

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

## **Rule: Validation Report**

**Contract: VA118-16-D-1008, Task Order  
(TO): VA-118-16-F-1008-0007, CLIN0007BA**

**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)

Publication date 04/25/2018

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# Chapter 1. Basic File and Well-formedness Tests

**Table 1.1. Summary**

Information	Value
File name	CDSK_KVRpt_ECA_O8Osteo.xml
File size	80.0 KB
Type	Rule
Publication Date	04/25/2018
File Modification Date	04/25/2018 09:19:12
Well-formed XML	YES
MD5	2a7febcaaba4b044d6dc79f98c80e12a

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# 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

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# 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

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# Chapter 4. Terminology Checks via Ontoserver

**Table 4.1. Terminology Information**

Information		Value
Ontoserver URL		https://ontoserver.hspconsortium.org/fhir
Ontoserver Version		5.0
Date of Code Checks		04/25/2018 09:21:08
SNOMED	Version	http://snomed.info/sct/731000124108/version/20170901,http://snomed.info/sct/900000000000207008/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
Total Codes Used		75
Total Unresolved Codes		1
Total Resolved Codes		74

**Table 4.2. Error Detail**

Information		Value
1	FileName	CDSK_KVRpt_ECA_O8Osteo.xml
	Line	148
	Column	108
	Message	Code 453231000124104, codeSystem http://snomed.info/sct not found in Ontoserver.
	Reference	KNART [file:CDSK_KVRpt_ECA_O8Osteo.xml#line=148column=108]

**Table 4.3. Requested Codes**

Information		Value
1	FileName	CDSK_KVRpt_ECA_O8Osteo.xml
	Line	572
	Column	110
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KVRpt_ECA_O8Osteo.xml#line=572column=110]



	Information	Value
2	FileName	CDSK_KVRpt_ECA_O8Osteo.xml
	Line	734
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KVRpt_ECA_O8Osteo.xml#line=734column=118]
3	FileName	CDSK_KVRpt_ECA_O8Osteo.xml
	Line	749
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KVRpt_ECA_O8Osteo.xml#line=749column=118]
4	FileName	CDSK_KVRpt_ECA_O8Osteo.xml
	Line	764
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KVRpt_ECA_O8Osteo.xml#line=764column=118]
5	FileName	CDSK_KVRpt_ECA_O8Osteo.xml
	Line	779
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KVRpt_ECA_O8Osteo.xml#line=779column=118]
6	FileName	CDSK_KVRpt_ECA_O8Osteo.xml
	Line	877
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KVRpt_ECA_O8Osteo.xml#line=877column=118]
7	FileName	CDSK_KVRpt_ECA_O8Osteo.xml
	Line	892
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KVRpt_ECA_O8Osteo.xml#line=892column=118]
8	FileName	CDSK_KVRpt_ECA_O8Osteo.xml
	Line	907
	Column	118

	Information	Value
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KVRpt_ECA_O8Osteo.xml#line=907column=118]
9	FileName	CDSK_KVRpt_ECA_O8Osteo.xml
	Line	922
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KVRpt_ECA_O8Osteo.xml#line=922column=118]
10	FileName	CDSK_KVRpt_ECA_O8Osteo.xml
	Line	985
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KVRpt_ECA_O8Osteo.xml#line=985column=118]
11	FileName	CDSK_KVRpt_ECA_O8Osteo.xml
	Line	1000
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KVRpt_ECA_O8Osteo.xml#line=1000column=118]
12	FileName	CDSK_KVRpt_ECA_O8Osteo.xml
	Line	1015
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KVRpt_ECA_O8Osteo.xml#line=1015column=118]
13	FileName	CDSK_KVRpt_ECA_O8Osteo.xml
	Line	1030
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KVRpt_ECA_O8Osteo.xml#line=1030column=118]
14	FileName	CDSK_KVRpt_ECA_O8Osteo.xml
	Line	1099
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KVRpt_ECA_O8Osteo.xml#line=1099column=118]
15	FileName	CDSK_KVRpt_ECA_O8Osteo.xml

	Information	Value
	Line	1114
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KVRpt_ECA_O8Osteo.xml#line=1114column=118]
16	FileName	CDSK_KVRpt_ECA_O8Osteo.xml
	Line	1129
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KVRpt_ECA_O8Osteo.xml#line=1129column=118]
17	FileName	CDSK_KVRpt_ECA_O8Osteo.xml
	Line	1144
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KVRpt_ECA_O8Osteo.xml#line=1144column=118]
18	FileName	CDSK_KVRpt_ECA_O8Osteo.xml
	Line	1210
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KVRpt_ECA_O8Osteo.xml#line=1210column=118]
19	FileName	CDSK_KVRpt_ECA_O8Osteo.xml
	Line	1225
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KVRpt_ECA_O8Osteo.xml#line=1225column=118]
20	FileName	CDSK_KVRpt_ECA_O8Osteo.xml
	Line	1240
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KVRpt_ECA_O8Osteo.xml#line=1240column=118]
21	FileName	CDSK_KVRpt_ECA_O8Osteo.xml
	Line	1255
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode

	Information	Value
	Reference	KNART [file:CDSK_KVRpt_ECA_O8Osteo.xml#line=1255column=118]
22	FileName	CDSK_KVRpt_ECA_O8Osteo.xml
	Line	1297
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KVRpt_ECA_O8Osteo.xml#line=1297column=118]
23	FileName	CDSK_KVRpt_ECA_O8Osteo.xml
	Line	1312
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KVRpt_ECA_O8Osteo.xml#line=1312column=118]
24	FileName	CDSK_KVRpt_ECA_O8Osteo.xml
	Line	1327
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KVRpt_ECA_O8Osteo.xml#line=1327column=118]
25	FileName	CDSK_KVRpt_ECA_O8Osteo.xml
	Line	1342
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KVRpt_ECA_O8Osteo.xml#line=1342column=118]

**Table 4.4. SOLOR Place Holders**

	Information	Value
1	FileName	CDSK_KVRpt_ECA_O8Osteo.xml
	Line	270
	Column	74
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KVRpt_ECA_O8Osteo.xml#line=270column=74]
2	FileName	CDSK_KVRpt_ECA_O8Osteo.xml
	Line	295
	Column	70
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KVRpt_ECA_O8Osteo.xml#line=295column=70]

	Information	Value
3	FileName	CDSK_KVRpt_ECA_O8Osteo.xml
	Line	354
	Column	70
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KVRpt_ECA_O8Osteo.xml#line=354column=70]
4	FileName	CDSK_KVRpt_ECA_O8Osteo.xml
	Line	375
	Column	70
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KVRpt_ECA_O8Osteo.xml#line=375column=70]
5	FileName	CDSK_KVRpt_ECA_O8Osteo.xml
	Line	416
	Column	70
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KVRpt_ECA_O8Osteo.xml#line=416column=70]
6	FileName	CDSK_KVRpt_ECA_O8Osteo.xml
	Line	437
	Column	70
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KVRpt_ECA_O8Osteo.xml#line=437column=70]
7	FileName	CDSK_KVRpt_ECA_O8Osteo.xml
	Line	437
	Column	70
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: 17b00578-6b1b-4e0b-b2ee-76f69e6061ec
	Reference	KNART [file:CDSK_KVRpt_ECA_O8Osteo.xml#line=437column=70]
8	FileName	CDSK_KVRpt_ECA_O8Osteo.xml
	Line	458
	Column	70
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KVRpt_ECA_O8Osteo.xml#line=458column=70]
9	FileName	CDSK_KVRpt_ECA_O8Osteo.xml
	Line	479
	Column	70

	Information	Value
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KVRpt_ECA_O8Osteo.xml#line=479column=70]
10	FileName	CDSK_KVRpt_ECA_O8Osteo.xml
	Line	500
	Column	70
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KVRpt_ECA_O8Osteo.xml#line=500column=70]
11	FileName	CDSK_KVRpt_ECA_O8Osteo.xml
	Line	521
	Column	70
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KVRpt_ECA_O8Osteo.xml#line=521column=70]
12	FileName	CDSK_KVRpt_ECA_O8Osteo.xml
	Line	542
	Column	70
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KVRpt_ECA_O8Osteo.xml#line=542column=70]
13	FileName	CDSK_KVRpt_ECA_O8Osteo.xml
	Line	542
	Column	70
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: 3dfd49ed-a7e4-41a5-ab44-356015e345a2
	Reference	KNART [file:CDSK_KVRpt_ECA_O8Osteo.xml#line=542column=70]