Primary Care: Panic Laboratory Value Alert Rule KNART Validation Report

Rule: Validation Report

Contract: VA118-16-D-1008, Task Order (TO): VA-118-16-F-1008-0007, CLIN0007AA

Department of Veterans Affairs

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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_ECA_O2PanicLabVal.xml
File size	22.0 KB
Type	Rule
Publication Date	06/12/2018
File Modification Date	06/12/2018 09:16:09
Well-formed XML	YES
MD5	bf672a4cf79e20e98b1c62942eaa2d48

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		06/12/2018 09:16:40
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]		7	
Resolved [b]		6	
Unresolved [c]	1	TSR Requested Codes [d]	0
		SOLOR Placeholder Codes [e]	1
		Other Unresolved [f]	0
ANF Model Reference Information			
anf:ClinicalStatement		0	
anf:TSR-NoModel [g]		1	

[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_ECA_O2PanicLabVal.xml
	Line	338
	Column	66
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: eb5e7c0f-9e85-4c2c-a3f9-3cd17ac8af8e
	Reference	KNART [file:CDSK_KRprt_ECA_O2PanicLabVal.xml#line=338column=66]

Table 4.4. Unmodeled Concepts (anf:TSR-NoModel)

	Information	Value
1	FileName	CDSK_KRprt_ECA_O2PanicLabVal.xml
	Line	367
	Column	85
	Message	Although a TSR was requested, "Notify the clinical provider of the critical threshold laboratory test result through the laboratory management system" could not be modeled using ANF
	Reference	KNART [file:CDSK_KRprt_ECA_O2PanicLabVal.xml#line=367column=85]