Cardiology: Inpatient Heparin Anticoagulation Protocol Order Set KNART Validation Report

Order Set: Validation Report

Contract: VA118-16-D-1008, Task Order (TO): VA-118-16-F-1008-0007, CLIN0008DA

Department of Veterans Affairs

Cardiology: Inpatient Heparin Anticoagulation Protocol Order Set KNART Validation Report: Order Set: 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_OS_O27IPHeparin.xml
File size	377.0 KB
Type	Order Set
Publication Date	06/18/2018
File Modification Date	06/18/2018 13:38:19
Well-formed XML	YES
MD5	f88c41979df5063843e9ffb634312451

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 13:38:48
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]		31	
Resolved [b]		19	
Unresolved [c]	12	TSR Requested Codes [d]	1
		SOLOR Placeholder Codes [e]	0
		Other Unresolved [f]	11
ANF Model Reference Information			
anf:ClinicalStatement		34	
anf:TSR-NoModel [g]		0	

[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_OS_O27IPHeparin.xml
	Line	1465
	Column	134
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=1465column=134]
2	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	1711
	Column	134
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=1711column=134]
3	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	1944
	Column	134
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=1944column=134]
4	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	2177
	Column	134
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=2177column=134]
5	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	2413
	Column	134
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=2413column=134]
6	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	2649
	Column	134
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode

	Information	Value
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=2649column=134]
7	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	2885
	Column	134
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=2885column=134]
8	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	3120
	Column	134
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=3120column=134]
9	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	3355
	Column	134
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=3355column=134]
10	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	3589
	Column	134
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=3589column=134]
11	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	3825
	Column	134
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=3825column=134]
12	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	4061
	Column	134

	Information	Value
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=4061column=134]
13	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	4300
	Column	134
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=4300column=134]
14	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	4537
	Column	134
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=4537column=134]
15	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	4774
	Column	134
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=4774column=134]
16	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	5011
	Column	134
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=5011column=134]

Table 4.4. Other Unresolved

	Information	Value
1	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	566
	Column	56
	Message	Code 978755, codeSystem http://www.nlm.nih.gov/research/umls/rxnorm not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=566column=56]

	Information	Value
2	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	622
	Column	56
	Message	Code 978725, codeSystem http://www.nlm.nih.gov/research/umls/rxnorm not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=622column=56]
3	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	678
	Column	56
	Message	Code 978744, codeSystem http://www.nlm.nih.gov/research/umls/rxnorm not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=678column=56]
4	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	734
	Column	56
	Message	Code 978746, codeSystem http://www.nlm.nih.gov/research/umls/rxnorm not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=734column=56]
5	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	790
	Column	56
	Message	Code 1162664, codeSystem http://www.nlm.nih.gov/research/umls/rxnorm not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=790column=56]
6	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	863
	Column	56
	Message	Code 1162664, codeSystem http://www.nlm.nih.gov/research/umls/rxnorm not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=863column=56]
7	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	936
	Column	56
	Message	Code 861363, codeSystem http://www.nlm.nih.gov/research/umls/rxnorm not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=936column=56]
8	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	992
	Column	56

	Information	Value
	Message	Code 1361574, codeSystem http://www.nlm.nih.gov/research/umls/rxnorm not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=992column=56]
9	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	1065
	Column	56
	Message	Code 1856274, codeSystem http://www.nlm.nih.gov/research/umls/rxnorm not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=1065column=56]
10	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	1124
	Column	56
	Message	Code 0, codeSystem http://www.nlm.nih.gov/research/umls/rxnorm not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=1124column=56]
11	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	1180
	Column	56
	Message	Code 861356, codeSystem http://www.nlm.nih.gov/research/umls/rxnorm not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=1180column=56]
12	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	5204
	Column	154
	Message	Code 1421000205106, codeSystem http://snomed.info/sct not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=5204column=154]
13	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	5219
	Column	154
	Message	Code 1421000205106, codeSystem http://snomed.info/sct not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=5219column=154]