# Gastroenterology: Hepatitis C Documentation Template KNART Validation Report

## Documentation Template: Validation Report

**Contract: VA118-16-D-1008, Task Order
(TO): VA-118-16-F-1008-0007, CLIN0005AR**

**Department of Veterans Affairs**



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

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# Gastroenterology: Hepatitis C 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_B43HepC.xml |
| File size | 93.0 KB |
| Type | Documentation Template |
| Publication Date | 06/06/2018 |
| File Modification Date | 06/06/2018 13:57:30 |
| Well-formed XML | YES |
| MD5 | de307529545ea6be3040a6f8e84df58b |

# 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 | | 06/06/2018 13:59:29 |
| 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] | | 54 | |
| Resolved [b] | | 53 | |
| Unresolved [c] | 1 | TSR Requested Codes [d] | 0 |
| | | SOLOR Placeholder Codes [e] | 1 |
| | | Other Unresolved [f] | 0 |
| ANF Model Reference Information | | | |
| anf:ClinicalStatement | | 17 | |
| anf:TSR-NoModel [g] | | 0 | |

[a]Total number of unique codes referenced in the KNART XML.

[b]Number of unique codes used in the KNART XML and present in ontoserver.

[c]Number of unique codes used in the KNART XML and not found in ontoserver.

[d]Number of unique code system and code pairs referenced in the KNART XML with a placeholder ('TSR-NoCode').

[e]Number of unique codes in uuid form referenced in the KNART XML.

[f]Number of other unique codes not found in ontoserver, e.g. RXNorm codes.

[g]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_CRDT_B43HepC.xml |
|   | Line | 440 |
|   | Column | 62 |
|   | Message | TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a |
|   | Reference | KNART [file:CDSK_KRprt_CRDT_B43HepC.xml#line=440column=62] |
| 2 | FileName | CDSK_KRprt_CRDT_B43HepC.xml |
|   | Line | 453 |
|   | Column | 62 |
|   | Message | TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a |
|   | Reference | KNART [file:CDSK_KRprt_CRDT_B43HepC.xml#line=453column=62] |
| 3 | FileName | CDSK_KRprt_CRDT_B43HepC.xml |
|   | Line | 465 |
|   | Column | 62 |
|   | Message | TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a |
|   | Reference | KNART [file:CDSK_KRprt_CRDT_B43HepC.xml#line=465column=62] |
| 4 | FileName | CDSK_KRprt_CRDT_B43HepC.xml |
|   | Line | 471 |
|   | Column | 62 |
|   | Message | TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a |
|   | Reference | KNART [file:CDSK_KRprt_CRDT_B43HepC.xml#line=471column=62] |
| 5 | FileName | CDSK_KRprt_CRDT_B43HepC.xml |
|   | Line | 477 |
|   | Column | 62 |
|   | Message | TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a |
|   | Reference | KNART [file:CDSK_KRprt_CRDT_B43HepC.xml#line=477column=62] |
| 6 | FileName | CDSK_KRprt_CRDT_B43HepC.xml |
|   | Line | 489 |
|   | Column | 62 |
|   | Message | TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a |
|   | Reference | KNART [file:CDSK_KRprt_CRDT_B43HepC.xml#line=489column=62] |
| 7 | FileName | CDSK_KRprt_CRDT_B43HepC.xml |
|   | Line | 501 |

|  | Information | Value |
|---|---|---|
|  | Column | 62 |
|  | Message | TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a |
|  | Reference | KNART [file:CDSK_KRprt_CRDT_B43HepC.xml#line=501column=62] |
| 8 | FileName | CDSK_KRprt_CRDT_B43HepC.xml |
|  | Line | 513 |
|  | Column | 62 |
|  | Message | TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a |
|  | Reference | KNART [file:CDSK_KRprt_CRDT_B43HepC.xml#line=513column=62] |
| 9 | FileName | CDSK_KRprt_CRDT_B43HepC.xml |
|  | Line | 690 |
|  | Column | 60 |
|  | Message | TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a |
|  | Reference | KNART [file:CDSK_KRprt_CRDT_B43HepC.xml#line=690column=60] |
| 10 | FileName | CDSK_KRprt_CRDT_B43HepC.xml |
|  | Line | 697 |
|  | Column | 60 |
|  | Message | TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a |
|  | Reference | KNART [file:CDSK_KRprt_CRDT_B43HepC.xml#line=697column=60] |
| 11 | FileName | CDSK_KRprt_CRDT_B43HepC.xml |
|  | Line | 712 |
|  | Column | 60 |
|  | Message | TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a |
|  | Reference | KNART [file:CDSK_KRprt_CRDT_B43HepC.xml#line=712column=60] |
| 12 | FileName | CDSK_KRprt_CRDT_B43HepC.xml |
|  | Line | 940 |
|  | Column | 76 |
|  | Message | TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a |
|  | Reference | KNART [file:CDSK_KRprt_CRDT_B43HepC.xml#line=940column=76] |
| 13 | FileName | CDSK_KRprt_CRDT_B43HepC.xml |
|  | Line | 951 |
|  | Column | 103 |
|  | Message | TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a |

|  | Information | Value |
|---|---|---|
|  | Reference | KNART [file:CDSK_KRprt_CRDT_B43HepC.xml#line=951column=103] |
| 14 | FileName | CDSK_KRprt_CRDT_B43HepC.xml |
|  | Line | 962 |
|  | Column | 103 |
|  | Message | TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a |
|  | Reference | KNART [file:CDSK_KRprt_CRDT_B43HepC.xml#line=962column=103] |
| 15 | FileName | CDSK_KRprt_CRDT_B43HepC.xml |
|  | Line | 983 |
|  | Column | 68 |
|  | Message | TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a |
|  | Reference | KNART [file:CDSK_KRprt_CRDT_B43HepC.xml#line=983column=68] |
| 16 | FileName | CDSK_KRprt_CRDT_B43HepC.xml |
|  | Line | 1002 |
|  | Column | 68 |
|  | Message | TSR requested for codeSystem: http://snomed.info/sct and code: a997cc03-3e99-40eb-833a-6374c7750a3a |
|  | Reference | KNART [file:CDSK_KRprt_CRDT_B43HepC.xml#line=1002column=68] |