

Mental Health: Opioids and Chronic Noncancer Pain Opioid Therapy Risk Report (OTRR)/Stratification Tool for Opioid Risk Mitigation (STORM) Query Documentation Template KNART Validation Report Documentation Template: Validation Report

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

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Mental Health: Opioids and Chronic Noncancer Pain Opioid Therapy Risk Report (OTRR)/Stratification Tool for Opioid Risk Mitigation (STORM) Query 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_SADT_O29OTRRSTORM.xml
File size	50.0 KB
Type	Documentation Template
Publication Date	06/06/2018
File Modification Date	06/06/2018 16:07:28
Well-formed XML	YES
MD5	1d83c43f74556fba774af892d9720f1b

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 16:08:08
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		6		
Resolved ^b		2		
Unresolved ^c	4	TSR Requested Codes ^d	1	
		SOLOR Placeholder Codes ^e	2	
		Other Unresolved ^f	1	
ANF Model Reference Information				
anf:ClinicalStatement		0		
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. TSR Requested Codes

	Information	Value
1	FileName	CDSK_KRprt_SADT_O29OTRRSTORM.xml
	Line	649
	Column	88
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_SADT_O29OTRRSTORM.xml#line=649column=88]
2	FileName	CDSK_KRprt_SADT_O29OTRRSTORM.xml
	Line	657
	Column	88
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_SADT_O29OTRRSTORM.xml#line=657column=88]
3	FileName	CDSK_KRprt_SADT_O29OTRRSTORM.xml
	Line	665
	Column	88
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_SADT_O29OTRRSTORM.xml#line=665column=88]
4	FileName	CDSK_KRprt_SADT_O29OTRRSTORM.xml
	Line	673
	Column	88
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_SADT_O29OTRRSTORM.xml#line=673column=88]
5	FileName	CDSK_KRprt_SADT_O29OTRRSTORM.xml
	Line	709
	Column	88
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_SADT_O29OTRRSTORM.xml#line=709column=88]
6	FileName	CDSK_KRprt_SADT_O29OTRRSTORM.xml
	Line	717
	Column	88
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode

	Information	Value
	Reference	KNART [file:CDSK_KRprt_SADT_O29OTRRSTORM.xml#line=717column=88]
7	FileName	CDSK_KRprt_SADT_O29OTRRSTORM.xml
	Line	725
	Column	88
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_SADT_O29OTRRSTORM.xml#line=725column=88]
8	FileName	CDSK_KRprt_SADT_O29OTRRSTORM.xml
	Line	744
	Column	88
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_SADT_O29OTRRSTORM.xml#line=744column=88]
9	FileName	CDSK_KRprt_SADT_O29OTRRSTORM.xml
	Line	752
	Column	88
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_SADT_O29OTRRSTORM.xml#line=752column=88]
10	FileName	CDSK_KRprt_SADT_O29OTRRSTORM.xml
	Line	760
	Column	88
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_SADT_O29OTRRSTORM.xml#line=760column=88]
11	FileName	CDSK_KRprt_SADT_O29OTRRSTORM.xml
	Line	768
	Column	88
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_SADT_O29OTRRSTORM.xml#line=768column=88]
12	FileName	CDSK_KRprt_SADT_O29OTRRSTORM.xml
	Line	776
	Column	88

	Information	Value
13	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_SADT_O29OTRRSTORM.xml#line=776column=88]
	FileName	CDSK_KRprt_SADT_O29OTRRSTORM.xml
	Line	784
	Column	88
13	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_SADT_O29OTRRSTORM.xml#line=784column=88]

Table 4.4. SOLOR Placeholders

	Information	Value
1	FileName	CDSK_KRprt_SADT_O29OTRRSTORM.xml
	Line	623
	Column	144
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: 073a1b36-a013-4199-9d56-274cc3605908
	Reference	KNART [file:CDSK_KRprt_SADT_O29OTRRSTORM.xml#line=623column=144]
2	FileName	CDSK_KRprt_SADT_O29OTRRSTORM.xml
	Line	802
	Column	48
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: 2eab2687-6f77-4218-a5a7-01af4bc04ab1
	Reference	KNART [file:CDSK_KRprt_SADT_O29OTRRSTORM.xml#line=802column=48]

Table 4.5. Other Unresolved

	Information	Value
1	FileName	CDSK_KRprt_SADT_O29OTRRSTORM.xml
	Line	354
	Column	108
	Message	Code 453231000124104, codeSystem http://snomed.info/sct not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_SADT_O29OTRRSTORM.xml#line=354column=108]