

# **Gastroenterology: Hepatitis C - Elbasvir/Grazoprevir Order Set KNART Validation Report**

## **Order Set: Validation Report**

**Contract: VA118-16-D-1008, Task Order  
(TO): VA-118-16-F-1008-0007, CLIN0004AM**

**Department of Veterans Affairs**



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

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# **Gastroenterology: Hepatitis C - Elbasvir/Grazoprevir 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_B28HepCElbGraz.xml
File size	218.0 KB
Type	Order Set
Publication Date	05/03/2018
File Modification Date	05/03/2018 16:11:25
Well-formed XML	YES
MD5	f7b0a543e13e6f117779495cd496d08f

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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. Terminology Information**

Information		Value
Ontoserver URL		https://ontoserver.hspconsortium.org/fhir
Ontoserver Version		5.0
Date of Code Checks		05/03/2018 16:16:19
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
Total Codes Used		257
Total Unresolved Codes		26
Total Resolved Codes		231

**Table 4.2. Error Detail**

Information		Value
1	FileName	CDSK_KRprt_OS_B28HepCElbGraz.xml
	Line	329
	Column	108
	Message	Code 453231000124104, codeSystem http://snomed.info/sct not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_OS_B28HepCElbGraz.xml#line=329column=108]
2	FileName	CDSK_KRprt_OS_B28HepCElbGraz.xml
	Line	766
	Column	82
	Message	Code 1734636, codeSystem http://www.nlm.nih.gov/research/umls/rxnorm not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_OS_B28HepCElbGraz.xml#line=766column=82]
3	FileName	CDSK_KRprt_OS_B28HepCElbGraz.xml
	Line	859



	Information	Value
	Column	82
	Message	Code 1734636, 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_B28HepCElbGraz.xml#line=859column=82]
4	FileName	CDSK_KRprt_OS_B28HepCElbGraz.xml
	Line	944
	Column	82
	Message	Code 312817, 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_B28HepCElbGraz.xml#line=944column=82]
5	FileName	CDSK_KRprt_OS_B28HepCElbGraz.xml
	Line	1001
	Column	82
	Message	Code 312817, 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_B28HepCElbGraz.xml#line=1001column=82]
6	FileName	CDSK_KRprt_OS_B28HepCElbGraz.xml
	Line	1096
	Column	82
	Message	Code 1734636, 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_B28HepCElbGraz.xml#line=1096column=82]
7	FileName	CDSK_KRprt_OS_B28HepCElbGraz.xml
	Line	1181
	Column	82
	Message	Code 312817, 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_B28HepCElbGraz.xml#line=1181column=82]
8	FileName	CDSK_KRprt_OS_B28HepCElbGraz.xml
	Line	1241
	Column	82
	Message	Code 312817, 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_B28HepCElbGraz.xml#line=1241column=82]
9	FileName	CDSK_KRprt_OS_B28HepCElbGraz.xml

	Information	Value
	Line	1348
	Column	82
	Message	Code 312817, 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_B28HepCElbGraz.xml#line=1348column=82]
10	FileName	CDSK_KRprt_OS_B28HepCElbGraz.xml
	Line	1433
	Column	82
	Message	Code 312817, 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_B28HepCElbGraz.xml#line=1433column=82]
11	FileName	CDSK_KRprt_OS_B28HepCElbGraz.xml
	Line	1503
	Column	82
	Message	Code 312817, 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_B28HepCElbGraz.xml#line=1503column=82]
12	FileName	CDSK_KRprt_OS_B28HepCElbGraz.xml
	Line	1598
	Column	82
	Message	Code 1734636, 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_B28HepCElbGraz.xml#line=1598column=82]
13	FileName	CDSK_KRprt_OS_B28HepCElbGraz.xml
	Line	1691
	Column	82
	Message	Code 1734636, 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_B28HepCElbGraz.xml#line=1691column=82]
14	FileName	CDSK_KRprt_OS_B28HepCElbGraz.xml
	Line	1770
	Column	82
	Message	Code 312817, 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_B28HepCElbGraz.xml#line=1770column=82]

	Information	Value
15	FileName	CDSK_KRprt_OS_B28HepCElbGraz.xml
	Line	1811
	Column	82
	Message	Code 312817, 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_B28HepCElbGraz.xml#line=1811column=82]
16	FileName	CDSK_KRprt_OS_B28HepCElbGraz.xml
	Line	1906
	Column	82
	Message	Code 1734636, 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_B28HepCElbGraz.xml#line=1906column=82]
17	FileName	CDSK_KRprt_OS_B28HepCElbGraz.xml
	Line	1993
	Column	82
	Message	Code 1734636, 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_B28HepCElbGraz.xml#line=1993column=82]
18	FileName	CDSK_KRprt_OS_B28HepCElbGraz.xml
	Line	2072
	Column	82
	Message	Code 312817, 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_B28HepCElbGraz.xml#line=2072column=82]
19	FileName	CDSK_KRprt_OS_B28HepCElbGraz.xml
	Line	2119
	Column	82
	Message	Code 312817, 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_B28HepCElbGraz.xml#line=2119column=82]
20	FileName	CDSK_KRprt_OS_B28HepCElbGraz.xml
	Line	2215
	Column	82
	Message	Code 312817, codeSystem <a href="http://www.nlm.nih.gov/research/umls/rxnorm">http://www.nlm.nih.gov/research/umls/rxnorm</a> not found in Ontoserver.

	Information	Value
	Reference	KNART [file:CDSK_KRprt_OS_B28HepCElbGraz.xml#line=2215column=82]
21	FileName	CDSK_KRprt_OS_B28HepCElbGraz.xml
	Line	2279
	Column	82
	Message	Code 312817, 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_B28HepCElbGraz.xml#line=2279column=82]
22	FileName	CDSK_KRprt_OS_B28HepCElbGraz.xml
	Line	2351
	Column	82
	Message	Code 312817, 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_B28HepCElbGraz.xml#line=2351column=82]
23	FileName	CDSK_KRprt_OS_B28HepCElbGraz.xml
	Line	2435
	Column	82
	Message	Code 312817, 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_B28HepCElbGraz.xml#line=2435column=82]
24	FileName	CDSK_KRprt_OS_B28HepCElbGraz.xml
	Line	2550
	Column	82
	Message	Code Hepatic function panel 1 time routine, codeSystem <a href="http://snomed.info/sct">http://snomed.info/sct</a> not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_OS_B28HepCElbGraz.xml#line=2550column=82]
25	FileName	CDSK_KRprt_OS_B28HepCElbGraz.xml
	Line	2550
	Column	82
	Message	Code Hepatic function panel 1 time routine, codeSystem <a href="http://snomed.info/sct">http://snomed.info/sct</a> is an invalid code format.
	Reference	KNART [file:CDSK_KRprt_OS_B28HepCElbGraz.xml#line=2550column=82]
26	FileName	CDSK_KRprt_OS_B28HepCElbGraz.xml
	Line	2594
	Column	82

	Information	Value
	Message	Code 1421000205106, codeSystem http://snomed.info/sct not found in Ontoserver.
	Reference	KNART [file:CDSK_KRprt_OS_B28HepCElbGraz.xml#line=2594column=82]

**Table 4.3. Requested Codes**

	Information	Value
1	FileName	CDSK_KRprt_OS_B28HepCElbGraz.xml
	Line	3028
	Column	127
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: TSR-NoCode
	Reference	KNART [file:CDSK_KRprt_OS_B28HepCElbGraz.xml#line=3028column=127]

**Table 4.4. SOLOR Place Holders**

	Information	Value
1	FileName	CDSK_KRprt_OS_B28HepCElbGraz.xml
	Line	687
	Column	61
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: 8671fdfe-53a5-4cae-91a3-61fd23f5bbd4
	Reference	KNART [file:CDSK_KRprt_OS_B28HepCElbGraz.xml#line=687column=61]
2	FileName	CDSK_KRprt_OS_B28HepCElbGraz.xml
	Line	2906
	Column	82
	Message	TSR requested for codeSystem: http://snomed.info/sct and code: 8671fdfe-53a5-4cae-91a3-61fd23f5bbd4
	Reference	KNART [file:CDSK_KRprt_OS_B28HepCElbGraz.xml#line=2906column=82]