

Endocrinology: Hypoglycemia Documentation Template KNART Validation Report

Documentation Template: Validation Report

**Contract: VA118-16-D-1008, Task Order
(TO): VA-118-16-F-1008-0007, CLIN0005AP**

Department of Veterans Affairs



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

Publication date 06/18/2018

Version: 1.0

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	117.0 KB
Type	Documentation Template
Publication Date	06/18/2018
File Modification Date	06/18/2018 15:49:51
Well-formed XML	YES
MD5	34c1226191ffc5cbe392391d0e6e8c95

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		06/18/2018 15:50:53
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		54	
Unresolved ^c	15	TSR Requested Codes ^d	1
		SOLOR Placeholder Codes ^e	9
		Other Unresolved ^f	5
ANF Model Reference Information			
anf:ClinicalStatement		3	
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_SADT_B45Hypogly.xml
	Line	1380
	Column	97
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_SADT_B45Hypogly.xml#line=1380column=97]

Table 4.4. SOLOR Placeholders

	Information	Value
1	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	425
	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=425column=76]
2	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	436
	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=436column=76]
3	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	436
	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=436column=76]
4	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	475
	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=475column=76]
5	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	486

	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=486column=76]
6	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	522
	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=522column=76]
7	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	545
	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=545column=68]
8	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	559
	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=559column=68]
9	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	596
	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=596column=60]
10	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	642
	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=642column=76]
11	FileName	CDSK_KRprt_SADT_B45Hypogly.xml

	Information	Value
	Line	642
	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=642column=76]
12	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	649
	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=649column=76]
13	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	680
	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=680column=76]
14	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	680
	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=680column=76]
15	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	711
	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=711column=76]
16	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	711
	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=711column=76]

	Information	Value
17	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	756
	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=756column=76]
18	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	756
	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=756column=76]
19	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	841
	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=841column=76]
20	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	898
	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=898column=68]
21	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	912
	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=912column=68]
22	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	912
	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=912column=68]
23	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	926
	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=926column=68]
24	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	932
	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=932column=68]
25	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	951
	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=951column=76]
26	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	979
	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=979column=76]
27	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	1003
	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=1003column=76]
28	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	1027
	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=1027column=76]
29	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	1117
	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=1117column=68]
30	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	1123
	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=1123column=68]
31	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	1148
	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=1148column=76]
32	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	1162
	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=1162column=76]
33	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	1176
	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=1176column=76]
34	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	1190

	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=1190column=76]
35	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	1235
	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=1235column=84]
36	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	1241
	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=1241column=84]
37	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	1263
	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=1263column=76]
38	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	1277
	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=1277column=76]
39	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	1291
	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=1291column=76]
40	FileName	CDSK_KRprt_SADT_B45Hypogly.xml

	Information	Value
	Line	1326
	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=1326column=76]
41	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	1390
	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=1390column=77]
42	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	1400
	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=1400column=77]
43	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	1412
	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=1412column=77]
44	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	1568
	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=1568column=60]
45	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	1595
	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=1595column=69]

	Information	Value
46	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	1599
	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=1599column=68]

Table 4.5. Other Unresolved

	Information	Value
1	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	771
	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=771column=76]
2	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	778
	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=778column=76]
3	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	785
	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=785column=76]
4	FileName	CDSK_KRprt_SADT_B45Hypogly.xml
	Line	805
	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=805column=84]