

# **Gastroenterology: Colorectal Cancer Risk – Rectal bleeding, or Positive Screening Test Order Set KNART Validation Report**

## **Order Set: Validation Report**

**Contract: VA118-16-D-1008, Task Order (TO): VA-118-16-F-1008-0007, CLIN0004AL**

**Department of Veterans Affairs**



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

**Publication date 05/18/2018**

**Version: 1.0**

---

# **Gastroenterology: Colorectal Cancer Risk – Rectal bleeding, or Positive Screening Test 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)

Publication date 05/18/2018

---

---

## Table of Contents

1. Basic File and Well-formedness Tests .....	1
2. XSD Schema Checks .....	2
3. Schematron Checks .....	3
4. Terminology Checks via Ontoserver .....	4

---

## List of Tables

1.1. Summary .....	1
2.1. KAS Schema Validation Summary .....	2
3.1. Editorial Convention Check .....	3
4.1. Ontoserver Information .....	4
4.2. Terminology and ANF Usage .....	4
4.3. SOLOR Placeholders .....	5
4.4. Other Unresolved .....	5

---

# Chapter 1. Basic File and Well-formedness Tests

**Table 1.1. Summary**

Information	Value
File name	CDSK_KRprt_OS_B24ColosRecBld.xml
File size	26.0 KB
Type	Order Set
Publication Date	05/18/2018
File Modification Date	05/18/2018 14:58:26
Well-formed XML	YES
MD5	b35c50b378859a44755ff8a958b17913

---

# 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		<a href="https://ontoserver.hspconsortium.org/fhir">https://ontoserver.hspconsortium.org/fhir</a>
Ontoserver Version		5.0
Date of Code Checks		05/18/2018 14:59:25
SNOMED	Version	<a href="http://snomed.info/sct/731000124108/version/20170901">http://snomed.info/sct/731000124108/version/20170901</a> , <a href="http://snomed.info/sct/900000000000207008/version/20170731">http://snomed.info/sct/900000000000207008/version/20170731</a>
	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 <sup>a</sup>		12	
Resolved <sup>b</sup>		8	
Unresolved <sup>c</sup>	4	TSR Requested Codes <sup>d</sup>	0
		SOLOR Placeholder Codes <sup>e</sup>	2
		Other Unresolved <sup>f</sup>	2
ANF Model Reference Information			
anf:ClinicalStatement		3	
anf:TSR-NoModel <sup>g</sup>		0	

<sup>a</sup>Total number of unique codes referenced in the KNART XML.

<sup>b</sup>Number of unique codes used in the KNART XML and present in ontoserver.

<sup>c</sup>Number of unique codes used in the KNART XML and not found in ontoserver.

<sup>d</sup>Number of unique code system and code pairs referenced in the KNART XML with a placeholder ('TSR-NoCode').

<sup>e</sup>Number of unique codes in uuid form referenced in the KNART XML.

<sup>f</sup>Number of other unique codes not found in ontoserver, e.g. RXNorm codes.

<sup>g</sup>KAS elements modeled as 'anf:TSR-NoModel' indicates they cannot be modeled in the current version of ANF.



**Table 4.3. SOLOR Placeholders**

	Information	Value
1	FileName	CDSK_KRprt_OS_B24ColosRecBld.xml
	Line	419
	Column	73
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: d34b8103-26df-49b8-92aa-cb5f592e9517
	Reference	KNART [file:CDSK_KRprt_OS_B24ColosRecBld.xml#line=419column=73]
2	FileName	CDSK_KRprt_OS_B24ColosRecBld.xml
	Line	441
	Column	73
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: f165e620-5c1d-4289-b327-d41b4cf3eaac
	Reference	KNART [file:CDSK_KRprt_OS_B24ColosRecBld.xml#line=441column=73]

**Table 4.4. Other Unresolved**

	Information	Value
1	FileName	CDSK_KRprt_OS_B24ColosRecBld.xml
	Line	228
	Column	108
	Message	Code 453231000124104, codeSystem http://snomed.info/sct not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_OS_B24ColosRecBld.xml#line=228column=108]
2	FileName	CDSK_KRprt_OS_B24ColosRecBld.xml
	Line	244
	Column	105
	Message	Code 5351000124100, codeSystem http://snomed.info/sct not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_OS_B24ColosRecBld.xml#line=244column=105]