

Endocrinology: Hypoglycemia Documentation Template KNART Validation Report

Documentation Template: 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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Endocrinology: Hypoglycemia Documentation Template KNART Validation Report: Documentation Template: 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_SADT_B45Hypogly.xml
File size	113.0 KB
Type	Documentation Template
Publication Date	05/25/2018
File Modification Date	05/25/2018 08:09:35
Well-formed XML	YES
MD5	9debef7a4791aa5e380b61f0ba1fefb9

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		05/25/2018 08:11:14
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		69	
Resolved ^b		55	
Unresolved ^c	14	TSR Requested Codes ^d	1
		SOLOR Placeholder Codes ^e	9
		Other Unresolved ^f	4
ANF Model Reference Information			
anf:ClinicalStatement		NUM_CLINICAL_STATEMENTS	
anf:TSR-NoModel ^g		NUM_TSR_NOMODEL	

^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_SADT_B45Hypogly.xml
	Line	1353
	Column	97
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=1353column=97]

Table 4.4. SOLOR Placeholders

	Information	Value
1	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	398
	Column	76
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=398column=76]
2	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	409
	Column	76
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=409column=76]
3	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	409
	Column	76
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: b91c7da2-cb27-42e5-8ae9-3b7dacecbb7f
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=409column=76]
4	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	448
	Column	76
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=448column=76]
5	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	459

	Information	Value
	Column	76
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=459column=76]
6	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	495
	Column	76
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=495column=76]
7	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	518
	Column	68
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: 787bb747-3d69-4383-b69d-68937ad61f24
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=518column=68]
8	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	532
	Column	68
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=532column=68]
9	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	569
	Column	60
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=569column=60]
10	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	615
	Column	76
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=615column=76]
11	FileName	CDSK_KRprt_SADT_B45Hypogly.xml

	Information	Value
	Line	615
	Column	76
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: acd5c50a-e40a-47cd-bf34-d02bdb9f0342
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=615column=76]
12	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	622
	Column	76
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=622column=76]
13	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	653
	Column	76
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=653column=76]
14	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	653
	Column	76
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: 06cf6868-d29b-4586-9e30-fabe9594642e
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=653column=76]
15	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	684
	Column	76
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=684column=76]
16	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	684
	Column	76
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: 1b7c2726-74d4-48e7-a5b6-be5992196203
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=684column=76]

	Information	Value
17	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	729
	Column	76
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: 381be1bc-0c9d-4dc2-aa6f-56183c4123bd
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=729column=76]
18	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	729
	Column	76
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: 99ca8d24-6e83-4619-863b-1e2378229ff6
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=729column=76]
19	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	814
	Column	76
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=814column=76]
20	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	871
	Column	68
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=871column=68]
21	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	885
	Column	68
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=885column=68]
22	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	885
	Column	68
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: 729d3508-98ba-4a1d-8334-9e024a0a760e

	Information	Value
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=885column=68]
23	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	899
	Column	68
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=899column=68]
24	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	905
	Column	68
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=905column=68]
25	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	924
	Column	76
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=924column=76]
26	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	952
	Column	76
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=952column=76]
27	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	976
	Column	76
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=976column=76]
28	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	1000
	Column	76

	Information	Value
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=1000column=76]
29	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	1090
	Column	68
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=1090column=68]
30	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	1096
	Column	68
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=1096column=68]
31	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	1121
	Column	76
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=1121column=76]
32	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	1135
	Column	76
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=1135column=76]
33	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	1149
	Column	76
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=1149column=76]
34	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	1163

	Information	Value
	Column	76
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=1163column=76]
35	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	1208
	Column	84
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=1208column=84]
36	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	1214
	Column	84
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=1214column=84]
37	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	1236
	Column	76
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=1236column=76]
38	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	1250
	Column	76
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=1250column=76]
39	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	1264
	Column	76
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=1264column=76]
40	FileName	CDSK_KRprt_SADT_B45Hypogly.xml

	Information	Value
	Line	1299
	Column	76
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=1299column=76]
41	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	1363
	Column	77
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=1363column=77]
42	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	1373
	Column	77
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=1373column=77]
43	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	1385
	Column	77
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=1385column=77]
44	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	1541
	Column	60
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=1541column=60]
45	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	1568
	Column	69
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=1568column=69]

	Information	Value
46	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	1572
	Column	68
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=1572column=68]

Table 4.5. Other Unresolved

	Information	Value
1	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	744
	Column	76
	Message	Code 1165824, codeSystem http://www.nlm.nih.gov/research/umls/rxnorm not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=744column=76]
2	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	751
	Column	76
	Message	Code 377980, codeSystem http://www.nlm.nih.gov/research/umls/rxnorm not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=751column=76]
3	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	758
	Column	76
	Message	Code 1165822, codeSystem http://www.nlm.nih.gov/research/umls/rxnorm not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=758column=76]
4	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	778
	Column	84
	Message	Code 1165209, codeSystem http://www.nlm.nih.gov/research/umls/rxnorm not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=778column=84]