4   PARTICIPATION AND OTHER TEMPLATES

The participation and other templates chapter contains templates for CDA participations (e.g., author, performer), and other fielded items (e.g., address, name) that cannot stand on their own without being nested in another template .

4.1   Author Participation

```
[author: identifier urn:oid:2.16.840.1.113883.10.20.22.4.119 (open)]
```

Table 514: Author Participation Contexts

Contained By:	Contains:
Comment Activity (optional)	
Sensory Status (optional)	
Self-Care Activities (ADL and IADL) (optional)	
Medication Activity (V2) (optional)	
Procedure Activity Act (V2) (optional)	
Procedure Activity Procedure (V2) (optional)	
Procedure Activity Observation (V2) (optional)	
Goal Observation (optional)	
Allergy - Intolerance Observation (V2) (optional)	
Substance or Device Allergy - Intolerance Observation (V2) (optional)	
Nutrition Assessment (optional)	
Planned Act (V2) (optional)	
Planned Encounter (V2) (optional)	
Planned Procedure (V2) (optional)	
Planned Observation (V2) (optional)	
Planned Supply (V2) (optional)	
Planned Medication Activity (V2) (optional)	
Functional Status Observation (V2) (optional)	
Functional Status Organizer (V2) (optional)	
Handoff Communication Participants (required)	
Patient Referral Act (optional)	
Smoking Status - Meaningful Use (V2) (optional)	
Vital Sign Observation (V2) (optional)	
Priority Preference (optional)	
Tobacco Use (V2) (optional)	
Outcome Observation (optional)	
Planned Coverage (optional)	
Planned Immunization Activity (optional)	
Vital Signs Organizer (V3) (optional)	
Immunization Activity (V3) (optional)	
Result Observation (V3) (optional)	
Mental Status Observation (V3) (optional)	
Advance Directive Observation (V3) (optional)	
Problem Observation (V3) (optional)	
Social History Observation (V3) (optional)	

Contained By:	Contains:
Health Concern Act (V2) (optional)	
Result Organizer (V3) (optional)	
Advance Directive Organizer (V2) (optional)	
Risk Concern Act (V2) (optional)	
Problem Concern Act (V3) (optional)	
Planned Intervention Act (V2) (optional)	
Longitudinal Care Wound Observation (V2) (optional)	
Intervention Act (V2) (optional)	
Allergy Concern Act (V3) (optional)	

This template represents the Author Participation (including the author timestamp). CDA R2 requires that Author and Author timestamp be asserted in the document header. From there, authorship propagates to contained sections and contained entries, unless explicitly overridden.

The Author Participation template was added to those templates in scope for analysis in R2. Although it is not explicitly stated in all templates the Author Participation template can be used in any template.

Table 515: Author Participation Constraints Overview

XPath	Card.	Verb	Data Type	CONF#	Value
author (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.119)					
templateId	1..1	SHALL		1098-32017	
@root	1..1	SHALL		1098-32018	2.16.840.1.113883.10.20.22.4.119
time	1..1	SHALL		1098-31471	
assignedAuthor	1..1	SHALL		1098-31472	
id	1..*	SHALL		1098-31473	
code	0..1	SHOULD		1098-31671	urn:oid:2.16.840.1.114222.4.11.1066 (Healthcare Provider Taxonomy)
assignedPerson	0..1	MAY		1098-31474	
name	0..*	MAY		1098-31475	
representedOrganization	0..1	MAY		1098-31476	
id	0..*	MAY		1098-31478	
name	0..*	MAY		1098-31479	
telecom	0..*	MAY		1098-31480	
addr	0..*	MAY		1098-31481	

1. **SHALL** contain exactly one [1..1] **templateId** (CONF:1098-32017) such that it
   a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.10.20.22.4.119" (CONF:1098-32018).
2. **SHALL** contain exactly one [1..1] **time** (CONF:1098-31471).
3. **SHALL** contain exactly one [1..1] **assignedAuthor** (CONF:1098-31472).
   a. This assignedAuthor **SHALL** contain at least one [1..*] **id** (CONF:1098-31473).
   Note: This id may be set equal to (a pointer to) an id on a participant elsewhere in the document (header or entries) or a new author participant can be described here. If the id is pointing to a participant already described elsewhere in the document, assignedAuthor/id is sufficient to identify this participant and none of the remaining details of assignedAuthor are required to be set. Application Software must be responsible for resolving the identifier back to its original object and then rendering the information in the correct place in the containing section's narrative text. This id must be a pointer to another author participant.

i. If the ID isn't referencing an author described elsewhere in the document, then the author components required in US Realm Header are required here as well (CONF:1098-32628).

b. This assignedAuthor **SHOULD** contain zero or one [0..1] **code**, which **SHOULD** be selected from ValueSet **Healthcare Provider Taxonomy** urn:oid:2.16.840.1.114222.4.11.1066 **DYNAMIC** (CONF:1098-31671).

i. If the content is patient authored the code **SHOULD** be selected from Personal And Legal Relationship Role Type (2.16.840.1.113883.11.20.12.1) (CONF:1098-32315).

c. This assignedAuthor **MAY** contain zero or one [0..1] **assignedPerson** (CONF:1098-31474).

i. The assignedPerson, if present, **MAY** contain zero or more [0..*] **name** (CONF:1098-31475).

d. This assignedAuthor **MAY** contain zero or one [0..1] **representedOrganization** (CONF:1098-31476).

i. The representedOrganization, if present, **MAY** contain zero or more [0..*] **id** (CONF:1098-31478).

ii. The representedOrganization, if present, **MAY** contain zero or more [0..*] **name** (CONF:1098-31479).

iii. The representedOrganization, if present, **MAY** contain zero or more [0..*] **telecom** (CONF:1098-31480).

iv. The representedOrganization, if present, **MAY** contain zero or more [0..*] **addr** (CONF:1098-31481).

Figure 233: New Author Participant Example

```xml
<author>
    <templateId root="2.16.840.1.113883.10.20.22.4.119" />
    <time value="201308011235-0800" />
    <assignedAuthor>
        <id root="20cf14fb-b65c-4c8c-a54d-b0cca834c18c" />
        <code code="163W00000X" codeSystem="2.16.840.1.113883.5.53" codeSystemName="Health
Care Provider Taxonomy" displayName="Registered nurse" />
        <assignedPerson>
            <name>
                <given>Nurse</given>
                <family>Nightingale</family>
                <suffix>RN</suffix>
            </name>
        </assignedPerson>
        <representedOrganization>
            <id root="2.16.840.1.113883.19.5" />
            <name>Good Health Hospital</name>
        </representedOrganization>
    </assignedAuthor>
</author>
```

Figure 234: Existing Author Reference Example

```
<author>
    <time value="201308011235-0800" />
    <assignedAuthor>
        <!--
            This id points to a participant already described
            elsewhere in the document
        -->
        <id root="20cf14fb-b65c-4c8c-a54d-b0cca834c18c" />
    </assignedAuthor>
</author>
```

4.2   Physician of Record Participant (V2)

[encounterParticipant: identifier
urn:hl7ii:2.16.840.1.113883.10.20.6.2.2:2014-06-09 (open)]

Table 516: Physician of Record Participant (V2) Contexts

Contained By:	Contains:
Diagnostic Imaging Report (V3) (optional)	US Realm Person Name (PN.US.FIELDED) (optional)

This encounterParticipant is the attending physician and is usually different from the Physician
Reading Study Performer defined in documentationOf/serviceEvent.