

Implementation Guide for CDA Release 2
CDA IG Consolidation
Working Group Draft

**PROTOTYPE: FOR DISCUSSION
AND DEMONSTRATION USE ONLY
(Consolidated Developer Documentation)**

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Acknowledgments

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Chapter 1

DOCUMENT TEMPLATES

Topics:

- [*Consultation Request*](#)
- [*Consultation Summary*](#)
- [*Discharge Instructions*](#)
- [*Discharge Summary*](#)

This section contains the document level constraints for CDA documents that are compliant with this implementation guide.

Consultation Request

[ClinicalDocument: templateId 2.16.840.1.113883.3.1275.1.1.4.1]

1. **SHALL** conform to *Consol General Header Constraints* template (templateId: 2.16.840.1.113883.10.20.22.1.1)
2. **SHALL** contain exactly one [1..1] **realmCode/@code**="US" (CONF:5249)
3. **SHALL** contain exactly one [1..1] **typeId** (CONF:5361)
4. **SHALL** contain exactly one [1..1] **id** (CONF:5363)
5. **SHALL** contain exactly one [1..1] **code** (CONF:5253)
6. **SHALL** contain exactly one [1..1] **title** (CONF:5254)
7. **SHALL** contain exactly one [1..1] **effectiveTime** (CONF:5256)
8. **SHALL** contain exactly one [1..1] **confidentialityCode**, which **SHALL** be selected from ValueSet 2.16.840.1.113883.1.11.16926 BasicConfidentialityKind **STATIC** (CONF:5259)
9. **SHALL** contain exactly one [1..1] **languageCode**, which **SHALL** be selected from ValueSet 2.16.840.1.113883.1.11.11526 Language **DYNAMIC** (CONF:5372)
10. **MAY** contain zero or one [0..1] **setId** (CONF:5261)
11. **MAY** contain zero or one [0..1] **versionNumber** (CONF:5264)
12. Contains exactly one [1..1] **component**, where its type is *Component2*
13. **SHALL** contain at least one [1..*] **recordTarget** (CONF:5266), such that
 - The recordTarget records the patient whose health information is described by the clinical document; it must contain at least one patientRole element.
14. **MAY** contain exactly one [1..1] **componentOf** (CONF:9955), such that
15. **SHALL** contain at least one [1..*] **author** (CONF:5444), such that
16. **MAY** contain zero or one [0..1] **dataEnterer** (CONF:5441), such that
17. **SHALL** contain exactly one [1..1] **custodian** (iv., CONF:5519), such that
18. **MAY** contain zero or more [0..*] **informationRecipient** (CONF:5565), such that
19. **SHOULD** contain zero or one [0..1] **legalAuthenticator** (CONF:5579), such that
20. **MAY** contain zero or more [0..*] **authenticator** (CONF:5607), such that
21. **MAY** contain zero or one [0..1] **informant** (CONF:8001), such that
22. **MAY** contain zero or more [0..*] **supportParticipant** (CONF:10003), such that
23. **MAY** contain zero or more [0..*] **inFulfillmentOf** (CONF:9952), such that
24. Contains exactly one [1..1] **component**, such that
 - a. Contains exactly one [1..1] *Consol Allergies Section Entries Optional* (templateId: 2.16.840.1.113883.10.20.22.2.6)
25. Contains zero or one [0..1] **component**, such that
 - a. Contains exactly one [1..1] *Consol Assessment And Plan Section* (templateId: 2.16.840.1.113883.10.20.22.2.9)
26. Contains zero or one [0..1] **component**, such that
 - a. Contains exactly one [1..1] *Consol History Of Present Illness Section* (templateId: 1.3.6.1.4.1.19376.1.5.3.1.3.4)
27. Contains zero or one [0..1] **component**, such that
 - a. Contains exactly one [1..1] *Consol Physical Exam Section* (templateId: 2.16.840.1.113883.10.20.2.10)
28. Contains zero or one [0..1] **component**, such that
 - a. Contains exactly one [1..1] *Consol Reason For Referral Section* (templateId: 1.3.6.1.4.1.19376.1.5.3.1.3.1)
29. Contains exactly one [1..1] **component**, such that
 - a. Contains exactly one [1..1] *Consol Medications Section Entries Optional* (templateId: 2.16.840.1.113883.10.20.22.2.1)

30. Contains exactly one [1..1] **component**, such that
- a. Contains exactly one [1..1] *Consol Problem Section Entries Optional* (templateId: 2.16.840.1.113883.10.20.22.2.5)
31. Contains zero or one [0..1] **component**, such that
- a. Contains exactly one [1..1] *Consol Procedures Section Entries Optional* (templateId: 2.16.840.1.113883.10.20.22.2.7)
32. Contains exactly one [1..1] **component**, such that
- a. Contains exactly one [1..1] *Consol Results Section Entries Optional* (templateId: 2.16.840.1.113883.10.20.22.2.3)
33. Contains exactly one [1..1] **component**, such that
- a. Contains exactly one [1..1] *Consol Advance Directives Section Entries Optional* (templateId: 2.16.840.1.113883.10.20.22.2.21)
34. Contains zero or one [0..1] **component**, such that
- a. Contains exactly one [1..1] *Consol Encounters Section Entries Optional* (templateId: 2.16.840.1.113883.10.20.22.2.22)
35. Contains zero or one [0..1] **component**, such that
- a. Contains exactly one [1..1] *Consol Family History Section* (templateId: 2.16.840.1.113883.10.20.22.2.15)
36. Contains zero or one [0..1] **component**, such that
- a. Contains exactly one [1..1] *Consol Functional Status Section* (templateId: 2.16.840.1.113883.10.20.22.2.14)
37. Contains zero or one [0..1] **component**, such that
- a. Contains exactly one [1..1] *Consol Immunizations Section Entries Optional* (templateId: 2.16.840.1.113883.10.20.22.2.2)
38. Contains zero or one [0..1] **component**, such that
- a. Contains exactly one [1..1] *Consol Medical Equipment Section* (templateId: 2.16.840.1.113883.10.20.22.2.23)
39. Contains zero or one [0..1] **component**, such that
- a. Contains exactly one [1..1] *Consol Plan Of Care Section* (templateId: 2.16.840.1.113883.10.20.22.2.10)
40. Contains zero or one [0..1] **component**, such that
- a. Contains exactly one [1..1] *Consol Social History Section* (templateId: 2.16.840.1.113883.10.20.22.2.17)
41. Contains zero or one [0..1] **component**, such that
- a. Contains exactly one [1..1] *Consol Vital Signs Section Entries Optional* (templateId: 2.16.840.1.113883.10.20.22.2.4)
42. Contains zero or one [0..1] **component**, such that
- a. Contains exactly one [1..1] *Consol Chief Complaint Section* (templateId: 1.3.6.1.4.1.19376.1.5.3.1.1.13.2.1)
43. Contains zero or one [0..1] **component**, such that
- a. Contains exactly one [1..1] *Consol Chief Complaint And Reason For Visit Section* (templateId: 2.16.840.1.113883.10.20.22.2.13)
44. Contains zero or one [0..1] **component**, such that
- a. Contains exactly one [1..1] *Consol General Status Section* (templateId: 2.16.840.1.113883.10.20.2.5)
45. Contains zero or one [0..1] **component**, such that

- a. Contains exactly one [1..1] *Consol History Of Past Illness Section* (templateId: 2.16.840.1.113883.10.20.22.2.20)
- 46. Contains zero or one [0..1] **component**, such that
 - a. Contains exactly one [1..1] *Consol Payers Section* (templateId: 2.16.840.1.113883.10.20.22.2.18)

Consultation Request example

Consultation Summary

[ClinicalDocument: templateId 2.16.840.1.113883.3.1275.1.1.3.1]

1. **SHALL** conform to *Consol General Header Constraints* template (templateId: 2.16.840.1.113883.10.20.22.1.1)
2. **SHALL** contain exactly one [1..1] **realmCode/@code="US"** (CONF:5249)
3. **SHALL** contain exactly one [1..1] **typeId** (CONF:5361)
4. **SHALL** contain exactly one [1..1] **id** (CONF:5363)
5. **SHALL** contain exactly one [1..1] **code** (CONF:5253)
6. **SHALL** contain exactly one [1..1] **title** (CONF:5254)
7. **SHALL** contain exactly one [1..1] **effectiveTime** (CONF:5256)
8. **SHALL** contain exactly one [1..1] **confidentialityCode**, which **SHALL** be selected from ValueSet 2.16.840.1.113883.1.11.16926 BasicConfidentialityKind **STATIC** (CONF:5259)
9. **SHALL** contain exactly one [1..1] **languageCode**, which **SHALL** be selected from ValueSet 2.16.840.1.113883.1.11.11526 Language **DYNAMIC** (CONF:5372)
10. **MAY** contain zero or one [0..1] **setId** (CONF:5261)
11. **MAY** contain zero or one [0..1] **versionNumber** (CONF:5264)
12. Contains exactly one [1..1] **component**, where its type is *Component2*
13. **SHALL** contain at least one [1..*] **recordTarget** (CONF:5266), such that
 - The recordTarget records the patient whose health information is described by the clinical document; it must contain at least one patientRole element.
14. **MAY** contain exactly one [1..1] **componentOf** (CONF:9955), such that
15. **SHALL** contain at least one [1..*] **author** (CONF:5444), such that
16. **MAY** contain zero or one [0..1] **dataEnterer** (CONF:5441), such that
17. **SHALL** contain exactly one [1..1] **custodian** (iv., CONF:5519), such that
18. **MAY** contain zero or more [0..*] **informationRecipient** (CONF:5565), such that
19. **SHOULD** contain zero or one [0..1] **legalAuthenticator** (CONF:5579), such that
20. **MAY** contain zero or more [0..*] **authenticator** (CONF:5607), such that
21. **MAY** contain zero or one [0..1] **informant** (CONF:8001), such that
22. **MAY** contain zero or more [0..*] **supportParticipant** (CONF:10003), such that
23. **MAY** contain zero or more [0..*] **inFulfillmentOf** (CONF:9952), such that
24. Contains exactly one [1..1] **component**, such that
 - a. Contains exactly one [1..1] *Consol Allergies Section Entries Optional* (templateId: 2.16.840.1.113883.10.20.22.2.6)
25. Contains exactly one [1..1] **component**, such that
 - a. Contains exactly one [1..1] *Consol Medications Section Entries Optional* (templateId: 2.16.840.1.113883.10.20.22.2.1)
26. Contains exactly one [1..1] **component**, such that
 - a. Contains exactly one [1..1] *Consol Problem Section Entries Optional* (templateId: 2.16.840.1.113883.10.20.22.2.5)

27. Contains exactly one [1..1] **component**, such that
 - a. Contains exactly one [1..1] *Consol Results Section Entries Optional* (templateId: 2.16.840.1.113883.10.20.22.2.3)
28. Contains zero or one [0..1] **component**, such that
 - a. Contains exactly one [1..1] *Consol Advance Directives Section Entries Optional* (templateId: 2.16.840.1.113883.10.20.22.2.21)
29. Contains zero or one [0..1] **component**, such that
 - a. Contains exactly one [1..1] *Consol Encounters Section Entries Optional* (templateId: 2.16.840.1.113883.10.20.22.2.22)
30. Contains zero or one [0..1] **component**, such that
 - a. Contains exactly one [1..1] *Consol Family History Section* (templateId: 2.16.840.1.113883.10.20.22.2.15)
31. Contains zero or one [0..1] **component**, such that
 - a. Contains exactly one [1..1] *Consol Functional Status Section* (templateId: 2.16.840.1.113883.10.20.22.2.14)
32. Contains zero or one [0..1] **component**, such that
 - a. Contains exactly one [1..1] *Consol Immunizations Section Entries Optional* (templateId: 2.16.840.1.113883.10.20.22.2.2)
33. Contains zero or one [0..1] **component**, such that
 - a. Contains exactly one [1..1] *Consol Procedures Section Entries Optional* (templateId: 2.16.840.1.113883.10.20.22.2.7)
34. Contains zero or one [0..1] **component**, such that
 - a. Contains exactly one [1..1] *Consol Medical Equipment Section* (templateId: 2.16.840.1.113883.10.20.22.2.23)
35. Contains zero or one [0..1] **component**, such that
 - a. Contains exactly one [1..1] *Consol Payers Section* (templateId: 2.16.840.1.113883.10.20.22.2.18)
36. Contains zero or one [0..1] **component**, such that
 - a. Contains exactly one [1..1] *Consol Plan Of Care Section* (templateId: 2.16.840.1.113883.10.20.22.2.10)
37. Contains zero or one [0..1] **component**, such that
 - a. Contains exactly one [1..1] *Consol Social History Section* (templateId: 2.16.840.1.113883.10.20.22.2.17)
38. Contains zero or one [0..1] **component**, such that
 - a. Contains exactly one [1..1] *Consol Vital Signs Section Entries Optional* (templateId: 2.16.840.1.113883.10.20.22.2.4)

Consultation Summary example

Discharge Instructions

[ClinicalDocument: templateId 2.16.840.1.113883.3.1275.1.1.2.1]

1. **SHALL** conform to *Consol General Header Constraints* template (templateId: 2.16.840.1.113883.10.20.22.1.1)
2. **SHALL** contain exactly one [1..1] **realmCode/@code="US"** (CONF:5249)
3. **SHALL** contain exactly one [1..1] **typeId** (CONF:5361)

4. **SHALL** contain exactly one [1..1] **id** (CONF:5363)
5. **SHALL** contain exactly one [1..1] **code** (CONF:5253)
6. **SHALL** contain exactly one [1..1] **title** (CONF:5254)
7. **SHALL** contain exactly one [1..1] **effectiveTime** (CONF:5256)
8. **SHALL** contain exactly one [1..1] **confidentialityCode**, which **SHALL** be selected from ValueSet 2.16.840.1.113883.1.11.16926 BasicConfidentialityKind **STATIC** (CONF:5259)
9. **SHALL** contain exactly one [1..1] **languageCode**, which **SHALL** be selected from ValueSet 2.16.840.1.113883.1.11.11526 Language **DYNAMIC** (CONF:5372)
10. **MAY** contain zero or one [0..1] **setId** (CONF:5261)
11. **MAY** contain zero or one [0..1] **versionNumber** (CONF:5264)
12. Contains exactly one [1..1] **component**, where its type is *Component2*
13. **SHALL** contain at least one [1..*] **recordTarget** (CONF:5266), such that
 - The recordTarget records the patient whose health information is described by the clinical document; it must contain at least one patientRole element.
14. **MAY** contain exactly one [1..1] **componentOf** (CONF:9955), such that
15. **SHALL** contain at least one [1..*] **author** (CONF:5444), such that
16. **MAY** contain zero or one [0..1] **dataEnterer** (CONF:5441), such that
17. **SHALL** contain exactly one [1..1] **custodian** (iv., CONF:5519), such that
18. **MAY** contain zero or more [0..*] **informationRecipient** (CONF:5565), such that
19. **SHOULD** contain zero or one [0..1] **legalAuthenticator** (CONF:5579), such that
20. **MAY** contain zero or more [0..*] **authenticator** (CONF:5607), such that
21. **MAY** contain zero or one [0..1] **informant** (CONF:8001), such that
22. **MAY** contain zero or more [0..*] **supportParticipant** (CONF:10003), such that
23. **MAY** contain zero or more [0..*] **inFulfillmentOf** (CONF:9952), such that
24. Contains exactly one [1..1] **component**, such that
 - a. Contains exactly one [1..1] *Consol Plan Of Care Section* (templateId: 2.16.840.1.113883.10.20.22.2.10)
25. Contains exactly one [1..1] **component**, such that
 - a. Contains exactly one [1..1] *Consol Allergies Section Entries Optional* (templateId: 2.16.840.1.113883.10.20.22.2.6)
26. Contains exactly one [1..1] **component**, such that
 - a. Contains exactly one [1..1] *Consol Problem Section Entries Optional* (templateId: 2.16.840.1.113883.10.20.22.2.5)
27. Contains exactly one [1..1] **component**, such that
 - a. Contains exactly one [1..1] *Consol Hospital Discharge Medications Section Entries Optional* (templateId: 2.16.840.1.113883.10.20.22.2.11)
28. Contains exactly one [1..1] **component**, such that
 - a. Contains exactly one [1..1] *Consol Advance Directives Section Entries Optional* (templateId: 2.16.840.1.113883.10.20.22.2.21)
29. Contains exactly one [1..1] **component**, such that
 - a. Contains exactly one [1..1] *Consol Immunizations Section Entries Optional* (templateId: 2.16.840.1.113883.10.20.22.2.2)
30. Contains exactly one [1..1] **component**, such that
 - a. Contains exactly one [1..1] *Consol Medical Equipment Section* (templateId: 2.16.840.1.113883.10.20.22.2.23)
31. Contains exactly one [1..1] **component**, such that
 - a. Contains exactly one [1..1] *Consol Advance Directives Section Entries Optional* (templateId: 2.16.840.1.113883.10.20.22.2.21)

Discharge Instructions example

Discharge Summary

[ClinicalDocument: templateId 2.16.840.1.113883.3.1275.1.1.1.1]

1. **SHALL** conform to *Consol General Header Constraints* template (templateId: 2.16.840.1.113883.10.20.22.1.1)
2. **SHALL** contain exactly one [1..1] **realmCode/@code**= "US" (CONF:5249)
3. **SHALL** contain exactly one [1..1] **typeId** (CONF:5361)
4. **SHALL** contain exactly one [1..1] **id** (CONF:5363)
5. **SHALL** contain exactly one [1..1] **code** (CONF:5253)
6. **SHALL** contain exactly one [1..1] **title** (CONF:5254)
7. **SHALL** contain exactly one [1..1] **effectiveTime** (CONF:5256)
8. **SHALL** contain exactly one [1..1] **confidentialityCode**, which **SHALL** be selected from ValueSet 2.16.840.1.113883.1.11.16926 BasicConfidentialityKind **STATIC** (CONF:5259)
9. **SHALL** contain exactly one [1..1] **languageCode**, which **SHALL** be selected from ValueSet 2.16.840.1.113883.1.11.11526 Language **DYNAMIC** (CONF:5372)
10. **MAY** contain zero or one [0..1] **setId** (CONF:5261)
11. **MAY** contain zero or one [0..1] **versionNumber** (CONF:5264)
12. Contains exactly one [1..1] **component**, where its type is *Component2*
13. **SHALL** contain at least one [1..*] **recordTarget** (CONF:5266), such that
 - The recordTarget records the patient whose health information is described by the clinical document; it must contain at least one patientRole element.
14. **MAY** contain exactly one [1..1] **componentOf** (CONF:9955), such that
15. **SHALL** contain at least one [1..*] **author** (CONF:5444), such that
16. **MAY** contain zero or one [0..1] **dataEnterer** (CONF:5441), such that
17. **SHALL** contain exactly one [1..1] **custodian** (iv., CONF:5519), such that
18. **MAY** contain zero or more [0..*] **informationRecipient** (CONF:5565), such that
19. **SHOULD** contain zero or one [0..1] **legalAuthenticator** (CONF:5579), such that
20. **MAY** contain zero or more [0..*] **authenticator** (CONF:5607), such that
21. **MAY** contain zero or one [0..1] **informant** (CONF:8001), such that
22. **MAY** contain zero or more [0..*] **supportParticipant** (CONF:10003), such that
23. **MAY** contain zero or more [0..*] **inFulfillmentOf** (CONF:9952), such that
24. Contains exactly one [1..1] **component**, such that
 - a. Contains exactly one [1..1] *Consol Allergies Section Entries Optional* (templateId: 2.16.840.1.113883.10.20.22.2.6)
25. Contains exactly one [1..1] **component**, such that
 - a. Contains exactly one [1..1] *Consol Hospital Course Section* (templateId: 1.3.6.1.4.1.19376.1.5.3.1.3.5)
26. Contains exactly one [1..1] **component**, such that
 - a. Contains exactly one [1..1] *Consol Hospital Discharge Diagnosis Section* (templateId: 2.16.840.1.113883.10.20.22.2.24)
27. Contains exactly one [1..1] **component**, such that
 - a. Contains exactly one [1..1] *Consol Hospital Discharge Medications Section Entries Optional* (templateId: 2.16.840.1.113883.10.20.22.2.11)
28. Contains exactly one [1..1] **component**, such that
 - a. Contains exactly one [1..1] *Consol Plan Of Care Section* (templateId: 2.16.840.1.113883.10.20.22.2.10)

29. Contains exactly one [1..1] **component**, such that
- a. Contains exactly one [1..1] *Consol Problem Section Entries Optional* (templateId: 2.16.840.1.113883.10.20.22.2.5)
30. Contains zero or one [0..1] **component**, such that
- a. Contains exactly one [1..1] *Consol Chief Complaint Section* (templateId: 1.3.6.1.4.1.19376.1.5.3.1.1.13.2.1)
31. Contains zero or one [0..1] **component**, such that
- a. Contains exactly one [1..1] *Consol Chief Complaint And Reason For Visit Section* (templateId: 2.16.840.1.113883.10.20.22.2.13)
32. Contains zero or one [0..1] **component**, such that
- a. Contains exactly one [1..1] *Consol Discharge Diet Section* (templateId: 1.3.6.1.4.1.19376.1.5.3.1.3.33)
33. Contains zero or one [0..1] **component**, such that
- a. Contains exactly one [1..1] *Consol Family History Section* (templateId: 2.16.840.1.113883.10.20.22.2.15)
34. Contains zero or one [0..1] **component**, such that
- a. Contains exactly one [1..1] *Consol Functional Status Section* (templateId: 2.16.840.1.113883.10.20.22.2.14)
35. Contains zero or one [0..1] **component**, such that
- a. Contains exactly one [1..1] *Consol History Of Present Illness Section* (templateId: 1.3.6.1.4.1.19376.1.5.3.1.3.4)
36. Contains zero or one [0..1] **component**, such that
- a. Contains exactly one [1..1] *Consol Hospital Discharge Physical Section* (templateId: 1.3.6.1.4.1.19376.1.5.3.1.3.26)
37. Contains zero or one [0..1] **component**, such that
- a. Contains exactly one [1..1] *Consol Hospital Discharge Studies Summary Section* (templateId: 2.16.840.1.113883.10.20.22.2.16)
38. Contains zero or one [0..1] **component**, such that
- a. Contains exactly one [1..1] *Consol Procedures Section Entries Optional* (templateId: 2.16.840.1.113883.10.20.22.2.7)
39. Contains zero or one [0..1] **component**, such that
- a. Contains exactly one [1..1] *Consol Reason For Visit Section* (templateId: 2.16.840.1.113883.10.20.22.2.12)
40. Contains zero or one [0..1] **component**, such that
- a. Contains exactly one [1..1] *Consol Review Of Systems Section* (templateId: 1.3.6.1.4.1.19376.1.5.3.1.3.18)
41. Contains zero or one [0..1] **component**, such that
- a. Contains exactly one [1..1] *Consol Social History Section* (templateId: 2.16.840.1.113883.10.20.22.2.17)
42. Contains zero or one [0..1] **component**, such that
- a. Contains exactly one [1..1] *Consol Vital Signs Section Entries Optional* (templateId: 2.16.840.1.113883.10.20.22.2.4)
43. Contains zero or one [0..1] **component**, such that
- a. Contains exactly one [1..1] *Consol Immunizations Section Entries Optional* (templateId: 2.16.840.1.113883.10.20.22.2.2)

Discharge Summary example

Chapter

2

SECTION TEMPLATES

Chapter

3

CLINICAL STATEMENT TEMPLATES

This section of the Implementation Guide details the clinical statement entries referenced in the document section templates. The clinical statement entry templates are arranged alphabetically.

Chapter

4

OTHER CLASSES

This section of the Implementation Guide describes other classes that are not CDA Clinical Documents, Sections, or Clinical Statements.

Chapter

5

VALUE SETS

The following tables summarize the value sets used in this Implementation Guide.

REFERENCES

- HL7 Implementation Guide: CDA Release 2 – Continuity of Care Document (CCD) A CDA implementation of ASTM E2369-05 Standard Specification for Continuity of Care Record® (CCR) April 01, 2007 available through [HL7](#) .
- HL7 Implementation Guide for CDA Release 2 Quality Reporting Document Architecture (QRDA) Draft Standard for Trial Use March 2009. Available at: [Quality Reporting Document Architecture \(QRDA\)](#)
- HL7 Implementation Guide for CDA Release 2 CDA for Public Health Case Reports (PHCR) Informative Standard October 2009. Available through [HL7](#) .
- HL7 Implementation Guide for CDA Release 2: NHSN Healthcare Associated Infection (HAI) Reports, Release 2 Draft Standard for Trial Use January 2009 Available at: [NHSN Healthcare Associated Infection \(HAI\) Reports](#)
- Dolin RH, Alschuler L, Boyer S, Beebe C, Behlen FM, Biron PV, Shabo A, (Editors). HL7 Clinical Document Architecture, Release 2.0. ANSI-approved HL7 Standard; May 2005. Ann Arbor, Mich.: Health Level Seven, Inc. Available through [HL7](#) or if an HL7 member with the following link: [CDA Release 2 Normative Web Edition](#).
- [LOINC®](#) : Logical Observation Identifiers Names and Codes, Regenstrief Institute.
- [SNOMED CT®](#) : SNOMED Clinical Terms SNOMED International Organization.
- Extensible Markup Language, www.w3.org/XML .
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- Using SNOMED CT in HL7 Version 3; Implementation Guide, Release 1.5. Available through [HL7](#) or if an HL7 member with the following link: [Using SNOMED CT in HL7 Version 3](#)

