

HITSP/C28 - Emergency Care Summary Documents

IHE PCC - ED Nursing Note

Examples

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This folder contains examples of HITSP/C28 – Emergency Care - Nursing Note documents. However, the HITSP/C28 collection of notes points directly to IHE Patient Care Coordination (PCC) technical framework for specification of its profiles. Thus the HITSP/C28 Emergency Care Nursing Note profile is identical to the IHE PCC v3.0 Emergency Department Nursing Note Module.

All of these examples are valid CDA/R2 documents without extensions. They can be validated for conformance to HITSP/C28 – Emergency Care Nursing Note using the [Validation Tool](#) at the [NIST CDA Guideline Validation](#) web site.

CDA_IHE_Nursing_Minimal_NO_templateIds

This document is generated directly from the CDA/R2 schema to have the minimal number of elements. It carries no templateIds. When tested against the rules for HITSP/C28-Nursing at the NIST site it raises 7 CRS errors and 1 C28 Nursing Note error. The CRS errors are for missing <addr> and <telecom> elements on a number of items, the identification of a person as author, a missing <documentationOf>/<serviceEvent> element, and a required CRS template Id (2.16.840.1.113883.10). The one C28 Nursing Note error is for a missing ED Nursing Note templateId (1.3.6.1.4.1.19376.1.5.3.1.1.13.1.2) on the root ClinicalDocument element.

CDA_IHE_Nursing_Minimal_TWO_templateIds

This document is equivalent to the above minimal CDA/R2 document, but with addition of the two missing templateIds and other elements identified above. When tested against the rules for HITSP/C28-Nursing at the NIST site it raises 4 additional CRS errors for missing Header information and 9 C28 Nursing note errors – one for missing its parent IHE summary document templateId, two for type errors in the header, and 6 for missing templateIds to the 6 required CDA Sections in an IHE PCC ED Nursing Note.

CDA_IHE_Nursing_Minimal_TWO_FIXED

This document is equivalent to the above document that carries just two templateIds, but with fixes to the CRS omissions and the two C28 header errors, and with addition of the 7 required templateIds. The errors do not say where the new templateIds should be placed, so they are all at the root element. When tested against the rules for HITSP/C28-Nursing at the NIST site it raises 7 additional CRS errors, 3 CRS warnings, 17 C28 Errors and one Note. Other examples in this folder are the result of addressing these Errors one at a time.

CDA_IHE_Nursing_Minimal_ALL_templateIds

This document is equivalent to the above minimal CDA/R2 document, but with the addition of ALL templateIds known to be related to the Nursing Note. There are a total of 19 such templateIds. All are placed on the root ClinicalDocument element. When tested against the rules for HITSP/C28-Nursing at the NIST site it raises 8 CRS errors, 42 C28 Errors, and 18 C28 Warnings. Most of the errors are generated because the templateIds were not placed on the proper CDA elements and are missing required elements

CDA_IHE_Nursing_Minimal_Valid_WithWarnings

This document is equivalent to the TWO_FIXED document above, but with the addition of all required CDA Sections and the proper placement of CCD and IHE templateIds within those sections. The Errors were addressed one at a time, then new Errors raised by added constructs were addressed, etc, until when tested against the rules for HITSP/C28-Nursing at the NIST site it raised No Errors! However, this document still raises 3 CRS Warnings, 9 CCD SHOULD warnings (because of required CCD templateIds added to the document), 15 C28 Warnings, and one C28 Note. Other examples in this folder are the result of addressing these Warnings one at a time. This document may serve as an abstract template for Minimal Conformance to the HITSP/C28 – Emergency Care Nursing Note.

CDA_IHE_Nursing_Minimal_Valid_NoWarnings

This document is equivalent to the above “Valid_WithWarnings” document above, but with the minimal addition of new constructs to eliminate the CCD SHOULD warnings and the C28 Warnings one at a time, then retested to eliminate both Errors and Warnings raises by added constructs, etc, until when tested against the rules for HITSP/C28-Nursing at the NIST site it raised No Errors, no CCD SHOULD warnings, and no C28 Warnings. This document still raises one C28 Note concerning the absence of an optional IHE Nursing Assessments Battery. This document may serve as an abstract template for Conformance to the HITSP/C28 – Emergency Care Nursing Note with the addition of all Required-if-Known data elements.

CDA_IHE_Nursing_Minimal_CleanReport

This document is equivalent to the above “Valid_WithWarnings” document above, but with the minimal addition of an optional IHE Nursing Assessments Battery. This addition raises new Errors and Warnings that need to be eliminated one at a time, with recursive retesting and reconstructing until when tested against the rules for HITSP/C28-Nursing at the NIST site it raised No Errors, no CCD SHOULD warnings, no C28 Warnings, and no C28 Notes. This document may serve as an abstract template for Conformance to the HITSP/C28 – Emergency Care Nursing Note with one non-trivial entry in each required section and with the addition of all Required-if-Known elements. It does NOT include constructs for other optional C28 data elements for which guidance Notes have not yet been written.