

Cardiology: Inpatient Heparin Anticoagulation Protocol 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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Cardiology: Inpatient Heparin Anticoagulation Protocol 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_OS_O27IPHeparin.xml
File size	375.0 KB
Type	Documentation Template
Publication Date	05/23/2018
File Modification Date	05/23/2018 17:11:30
Well-formed XML	YES
MD5	3161300f92052b2dd3e157ad91d8742d

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		05/23/2018 17:15:08
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

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	

^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_OS_O27IPHeparin.xml
	Line	1472
	Column	134
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=1472column=134]
2	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	1721
	Column	134
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=1721column=134]
3	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	1957
	Column	134
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=1957column=134]
4	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	2193
	Column	134
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=2193column=134]
5	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	2432
	Column	134
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=2432column=134]
6	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	2671
	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=2671column=134]
7	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	2910
	Column	134
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=2910column=134]
8	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	3148
	Column	134
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=3148column=134]
9	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	3385
	Column	134
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=3385column=134]
10	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	3622
	Column	134
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=3622column=134]
11	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	3861
	Column	134
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=3861column=134]
12	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	4100
	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=4100column=134]
13	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	4342
	Column	134
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=4342column=134]
14	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	4582
	Column	134
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=4582column=134]
15	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	4822
	Column	134
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=4822column=134]
16	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	5062
	Column	134
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=5062column=134]

Table 4.4. Other Unresolved

	Information	Value
1	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	570
	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=570column=56]

	Information	Value
2	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	626
	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=626column=56]
3	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	682
	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=682column=56]
4	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	738
	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=738column=56]
5	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	794
	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=794column=56]
6	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	867
	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=867column=56]
7	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	940
	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=940column=56]
8	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	996
	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=996column=56]
9	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	1069
	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=1069column=56]
10	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	1128
	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=1128column=56]
11	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	1184
	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=1184column=56]
12	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	5258
	Column	70
	Message	Code 1421000205106, codeSystem http://snomed.info/sct not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=5258column=70]
13	FileName	CDSK_KRprt_OS_O27IPHeparin.xml
	Line	5274
	Column	70
	Message	Code 1421000205106, codeSystem http://snomed.info/sct not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_OS_O27IPHeparin.xml#line=5274column=70]