

Cardiology: Cardiac Catheterization 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: Cardiac Catheterization 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_O30CardCath.xml
File size	138.0 KB
Type	Documentation Template
Publication Date	06/19/2018
File Modification Date	06/19/2018 10:27:57
Well-formed XML	YES
MD5	58c8659f93f101a0045adab562328901

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		06/19/2018 10:29:18
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		66		
Resolved ^b		62		
Unresolved ^c	4	TSR Requested Codes ^d	1	
		SOLOR Placeholder Codes ^e	2	
		Other Unresolved ^f	1	
ANF Model Reference Information				
anf:ClinicalStatement		14		
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_O30CardCath.xml
	Line	692
	Column	97
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_SADT_O30CardCath.xml#line=692column=97]
2	FileName	CDSK_KRprt_SADT_O30CardCath.xml
	Line	700
	Column	97
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_SADT_O30CardCath.xml#line=700column=97]
3	FileName	CDSK_KRprt_SADT_O30CardCath.xml
	Line	729
	Column	97
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_SADT_O30CardCath.xml#line=729column=97]
4	FileName	CDSK_KRprt_SADT_O30CardCath.xml
	Line	737
	Column	97
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_SADT_O30CardCath.xml#line=737column=97]
5	FileName	CDSK_KRprt_SADT_O30CardCath.xml
	Line	745
	Column	97
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_SADT_O30CardCath.xml#line=745column=97]
6	FileName	CDSK_KRprt_SADT_O30CardCath.xml
	Line	753
	Column	97
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode

	Information	Value
	Reference	KNART [file:CDSK_KRprt_SADT_O30CardCath.xml#line=753column=97]
7	FileName	CDSK_KRprt_SADT_O30CardCath.xml
	Line	761
	Column	97
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_SADT_O30CardCath.xml#line=761column=97]
8	FileName	CDSK_KRprt_SADT_O30CardCath.xml
	Line	769
	Column	97
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_SADT_O30CardCath.xml#line=769column=97]
9	FileName	CDSK_KRprt_SADT_O30CardCath.xml
	Line	776
	Column	97
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_SADT_O30CardCath.xml#line=776column=97]
10	FileName	CDSK_KRprt_SADT_O30CardCath.xml
	Line	802
	Column	97
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_SADT_O30CardCath.xml#line=802column=97]
11	FileName	CDSK_KRprt_SADT_O30CardCath.xml
	Line	810
	Column	97
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_SADT_O30CardCath.xml#line=810column=97]
12	FileName	CDSK_KRprt_SADT_O30CardCath.xml
	Line	816
	Column	97

	Information	Value
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_SADT_O30CardCath.xml#line=816column=97]
13	FileName	CDSK_KRprt_SADT_O30CardCath.xml
	Line	824
	Column	97
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_SADT_O30CardCath.xml#line=824column=97]
14	FileName	CDSK_KRprt_SADT_O30CardCath.xml
	Line	837
	Column	92
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_SADT_O30CardCath.xml#line=837column=92]

Table 4.4. SOLOR Placeholders

	Information	Value
1	FileName	CDSK_KRprt_SADT_O30CardCath.xml
	Line	653
	Column	60
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_O30CardCath.xml#line=653column=60]
2	FileName	CDSK_KRprt_SADT_O30CardCath.xml
	Line	667
	Column	60
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_O30CardCath.xml#line=667column=60]
3	FileName	CDSK_KRprt_SADT_O30CardCath.xml
	Line	711
	Column	77
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: 000ca427-81f2-4af6-829e-06fa21957039

	Information	Value
	Reference	KNART [file:CDSK_KRprt_SADT_O30CardCath.xml#line=711column=77]
4	FileName	CDSK_KRprt_SADT_O30CardCath.xml
	Line	792
	Column	68
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_O30CardCath.xml#line=792column=68]
5	FileName	CDSK_KRprt_SADT_O30CardCath.xml
	Line	852
	Column	68
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_O30CardCath.xml#line=852column=68]
6	FileName	CDSK_KRprt_SADT_O30CardCath.xml
	Line	866
	Column	68
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_O30CardCath.xml#line=866column=68]
7	FileName	CDSK_KRprt_SADT_O30CardCath.xml
	Line	886
	Column	77
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_O30CardCath.xml#line=886column=77]
8	FileName	CDSK_KRprt_SADT_O30CardCath.xml
	Line	895
	Column	77
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_O30CardCath.xml#line=895column=77]
9	FileName	CDSK_KRprt_SADT_O30CardCath.xml
	Line	904
	Column	77

	Information	Value
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_O30CardCath.xml#line=904column=77]
10	FileName	CDSK_KRprt_SADT_O30CardCath.xml
	Line	913
	Column	77
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_O30CardCath.xml#line=913column=77]
11	FileName	CDSK_KRprt_SADT_O30CardCath.xml
	Line	928
	Column	68
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_O30CardCath.xml#line=928column=68]
12	FileName	CDSK_KRprt_SADT_O30CardCath.xml
	Line	943
	Column	68
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_O30CardCath.xml#line=943column=68]
13	FileName	CDSK_KRprt_SADT_O30CardCath.xml
	Line	966
	Column	68
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_O30CardCath.xml#line=966column=68]
14	FileName	CDSK_KRprt_SADT_O30CardCath.xml
	Line	981
	Column	68
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_O30CardCath.xml#line=981column=68]
15	FileName	CDSK_KRprt_SADT_O30CardCath.xml
	Line	996

	Information	Value
	Column	68
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_O30CardCath.xml#line=996column=68]
16	FileName	CDSK_KRprt_SADT_O30CardCath.xml
	Line	1406
	Column	68
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_O30CardCath.xml#line=1406column=68]
17	FileName	CDSK_KRprt_SADT_O30CardCath.xml
	Line	1451
	Column	68
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_O30CardCath.xml#line=1451column=68]
18	FileName	CDSK_KRprt_SADT_O30CardCath.xml
	Line	1605
	Column	68
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_O30CardCath.xml#line=1605column=68]
19	FileName	CDSK_KRprt_SADT_O30CardCath.xml
	Line	1624
	Column	77
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_O30CardCath.xml#line=1624column=77]
20	FileName	CDSK_KRprt_SADT_O30CardCath.xml
	Line	1633
	Column	77
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_O30CardCath.xml#line=1633column=77]
21	FileName	CDSK_KRprt_SADT_O30CardCath.xml

	Information	Value
	Line	1642
	Column	77
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_O30CardCath.xml#line=1642column=77]
22	FileName	CDSK_KRprt_SADT_O30CardCath.xml
	Line	1651
	Column	77
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
23	Reference	KNART [file:CDSK_KRprt_SADT_O30CardCath.xml#line=1651column=77]
	FileName	CDSK_KRprt_SADT_O30CardCath.xml
	Line	1660
	Column	77
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_SADT_O30CardCath.xml#line=1660column=77]

Table 4.5. Other Unresolved

	Information	Value
1	FileName	CDSK_KRprt_SADT_O30CardCath.xml
	Line	378
	Column	69
	Message	Code 1411000205104, codeSystem http://snomed.info/sct not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_SADT_O30CardCath.xml#line=378column=69]