

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)**

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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)

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Chapter 1. Basic File and Well-formedness Tests

Table 1.1. Summary

| Information | Value |
|------------------------|----------------------------------|
| File name | CDSK_KRprt_OS_B24ColosRecBld.xml |
| File size | 30.0 KB |
| Type | Order Set |
| Publication Date | 06/18/2018 |
| File Modification Date | 06/18/2018 15:46:04 |
| Well-formed XML | YES |
| MD5 | a7417c721438e9fd211b38a2926aed7e |

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 15:46:29 |
| 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 | | 12 | |
| Resolved ^b | | 8 | |
| Unresolved ^c | 4 | TSR Requested Codes ^d | 0 |
| | | SOLOR Placeholder Codes ^e | 2 |
| | | Other Unresolved ^f | 2 |
| ANF Model Reference Information | | | |
| anf:ClinicalStatement | | 3 | |
| 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. SOLOR Placeholders

| | Information | Value |
|---|-------------|--|
| 1 | FileName | CDSK_KRprt_OS_B24ColosRecBld.xml |
| | Line | 431 |
| | Column | 196 |
| | 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=431column=196] |
| 2 | FileName | CDSK_KRprt_OS_B24ColosRecBld.xml |
| | Line | 451 |
| | Column | 200 |
| | 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=451column=200] |

Table 4.4. Other Unresolved

| | Information | Value |
|---|-------------|---|
| 1 | FileName | CDSK_KRprt_OS_B24ColosRecBld.xml |
| | Line | 209 |
| | Column | 108 |
| | Message | Code 453231000124104, codeSystem http://snomed.info/sct not found in Ontoserver. |
| | Reference | KNART [file:CDSK_KRprt_OS_B24ColosRecBld.xml#line=209column=108] |
| 2 | FileName | CDSK_KRprt_OS_B24ColosRecBld.xml |
| | Line | 225 |
| | Column | 105 |
| | Message | Code 5351000124100, codeSystem http://snomed.info/sct not found in Ontoserver. |
| | Reference | KNART [file:CDSK_KRprt_OS_B24ColosRecBld.xml#line=225column=105] |