# Cardiology: Electrophysiology (EP): Primary Prevention Implantable cardioverter-defibrillator (ICD) Implant 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)

Publication date 06/25/2018

Version: 1.0

## Cardiology: Electrophysiology (EP): Primary Prevention Implantable cardioverter-defibrillator (ICD) Implant 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)

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# **Chapter 1. Basic File and Well- formedness Tests**

**Table 1.1. Summary** 

Information	Value
File name	CDSK_KRprt_OS_B9EPICDImp.xml
File size	38.0 KB
Type	Order Set
Publication Date	06/25/2018
File Modification Date	06/25/2018 15:43:10
Well-formed XML	YES
MD5	1608d28e95e722f78308c5d582371cdd

## **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		06/25/2018 15:43:44
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 <sup>a</sup>		14	
Resolved b		11	
Unresolved <sup>c</sup>	3	TSR Requested Codes <sup>d</sup>	0
		SOLOR Placeholder Codes e	3
		Other Unresolved f	0
ANF Model Reference Information			
anf:ClinicalStatement		9	
anf:TSR-NoModel <sup>g</sup>		0	

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

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

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

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

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

<sup>&</sup>lt;sup>f</sup>Number 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_B9EPICDImp.xml
	Line	307
	Column	70
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: 3926f554-a4c5-40d3-bcc5-03a2c9aa6a20
	Reference	KNART [file:CDSK_KRprt_OS_B9EPICDImp.xml#line=307column=70]
2	FileName	CDSK_KRprt_OS_B9EPICDImp.xml
	Line	332
	Column	70
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: 3926f554-a4c5-40d3-bcc5-03a2c9aa6a20
	Reference	KNART [file:CDSK_KRprt_OS_B9EPICDImp.xml#line=332column=70]
3	FileName	CDSK_KRprt_OS_B9EPICDImp.xml
	Line	340
	Column	71
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: 7e9369ba-1dae-4013-96ae-e31ce7ebfedf
	Reference	KNART [file:CDSK_KRprt_OS_B9EPICDImp.xml#line=340column=71]
4	FileName	CDSK_KRprt_OS_B9EPICDImp.xml
	Line	455
	Column	65
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: 7e9369ba-1dae-4013-96ae-e31ce7ebfedf
	Reference	KNART [file:CDSK_KRprt_OS_B9EPICDImp.xml#line=455column=65]
5	FileName	CDSK_KRprt_OS_B9EPICDImp.xml
	Line	486
	Column	65
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: 7e9369ba-1dae-4013-96ae-e31ce7ebfedf
	Reference	KNART [file:CDSK_KRprt_OS_B9EPICDImp.xml#line=486column=65]
6	FileName	CDSK_KRprt_OS_B9EPICDImp.xml
	Line	517
	Column	65
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: 7e9369ba-1dae-4013-96ae-e31ce7ebfedf
	Reference	KNART [file:CDSK_KRprt_OS_B9EPICDImp.xml#line=517column=65]
7	FileName	CDSK_KRprt_OS_B9EPICDImp.xml
	Line	542
		·

Information	Value
Column	64
Message	TSR requested for codeSystem: http://snomed.info/sct and code: 85acf077-d744-48bc-b57a-fa3b5ce12d97
Reference	KNART [file:CDSK_KRprt_OS_B9EPICDImp.xml#line=542column=64]