition
◆	Single	An action with this behavior may only be completed once.
❖	Multiple	An action with this behavior may be repeated multiple times.

Table 15.6. Item Flags

Sym- bol	Name	Definition
✎	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 15.7. 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: Reproductive Health Clinical Content White Paper*

[CSD] *Women's Health: Reproductive Health Documentation Template Conceptual Structure Document*

[KVRpt] *Women's Health: Reproductive Health Documentation Template KNART Validation Report*

Supporting Evidence

[ACOG 2017] *American College of Obstetricians and Gynecologists Committee on Adolescent Health Care. Committee Opinion No 699: Adolescent Pregnancy, Contraception, and Sexual Activity. Obstet Gynecol. 2017;129(5):e142-e149* (link [<https://doi.org/10.1097/AOG.0000000000002045>])

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