

Gastroenterology: Colorectal Cancer Risk Documentation Template KNART Validation Report

Documentation Template: Validation Report

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

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Gastroenterology: Colorectal Cancer Risk 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_CRDT_B42Colos.xml
File size	155.0 KB
Type	Documentation Template
Publication Date	06/18/2018
File Modification Date	06/18/2018 16:06:38
Well-formed XML	YES
MD5	27150998559ccd9e05a92895f7e2a062

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 16:07:07
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		35	
Resolved ^b		30	
Unresolved ^c	5	TSR Requested Codes ^d	1
		SOLOR Placeholder Codes ^e	3
		Other Unresolved ^f	1
ANF Model Reference Information			
anf:ClinicalStatement		17	
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_CRDT_B42Colos.xml
	Line	432
	Column	106
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=432column=106]
2	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	460
	Column	106
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=460column=106]
3	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	488
	Column	106
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=488column=106]
4	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	516
	Column	106
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=516column=106]
5	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	530
	Column	106
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=530column=106]
6	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	544
	Column	106
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode

	Information	Value
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=544column=106]
7	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	572
	Column	106
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=572column=106]
8	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	586
	Column	106
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=586column=106]
9	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	1224
	Column	89
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=1224column=89]
10	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	1230
	Column	89
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=1230column=89]
11	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	1236
	Column	89
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=1236column=89]
12	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	1245
	Column	89

	Information	Value
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=1245column=89]
13	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	1251
	Column	89
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=1251column=89]
14	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	1257
	Column	89
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=1257column=89]
15	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	1263
	Column	89
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=1263column=89]
16	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	1269
	Column	89
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=1269column=89]
17	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	1275
	Column	89
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=1275column=89]
18	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	1281

	Information	Value
	Column	89
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=1281column=89]
19	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	1287
	Column	89
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=1287column=89]
20	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	1925
	Column	97
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=1925column=97]
21	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	1964
	Column	97
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=1964column=97]
22	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	1970
	Column	97
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=1970column=97]
23	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	1976
	Column	97
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=1976column=97]
24	FileName	CDSK_KRprt_CRDT_B42Colos.xml

	Information	Value
	Line	1982
	Column	97
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=1982column=97]
25	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	1988
	Column	97
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=1988column=97]
26	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	1997
	Column	97
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=1997column=97]
27	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	2003
	Column	97
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=2003column=97]
28	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	2009
	Column	97
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=2009column=97]
29	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	2015
	Column	97
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=2015column=97]

	Information	Value
30	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	2021
	Column	97
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=2021column=97]
31	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	2027
	Column	97
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=2027column=97]

Table 4.4. SOLOR Placeholders

	Information	Value
1	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	404
	Column	182
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: 163925a8-8c77-4832-8d57-00be4f5764d5
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=404column=182]
2	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	633
	Column	60
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=633column=60]
3	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	907
	Column	85
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=907column=85]
4	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	916
	Column	85

	Information	Value
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=916column=85]
5	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	977
	Column	85
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=977column=85]
6	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	986
	Column	85
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=986column=85]
7	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	1061
	Column	85
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=1061column=85]
8	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	1070
	Column	85
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=1070column=85]
9	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	1206
	Column	126
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=1206column=126]
10	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	1475
	Column	147
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a

	Information	Value
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=1475column=147]
11	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	1790
	Column	135
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=1790column=135]
12	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	1816
	Column	65
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=1816column=65]
13	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	1816
	Column	65
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: b1ad8fa9-668d-4191-930f-eebfdf13a914
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=1816column=65]
14	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	1862
	Column	138
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=1862column=138]
15	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	1935
	Column	77
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=1935column=77]
16	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	1945
	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_CRDT_B42Colos.xml#line=1945column=77]
17	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	2067
	Column	68
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=2067column=68]
18	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	2081
	Column	68
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=2081column=68]
19	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	2094
	Column	68
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=2094column=68]
20	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	2120
	Column	68
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=2120column=68]
21	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	2133
	Column	68
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=2133column=68]
22	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	2146

	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_CRDT_B42Colos.xml#line=2146column=68]

Table 4.5. Other Unresolved

	Information	Value
1	FileName	CDSK_KRprt_CRDT_B42Colos.xml
	Line	210
	Column	108
	Message	Code 453231000124104, codeSystem http://snomed.info/sct not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_CRDT_B42Colos.xml#line=210column=108]