Endocrinology: Hypoglycemia Rule KNART Validation Report

Rule: Validation Report

Contract: VA118-16-D-1008, Task Order (TO): VA-118-16-F-1008-0007, CLIN0003AG

Department of Veterans Affairs

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

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Endocrinology: Hypoglycemia 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_B3Hypogly.xml
File size	70.0 KB
Type	Rule
Publication Date	05/29/2018
File Modification Date	05/29/2018 15:11:16
Well-formed XML	YES
MD5	f5c4f44dabbdb53f0b842254dfd581c3

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		05/29/2018 15:12:25
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

Table 4.2. Terminology and ANF Usage

Terminology References			
Total Codes Used [a]		35	
Resolved [b]		31	
Unresolved [c]	4	TSR Requested Codes [d]	1
		SOLOR Placeholder Codes [e]	3
		Other Unresolved [f]	0
ANF Model Reference Information			
anf:ClinicalStatement		NUM_CLINICAL_STATEMENTS	
anf:TSR-NoModel [g]		NUM_TSR_NOMODEL	

[a]Total number of unique codes referenced in the KNART XML.

[b]Number of unique codes used in the KNART XML and present in ontoserver.

[c]Number of unique codes used in the KNART XML and not found in ontoserver.

[d]Number of unique code system and code pairs referenced in the KNART XML with a placeholder ('TSR-NoCode').

[e]Number of unique codes in uuid form referenced in the KNART XML.

[f]Number of other unique codes not found in ontoserver, e.g. RXNorm codes.

[g]KAS 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_B3Hypogly.xml
	Line	635
	Column	112
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=635column=112]
2	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	650
	Column	112
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=650column=112]
3	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	665
	Column	112
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=665column=112]
4	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	679
	Column	112
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=679column=112]
5	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	694
	Column	112
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=694column=112]
6	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	708
	Column	112
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode

	Information	**Value**
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=708column=112]
7	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	722
	Column	112
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=722column=112]
8	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	736
	Column	112
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=736column=112]
9	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	825
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=825column=118]
10	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	841
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=841column=118]
11	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	857
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=857column=118]
12	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	873
	Column	118

	Information	Value
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=873column=118]
13	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	889
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=889column=118]
14	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	905
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=905column=118]
15	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	921
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=921column=118]
16	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	937
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=937column=118]
17	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	952
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=952column=118]
18	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	967

	Information	Value
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=967column=118]
19	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	1018
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=1018column=118]
20	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	1034
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=1034column=118]
21	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	1050
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=1050column=118]
22	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	1066
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=1066column=118]
23	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	1082
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=1082column=118]
24	FileName	CDSK_KRprt_ECA_B3Hypogly.xml

	Information	Value
	Line	1098
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=1098column=118]
25	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	1114
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=1114column=118]
26	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	1130
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=1130column=118]
27	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	1145
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=1145column=118]
28	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	1160
	Column	118
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=1160column=118]

Table 4.4. SOLOR Placeholders

	Information	Value
1	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	343
	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_B3Hypogly.xml#line=343column=74]
2	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	362
	Column	62
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=362column=62]
3	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	368
	Column	62
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=368column=62]
4	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	388
	Column	70
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=388column=70]
5	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	388
	Column	70
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: 729d3508-98ba-4a1d-8334-9e024a0a760e
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=388column=70]
6	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	413
	Column	70
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=413column=70]
7	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	431
	Column	62
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=431column=62]
8	FileName	CDSK_KRprt_ECA_B3Hypogly.xml

	Information	**Value**
	Line	438
	Column	62
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=438column=62]
9	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	445
	Column	62
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=445column=62]
10	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	452
	Column	62
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=452column=62]
11	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	459
	Column	62
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=459column=62]
12	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	466
	Column	62
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=466column=62]
13	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	473
	Column	62
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=473column=62]
14	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	480
	Column	62
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a

	Information	**Value**
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=480column=62]
15	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	487
	Column	62
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=487column=62]
16	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	494
	Column	62
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=494column=62]
17	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	501
	Column	62
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=501column=62]
18	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	508
	Column	62
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=508column=62]
19	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	515
	Column	62
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=515column=62]
20	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	522
	Column	62
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=522column=62]
21	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	522

	Information	Value
	Column	62
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: 598fef10-35e6-4460-a507-d23cee99c9fa
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=522column=62]
22	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	529
	Column	62
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=529column=62]
23	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	536
	Column	62
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=536column=62]
24	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	613
	Column	62
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=613column=62]
25	FileName	CDSK_KRprt_ECA_B3Hypogly.xml
	Line	620
	Column	62
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_ECA_B3Hypogly.xml#line=620column=62]