

# **Mental Health: Chronic Noncancer Pain Order Set KNART Validation Report**

## **Order Set: Validation Report**

**Contract: VA118-16-D-1008, Task Order  
(TO): VA-118-16-F-1008-0007, CLIN0008BA**

**Department of Veterans Affairs**



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

**Publication date 05/29/2018**

**Version: 1.0**

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# **Mental Health: Chronic Noncancer Pain 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)

Publication date 05/29/2018

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# Chapter 1. Basic File and Well-formedness Tests

**Table 1.1. Summary**

Information	Value
File name	CDSK_KRprt_OS_O21ChNCPain.xml
File size	172.0 KB
Type	Order Set
Publication Date	05/29/2018
File Modification Date	05/29/2018 18:39:26
Well-formed XML	YES
MD5	b1e8e2deb995a88b612350767d209bb6

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# 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

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# 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

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# 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		05/29/2018 18:41:14
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 <sup>a</sup>		61	
Resolved <sup>b</sup>		41	
Unresolved <sup>c</sup>	20	TSR Requested Codes <sup>d</sup>	0
		SOLOR Placeholder Codes <sup>e</sup>	3
		Other Unresolved <sup>f</sup>	17
ANF Model Reference Information			
anf:ClinicalStatement		NUM_CLINICAL_STATEMENTS	
anf:TSR-NoModel <sup>g</sup>		NUM_TSR_NOMODEL	

<sup>a</sup>Total number of unique codes referenced in the KNART XML.

<sup>b</sup>Number of unique codes used in the KNART XML and present in ontoserver.

<sup>c</sup>Number of unique codes used in the KNART XML and not found in ontoserver.

<sup>d</sup>Number of unique code system and code pairs referenced in the KNART XML with a placeholder ('TSR-NoCode').

<sup>e</sup>Number of unique codes in uuid form referenced in the KNART XML.

<sup>f</sup>Number of other unique codes not found in ontoserver, e.g. RXNorm codes.

<sup>g</sup>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_OS_O21ChNCPain.xml
	Line	1701
	Column	73
	Message	TSR requested for codeSystem: <a href="http://snomed.info/sct">http://snomed.info/sct</a> and code: 85acf077-d744-48bc-b57a-fa3b5ce12d97
	Reference	KNART [file:CDSK_KRprt_OS_O21ChNCPain.xml#line=1701column=73]
2	FileName	CDSK_KRprt_OS_O21ChNCPain.xml
	Line	2075
	Column	82
	Message	TSR requested for codeSystem: <a href="http://snomed.info/sct">http://snomed.info/sct</a> and code: b6216dfc-5b5f-4823-9bc8-ce9c79d67709
	Reference	KNART [file:CDSK_KRprt_OS_O21ChNCPain.xml#line=2075column=82]
3	FileName	CDSK_KRprt_OS_O21ChNCPain.xml
	Line	2209
	Column	82
	Message	TSR requested for codeSystem: <a href="http://snomed.info/sct">http://snomed.info/sct</a> and code: 05257e84-e247-4f2e-bb83-dccd395d56a8
	Reference	KNART [file:CDSK_KRprt_OS_O21ChNCPain.xml#line=2209column=82]

**Table 4.4. Other Unresolved**

	Information	Value
1	FileName	CDSK_KRprt_OS_O21ChNCPain.xml
	Line	348
	Column	108
	Message	Code 453231000124104, codeSystem <a href="http://snomed.info/sct">http://snomed.info/sct</a> not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_OS_O21ChNCPain.xml#line=348column=108]
2	FileName	CDSK_KRprt_OS_O21ChNCPain.xml
	Line	618
	Column	82
	Message	Code 310965, codeSystem <a href="http://www.nlm.nih.gov/research/umls/rxnorm">http://www.nlm.nih.gov/research/umls/rxnorm</a> not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_OS_O21ChNCPain.xml#line=618column=82]
3	FileName	CDSK_KRprt_OS_O21ChNCPain.xml
	Line	705

	Information	Value
	Column	82
	Message	Code 198013, codeSystem <a href="http://www.nlm.nih.gov/research/umls/rxnorm">http://www.nlm.nih.gov/research/umls/rxnorm</a> not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_OS_O21ChNCPain.xml#line=705column=82]
4	FileName	CDSK_KRprt_OS_O21ChNCPain.xml
	Line	793
	Column	82
	Message	Code 313782, codeSystem <a href="http://www.nlm.nih.gov/research/umls/rxnorm">http://www.nlm.nih.gov/research/umls/rxnorm</a> not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_OS_O21ChNCPain.xml#line=793column=82]
5	FileName	CDSK_KRprt_OS_O21ChNCPain.xml
	Line	882
	Column	82
	Message	Code 205322, codeSystem <a href="http://www.nlm.nih.gov/research/umls/rxnorm">http://www.nlm.nih.gov/research/umls/rxnorm</a> not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_OS_O21ChNCPain.xml#line=882column=82]
6	FileName	CDSK_KRprt_OS_O21ChNCPain.xml
	Line	967
	Column	82
	Message	Code 197805, codeSystem <a href="http://www.nlm.nih.gov/research/umls/rxnorm">http://www.nlm.nih.gov/research/umls/rxnorm</a> not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_OS_O21ChNCPain.xml#line=967column=82]
7	FileName	CDSK_KRprt_OS_O21ChNCPain.xml
	Line	1054
	Column	82
	Message	Code 198012, codeSystem <a href="http://www.nlm.nih.gov/research/umls/rxnorm">http://www.nlm.nih.gov/research/umls/rxnorm</a> not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_OS_O21ChNCPain.xml#line=1054column=82]
8	FileName	CDSK_KRprt_OS_O21ChNCPain.xml
	Line	1141
	Column	82
	Message	Code 205323, codeSystem <a href="http://www.nlm.nih.gov/research/umls/rxnorm">http://www.nlm.nih.gov/research/umls/rxnorm</a> not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_OS_O21ChNCPain.xml#line=1141column=82]
9	FileName	CDSK_KRprt_OS_O21ChNCPain.xml

	Information	Value
	Line	1226
	Column	82
	Message	Code 197806, codeSystem <a href="http://www.nlm.nih.gov/research/umls/rxnorm">http://www.nlm.nih.gov/research/umls/rxnorm</a> not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_OS_O21ChNCPain.xml#line=1226column=82]
10	FileName	CDSK_KRprt_OS_O21ChNCPain.xml
	Line	1313
	Column	82
	Message	Code 198014, codeSystem <a href="http://www.nlm.nih.gov/research/umls/rxnorm">http://www.nlm.nih.gov/research/umls/rxnorm</a> not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_OS_O21ChNCPain.xml#line=1313column=82]
11	FileName	CDSK_KRprt_OS_O21ChNCPain.xml
	Line	1408
	Column	82
	Message	Code 646333, codeSystem <a href="http://www.nlm.nih.gov/research/umls/rxnorm">http://www.nlm.nih.gov/research/umls/rxnorm</a> not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_OS_O21ChNCPain.xml#line=1408column=82]
12	FileName	CDSK_KRprt_OS_O21ChNCPain.xml
	Line	1476
	Column	82
	Message	Code 1043479, codeSystem <a href="http://www.nlm.nih.gov/research/umls/rxnorm">http://www.nlm.nih.gov/research/umls/rxnorm</a> not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_OS_O21ChNCPain.xml#line=1476column=82]
13	FileName	CDSK_KRprt_OS_O21ChNCPain.xml
	Line	1544
	Column	82
	Message	Code 1745091, codeSystem <a href="http://www.nlm.nih.gov/research/umls/rxnorm">http://www.nlm.nih.gov/research/umls/rxnorm</a> not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_OS_O21ChNCPain.xml#line=1544column=82]
14	FileName	CDSK_KRprt_OS_O21ChNCPain.xml
	Line	1569
	Column	151
	Message	Code 739003001, codeSystem <a href="http://snomed.info/sct">http://snomed.info/sct</a> not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_OS_O21ChNCPain.xml#line=1569column=151]

	Information	Value
15	FileName	CDSK_KRprt_OS_O21ChNCPain.xml
	Line	1613
	Column	82
	Message	Code 311498, codeSystem <a href="http://www.nlm.nih.gov/research/umls/rxnorm">http://www.nlm.nih.gov/research/umls/rxnorm</a> not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_OS_O21ChNCPain.xml#line=1613column=82]
16	FileName	CDSK_KRprt_OS_O21ChNCPain.xml
	Line	2023
	Column	81
	Message	Code 449861000124107, codeSystem <a href="http://snomed.info/sct">http://snomed.info/sct</a> not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_OS_O21ChNCPain.xml#line=2023column=81]
17	FileName	CDSK_KRprt_OS_O21ChNCPain.xml
	Line	2125
	Column	81
	Message	Code 444831000124102, codeSystem <a href="http://snomed.info/sct">http://snomed.info/sct</a> not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_OS_O21ChNCPain.xml#line=2125column=81]