

Women's Health: Osteoporosis Screening Rule KNART Validation Report

Rule: Validation Report

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Department of Veterans Affairs



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

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Women's Health: Osteoporosis Screening Rule KNART Validation Report: Rule: Validation Report

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

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Chapter 1. Basic File and Well-formedness Tests

Table 1.1. Summary

Information	Value
File name	CDSK_KRprt_ECA_O8Osteo.xml
File size	85.0 KB
Type	Rule
Publication Date	06/05/2018
File Modification Date	06/06/2018 12:26:34
Well-formed XML	YES
MD5	0b0f483770584592670df63e9dbf99e3

Chapter 2. XSD Schema Checks

Table 2.1. KAS Schema Validation Summary

Information	Value
KAS Schema Version	urn:hl7-org:knowledgeartifact:r1
Schema File	knowledgedocument.xsd
Validation Errors	0

Chapter 3. Schematron Checks

Table 3.1. Editorial Convention Check

Information	Value
Editorial Schematron Version	ISO Schematron 2016
Schema File	knart-L3-validation.sch, L3Validation.sch, KnartStyle.sch
Validation Errors	0
Validation Warnings	0

Chapter 4. Terminology Checks via Ontoserver

Table 4.1. Ontoserver Information

Information		Value
Ontoserver URL		https://ontoserver.hspconsortium.org/fhir
Ontoserver Version		5.0
Date of Code Checks		06/06/2018 12:27:30
SNOMED	Version	http://snomed.info/sct/731000124108/version/20170901,http://snomed.info/sct/9000000000000207008/version/20170731
	Codes	443237
LOINC	Version	2.61,2.63
	Codes	126207
RXNorm	Version	Does not exist
	Codes	0
v3 Code System EducationLevel	Version	2016-03-23
	Codes	9

Table 4.2. Terminology and ANF Usage

Terminology References			
Total Codes Used ^a		24	
Resolved ^b		19	
Unresolved ^c	5	TSR Requested Codes ^d	1
		SOLOR Placeholder Codes ^e	3
		Other Unresolved ^f	1
ANF Model Reference Information			
anf:ClinicalStatement		43	
anf:TSR-NoModel ^g		0	

^aTotal number of unique codes referenced in the KNART XML.

^bNumber of unique codes used in the KNART XML and present in ontoserver.

^cNumber of unique codes used in the KNART XML and not found in ontoserver.

^dNumber of unique code system and code pairs referenced in the KNART XML with a placeholder ('TSR-NoCode').

^eNumber of unique codes in uuid form referenced in the KNART XML.

^fNumber of other unique codes not found in ontoserver, e.g. RXNorm codes.

^gKAS elements modeled as 'anf:TSR-NoModel' indicates they cannot be modeled in the current version of ANF.

Table 4.3. TSR Requested Codes

	Information	Value
1	FileName	CDSK_KRprt_ECA_O8Osteo.xml
	Line	619
	Column	110
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_O8Osteo.xml#line=619column=110]
2	FileName	CDSK_KRprt_ECA_O8Osteo.xml
	Line	784
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_O8Osteo.xml#line=784column=118]
3	FileName	CDSK_KRprt_ECA_O8Osteo.xml
	Line	799
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_O8Osteo.xml#line=799column=118]
4	FileName	CDSK_KRprt_ECA_O8Osteo.xml
	Line	814
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_O8Osteo.xml#line=814column=118]
5	FileName	CDSK_KRprt_ECA_O8Osteo.xml
	Line	829
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_O8Osteo.xml#line=829column=118]
6	FileName	CDSK_KRprt_ECA_O8Osteo.xml
	Line	930
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_O8Osteo.xml#line=930column=118]
7	FileName	CDSK_KRprt_ECA_O8Osteo.xml
	Line	945

	Information	Value
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_O8Osteo.xml#line=945column=118]
8	FileName	CDSK_KRprt_ECA_O8Osteo.xml
	Line	960
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_O8Osteo.xml#line=960column=118]
9	FileName	CDSK_KRprt_ECA_O8Osteo.xml
	Line	975
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_O8Osteo.xml#line=975column=118]
10	FileName	CDSK_KRprt_ECA_O8Osteo.xml
	Line	1041
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_O8Osteo.xml#line=1041column=118]
11	FileName	CDSK_KRprt_ECA_O8Osteo.xml
	Line	1056
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_O8Osteo.xml#line=1056column=118]
12	FileName	CDSK_KRprt_ECA_O8Osteo.xml
	Line	1071
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_O8Osteo.xml#line=1071column=118]
13	FileName	CDSK_KRprt_ECA_O8Osteo.xml
	Line	1086
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_O8Osteo.xml#line=1086column=118]

	Information	Value
14	FileName	CDSK_KRprt_ECA_O8Osteo.xml
	Line	1158
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_O8Osteo.xml#line=1158column=118]
15	FileName	CDSK_KRprt_ECA_O8Osteo.xml
	Line	1173
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_O8Osteo.xml#line=1173column=118]
16	FileName	CDSK_KRprt_ECA_O8Osteo.xml
	Line	1188
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_O8Osteo.xml#line=1188column=118]
17	FileName	CDSK_KRprt_ECA_O8Osteo.xml
	Line	1203
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_O8Osteo.xml#line=1203column=118]
18	FileName	CDSK_KRprt_ECA_O8Osteo.xml
	Line	1272
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_O8Osteo.xml#line=1272column=118]
19	FileName	CDSK_KRprt_ECA_O8Osteo.xml
	Line	1287
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_O8Osteo.xml#line=1287column=118]
20	FileName	CDSK_KRprt_ECA_O8Osteo.xml
	Line	1302
	Column	118

	Information	Value
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_O8Osteo.xml#line=1302column=118]
21	FileName	CDSK_KRprt_ECA_O8Osteo.xml
	Line	1317
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_O8Osteo.xml#line=1317column=118]
22	FileName	CDSK_KRprt_ECA_O8Osteo.xml
	Line	1362
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_O8Osteo.xml#line=1362column=118]
23	FileName	CDSK_KRprt_ECA_O8Osteo.xml
	Line	1377
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_O8Osteo.xml#line=1377column=118]
24	FileName	CDSK_KRprt_ECA_O8Osteo.xml
	Line	1392
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_O8Osteo.xml#line=1392column=118]
25	FileName	CDSK_KRprt_ECA_O8Osteo.xml
	Line	1407
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_O8Osteo.xml#line=1407column=118]

Table 4.4. SOLOR Placeholders

	Information	Value
1	FileName	CDSK_KRprt_ECA_O8Osteo.xml
	Line	317
	Column	74

	Information	Value
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_ECA_O8Osteo.xml#line=317column=74]
2	FileName	CDSK_KRprt_ECA_O8Osteo.xml
	Line	342
	Column	70
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_ECA_O8Osteo.xml#line=342column=70]
3	FileName	CDSK_KRprt_ECA_O8Osteo.xml
	Line	401
	Column	70
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_ECA_O8Osteo.xml#line=401column=70]
4	FileName	CDSK_KRprt_ECA_O8Osteo.xml
	Line	422
	Column	70
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_ECA_O8Osteo.xml#line=422column=70]
5	FileName	CDSK_KRprt_ECA_O8Osteo.xml
	Line	463
	Column	70
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_ECA_O8Osteo.xml#line=463column=70]
6	FileName	CDSK_KRprt_ECA_O8Osteo.xml
	Line	484
	Column	70
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_ECA_O8Osteo.xml#line=484column=70]
7	FileName	CDSK_KRprt_ECA_O8Osteo.xml
	Line	484
	Column	70
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: 17b00578-6b1b-4e0b-b2ee-76f69e6061ec
	Reference	KNART [file:CDSK_KRprt_ECA_O8Osteo.xml#line=484column=70]
8	FileName	CDSK_KRprt_ECA_O8Osteo.xml

	Information	Value
	Line	505
	Column	70
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_ECA_O8Osteo.xml#line=505column=70]
9	FileName	CDSK_KRprt_ECA_O8Osteo.xml
	Line	526
	Column	70
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
10	Reference	KNART [file:CDSK_KRprt_ECA_O8Osteo.xml#line=526column=70]
	FileName	CDSK_KRprt_ECA_O8Osteo.xml
	Line	547
	Column	70
11	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_ECA_O8Osteo.xml#line=547column=70]
	FileName	CDSK_KRprt_ECA_O8Osteo.xml
	Line	568
12	Column	70
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_ECA_O8Osteo.xml#line=568column=70]
	FileName	CDSK_KRprt_ECA_O8Osteo.xml
13	Line	589
	Column	70
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: 3dfd49ed-a7e4-41a5-ab44-356015e345a2
	Reference	KNART [file:CDSK_KRprt_ECA_O8Osteo.xml#line=589column=70]

Table 4.5. Other Unresolved

	Information	Value
1	FileName	CDSK_KRprt_ECA_O8Osteo.xml
	Line	163

	Information	Value
	Column	108
	Message	Code 453231000124104, codeSystem http://snomed.info/sct not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_ECA_O8Osteo.xml#line=163column=108]