

# **Recommended Immunizations Order Set KNART Validation Report**

## **Order Set: Validation Report**

**Contract: VA118-16-D-1008, Task Order  
(TO): VA-118-16-F-1008-0007, CLIN0008AA**

**Department of Veterans Affairs**



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

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# Recommended Immunizations 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_O15Immun.xml       |
| File size              | 94.0 KB                          |
| Type                   | Order Set                        |
| Publication Date       | 06/22/2018                       |
| File Modification Date | 06/22/2018 12:58:45              |
| Well-formed XML        | YES                              |
| MD5                    | 01b64104f185b93085bd45ca18bc3f3a |

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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,<br>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           |         | 06/22/2018 12:59:10   |
| 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>   |   | 15                                   |   |
| Resolved <sup>b</sup>           |   | 15                                   |   |
| Unresolved <sup>c</sup>         | 0 | TSR Requested Codes <sup>d</sup>     | 0 |
|                                 |   | SOLOR Placeholder Codes <sup>e</sup> | 0 |
|                                 |   | Other Unresolved <sup>f</sup>        | 0 |
| ANF Model Reference Information |   |                                      |   |
| anf:ClinicalStatement           |   | 4                                    |   |
| anf:TSR-NoModel <sup>g</sup>    |   | 0                                    |   |

<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.