Cardiology: Electrophysiology (EP): Atrial Fibrillation/Atrial Flutter 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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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_B6EPAF.xml |
| File size | 148.0 KB |
| Type | Order Set |
| Publication Date | 06/12/2018 |
| File Modification Date | 06/20/2018 15:13:44 |
| Well-formed XML | YES |
| MD5 | 1ee0524befd22030d2690b4f4cf8a255 |

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 Check | S | 06/20/2018 15:14:26 |
| 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 | Version | 2016-03-23 |
| EducationLevel | Codes | 9 |

Table 4.2. Terminology and ANF Usage

| Terminology References | | | | |
|---------------------------------|----|-------------------------------------|----|--|
| Total Codes Used ^a | | 45 | | |
| Resolved b | | 28 | | |
| Unresolved ^c | 17 | TSR Requested Codes ^d | 0 | |
| | | SOLOR Placeholder Codes e | 2 | |
| | | Other Unresolved f | 15 | |
| ANF Model Reference Information | | | | |
| anf:ClinicalStatement | | 27 | | |
| 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_B6EPAF.xml |
| | Line | 515 |
| | Column | 45 |
| | Message | TSR requested for codeSystem: http://snomed.info/sct and code: 246d1a3f-1598-4ca2-a8c8-fbd3aa406882 |
| | Reference | KNART [file:CDSK_KRprt_OS_B6EPAF.xml#line=515column=45] |
| 2 | FileName | CDSK_KRprt_OS_B6EPAF.xml |
| | Line | 915 |
| | Column | 81 |
| | Message | TSR requested for codeSystem: http://snomed.info/sct and code: bd01faa8-443c-4ad6-9cb6-ea50b4d7a093 |
| | Reference | KNART [file:CDSK_KRprt_OS_B6EPAF.xml#line=915column=81] |

Table 4.4. Other Unresolved

| | Information | Value |
|---|-------------|--|
| 1 | FileName | CDSK_KRprt_OS_B6EPAF.xml |
| | Line | 508 |
| | Column | 45 |
| | Message | Code 453231000124104, codeSystem http://snomed.info/sct not found in Ontoserver. |
| | Reference | KNART [file:CDSK_KRprt_OS_B6EPAF.xml#line=508column=45] |
| 2 | FileName | CDSK_KRprt_OS_B6EPAF.xml |
| | Line | 1126 |
| | Column | 82 |
| | Message | Code 866514, codeSystem http://www.nlm.nih.gov/research/umls/rxnorm not found in Ontoserver. |
| | Reference | KNART [file:CDSK_KRprt_OS_B6EPAF.xml#line=1126column=82] |
| 3 | FileName | CDSK_KRprt_OS_B6EPAF.xml |
| | Line | 1198 |
| | Column | 82 |
| | Message | Code 866427, codeSystem http://www.nlm.nih.gov/research/umls/rxnorm not found in Ontoserver. |
| | Reference | KNART [file:CDSK_KRprt_OS_B6EPAF.xml#line=1198column=82] |
| 4 | FileName | CDSK_KRprt_OS_B6EPAF.xml |
| | Line | 1270 |
| | Column | 82 |
| | Message | Code 833217, codeSystem http://www.nlm.nih.gov/research/umls/rxnorm not found in Ontoserver. |
| | Reference | KNART [file:CDSK_KRprt_OS_B6EPAF.xml#line=1270column=82] |

| | Information | Value |
|----|-------------|---|
| 5 | FileName | CDSK_KRprt_OS_B6EPAF.xml |
| | Line | 1343 |
| | Column | 82 |
| | Message | Code 830861, codeSystem http://www.nlm.nih.gov/research/umls/rxnorm not found in Ontoserver. |
| | Reference | KNART [file:CDSK_KRprt_OS_B6EPAF.xml#line=1343column=82] |
| 6 | FileName | CDSK_KRprt_OS_B6EPAF.xml |
| | Line | 1415 |
| | Column | 82 |
| | Message | Code 197604, codeSystem http://www.nlm.nih.gov/research/umls/rxnorm not found in Ontoserver. |
| | Reference | KNART [file:CDSK_KRprt_OS_B6EPAF.xml#line=1415column=82] |
| 7 | FileName | CDSK_KRprt_OS_B6EPAF.xml |
| | Line | 1497 |
| | Column | 82 |
| | Message | Code 308416, codeSystem http://www.nlm.nih.gov/research/umls/rxnorm not found in Ontoserver. |
| | Reference | KNART [file:CDSK_KRprt_OS_B6EPAF.xml#line=1497column=82] |
| 8 | FileName | CDSK_KRprt_OS_B6EPAF.xml |
| | Line | 1569 |
| | Column | 82 |
| | Message | Code 309362, codeSystem http://www.nlm.nih.gov/research/umls/rxnorm not found in Ontoserver. |
| | Reference | KNART [file:CDSK_KRprt_OS_B6EPAF.xml#line=1569column=82] |
| 9 | FileName | CDSK_KRprt_OS_B6EPAF.xml |
| | Line | 1652 |
| | Column | 82 |
| | Message | Code 1364445, codeSystem http://www.nlm.nih.gov/research/umls/rxnorm not found in Ontoserver. |
| | Reference | KNART [file:CDSK_KRprt_OS_B6EPAF.xml#line=1652column=82] |
| 10 | FileName | CDSK_KRprt_OS_B6EPAF.xml |
| | Line | 1717 |
| | Column | 82 |
| | Message | Code 1364435, codeSystem http://www.nlm.nih.gov/research/umls/rxnorm not found in Ontoserver. |
| | Reference | KNART [file:CDSK_KRprt_OS_B6EPAF.xml#line=1717column=82] |
| 11 | FileName | CDSK_KRprt_OS_B6EPAF.xml |
| | Line | 1789 |
| | Column | 82 |

| | Information | Value |
|----|-------------|---|
| | Message | Code 1037045, codeSystem http://www.nlm.nih.gov/research/umls/rxnorm not found in Ontoserver. |
| | Reference | KNART [file:CDSK_KRprt_OS_B6EPAF.xml#line=1789column=82] |
| 12 | FileName | CDSK_KRprt_OS_B6EPAF.xml |
| | Line | 1861 |
| | Column | 82 |
| | Message | Code 1037179, codeSystem http://www.nlm.nih.gov/research/umls/rxnorm not found in Ontoserver. |
| | Reference | KNART [file:CDSK_KRprt_OS_B6EPAF.xml#line=1861column=82] |
| 13 | FileName | CDSK_KRprt_OS_B6EPAF.xml |
| | Line | 1933 |
| | Column | 82 |
| | Message | Code 1232086, codeSystem http://www.nlm.nih.gov/research/umls/rxnorm not found in Ontoserver. |
| | Reference | KNART [file:CDSK_KRprt_OS_B6EPAF.xml#line=1933column=82] |
| 14 | FileName | CDSK_KRprt_OS_B6EPAF.xml |
| | Line | 2005 |
| | Column | 82 |
| | Message | Code 1232082, codeSystem http://www.nlm.nih.gov/research/umls/rxnorm not found in Ontoserver. |
| | Reference | KNART [file:CDSK_KRprt_OS_B6EPAF.xml#line=2005column=82] |
| 15 | FileName | CDSK_KRprt_OS_B6EPAF.xml |
| | Line | 2086 |
| | Column | 88 |
| | Message | Code 855302, codeSystem http://www.nlm.nih.gov/research/umls/rxnorm not found in Ontoserver. |
| | Reference | KNART [file:CDSK_KRprt_OS_B6EPAF.xml#line=2086column=88] |