2.2 Care Team Member Act

```
[act: identifier urn:hl7ii:2.16.840.1.113883.10.20.22.4.500.1:2019-07-01
(open)]
```

Table 6: Care Team Member Act Contexts

Contained By:	Contains:
Care Team Organizer (required)	Note Activity (optional)
	Care Team Member Schedule Observation (optional)

This template is used to represent a member of the care team. Care team members can include healthcare and community services providers, caregivers, relatives, the patient themselves, etc. A care team member can be another care team or an organization.

Care team member attributes include the following:

• Care team member status on the care team
• Care team member time (e.g. duration, point-in-time, etc.) on the care team
• Schedule of the care team member describing when the care team member usually participates on the care team
• Care team member function on the care team such as the care team member specialty, relationship to the patient, and also role on the care team
• Care team member name, address, telecom, organization, etc.
• Care team member information (narrative description about the care team member)

Table 7: Care Team Member Act Constraints Overview

XPath	Card.	Verb	Data Type	CONF#	Value
act (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.500.1:2019-07-01)					
@classCode	1..1	SHALL		4435-53	PCPR
@moodCode	1..1	SHALL		4435-54	EVN
templateId	1..1	SHALL		4435-45	
@root	1..1	SHALL		4435-66	2.16.840.1.113883.10.20.22.4.500.1
@extension	1..1	SHALL		4435-67	2019-07-01
id	1..*	SHALL		4435-162	
code	1..1	SHALL		4435-27	
@code	1..1	SHALL		4435-48	urn:oid:2.16.840.1.113883.6.1 (LOINC) = 85847-2
@codeSystem	1..1	SHALL		4435-49	2.16.840.1.113883.6.1
statusCode	1..1	SHALL		4435-62	
@code	1..1	SHALL		4435-68	urn:oid:2.16.840.1.113883.1.11.15933 (ActStatus)
effectiveTime	1..1	SHALL		4435-33	
low	1..1	SHALL		4435-167	
high	0..1	MAY		4435-168	
performer	1..1	SHALL		4435-160	
sdtc:functionCode	0..1	MAY		4435-161	urn:oid:2.16.840.1.113762.1.4.1099.30 (Care Team Member Function)
participant	0..*	MAY		4435-76	
@typeCode	1..1	SHALL		4435-78	urn:oid:2.16.840.1.113883.5.90 (HL7ParticipationType) = IND
sdtc:functionCode	1..1	SHALL		4435-169	urn:oid:2.16.840.1.113762.1.4.1099.30 (Care Team Member Function)
participant	0..*	MAY		4435-171	
@typeCode	1..1	SHALL		4435-174	urn:oid:2.16.840.1.113883.5.90 (HL7ParticipationType) = LOC
participantRole	1..1	SHALL		4435-173	
entryRelationship	0..*	MAY		4435-86	
@typeCode	1..1	SHALL		4435-87	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
encounter	1..1	SHALL		4435-88	
id	1..1	SHALL		4435-89	
entryRelationship	0..*	MAY		4435-91	

Appendix A: Templates defined in C-CDA R2.1 Companion Guide

XPath	Card.	Verb	Data Type	CONF#	Value
@typeCode	1..1	SHALL		4435-92	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
act	1..1	SHALL		4435-93	Note Activity (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.202:2016-11-01
entryRelationship	0..1	MAY		4435-94	
@typeCode	1..1	SHALL		4435-96	urn:oid:2.16.840.1.113883.5.1002 (HL7ActRelationshipType) = REFR
observation	1..1	SHALL		4435-95	Care Team Member Schedule Observation (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.500.3:2019-07-01

1. **SHALL** contain exactly one [1..1] `@classCode`="PCPR" Provision of Care (CONF:4435-53).
2. **SHALL** contain exactly one [1..1] `@moodCode`="EVN" Event (CONF:4435-54).
3. **SHALL** contain exactly one [1..1] `templateId` (CONF:4435-45) such that it
   a. **SHALL** contain exactly one [1..1] `@root`="2.16.840.1.113883.10.20.22.4.500.1" (CONF:4435-66).
   b. **SHALL** contain exactly one [1..1] `@extension`="2019-07-01" (CONF:4435-67).
4. **SHALL** contain at least one [1..*] `id` (CONF:4435-162).
5. **SHALL** contain exactly one [1..1] `code` (CONF:4435-27).
   a. This code **SHALL** contain exactly one [1..1] `@code`="85847-2" Patient Care team information (CodeSystem: LOINC urn:oid:2.16.840.1.113883.6.1) (CONF:4435-48).
   b. This code **SHALL** contain exactly one [1..1] `@codeSystem`="2.16.840.1.113883.6.1" LOINC (CONF:4435-49).
6. **SHALL** contain exactly one [1..1] `statusCode` (CONF:4435-62).
   a. This statusCode **SHALL** contain exactly one [1..1] `@code`, which **SHALL** be selected from ValueSet **ActStatus** urn:oid:2.16.840.1.113883.1.11.15933 **STATIC** 2019-05-27 (CONF:4435-68).
7. **SHALL** contain exactly one [1..1] `effectiveTime` (CONF:4435-33).
   a. This effectiveTime **SHALL** contain exactly one [1..1] `low` (CONF:4435-167).
   b. This effectiveTime **MAY** contain zero or one [0..1] `high` (CONF:4435-168).
8. **SHALL** contain exactly one [1..1] `performer` (CONF:4435-160) such that it
   a. **MAY** contain zero or one [0..1] `sdtc:functionCode`, which **SHOULD** be selected from ValueSet **Care Team Member Function** urn:oid:2.16.840.1.113762.1.4.1099.30 **DYNAMIC** (CONF:4435-161).
   Note: This sdtc:functionCode represents the function or role of the member on the care team. For example, the care team member roles on the care team can be a caregiver and a professional nurse or a primary care provider and the care coordinator.

Appendix A: Templates defined in C-CDA R2.1 Companion Guide

This participant is used to express additional care team functions performed by this member of the team.

9. **MAY** contain zero or more [0..*] **participant** (CONF:4435-76) such that it
   a. **SHALL** contain exactly one [1..1] **@typeCode**="IND" Indirect Target (CodeSystem: HL7ParticipationType urn:oid:2.16.840.1.113883.5.90) (CONF:4435-78).
   b. **SHALL** contain exactly one [1..1] **sdtc:functionCode**, which **SHALL** be selected from ValueSet **Care Team Member Function** urn:oid:2.16.840.1.113762.1.4.1099.30 **DYNAMIC** (CONF:4435-169).
   c. This participantRole **SHALL** contain exactly one [1..1] @nullFlavor="NI" No Information. (CONF:4435-172).

This participant represents the location where the care team member provides the service

10. **MAY** contain zero or more [0..*] **participant** (CONF:4435-171) such that it
    a. **SHALL** contain exactly one [1..1] **@typeCode**="LOC" Location (CodeSystem: HL7ParticipationType urn:oid:2.16.840.1.113883.5.90) (CONF:4435-174).
    b. **SHALL** contain exactly one [1..1] **participantRole** (CONF:4435-173).

11. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:4435-86) such that it
    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:4435-87).
    b. **SHALL** contain exactly one [1..1] **encounter** (CONF:4435-88).
       i. This encounter **SHALL** contain exactly one [1..1] **id** (CONF:4435-89).
          1. If the id does not match an encounter/id from an encounter elsewhere within the same document and the id does not contain @nullFlavor=NA, then this entry **SHALL** conform to the Encounter Activity (V3) (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.49:2015-08-01) (CONF:4435-90).

This is the note activity to naratively describe information about the member on the care team.

12. **MAY** contain zero or more [0..*] **entryRelationship** (CONF:4435-91) such that it
    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:4435-92).
    b. **SHALL** contain exactly one [1..1] **Note Activity** (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.202:2016-11-01) (CONF:4435-93).

This is the schedule of when or how frequently the care team member participates (or provides care to the patient) on the care team.

13. **MAY** contain zero or one [0..1] **entryRelationship** (CONF:4435-94) such that it
    a. **SHALL** contain exactly one [1..1] **@typeCode**="REFR" Refers to (CodeSystem: HL7ActRelationshipType urn:oid:2.16.840.1.113883.5.1002) (CONF:4435-96).
    b. **SHALL** contain exactly one [1..1] **Care Team Member Schedule Observation** (identifier: urn:hl7ii:2.16.840.1.113883.10.20.22.4.500.3:2019-07-01) (CONF:4435-95).

Figure 4: Care Team Member Act

```
<!--Care Team Organizer-->
        <entry>
          <organizer classCode="CLUSTER" moodCode="EVN">
             <templateId root="2.16.840.1.113883.10.20.22.4.500" extension="2019-07-
01"/>
...
           <!--NEW Care Team Organizer Entry Template ID and extension-->
...
           <!-- #1 Care Team Member Act - This component is a care team member who is a
provider -->
             <component>
               <act classCode="PCPR" moodCode="EVN">
                  <templateId root="2.16.840.1.113883.10.20.22.4.500.1" extension="2019-
07-01"/>
                  <id root="1.5.5.5.5.5"/>
                  <code code="85847-2" codeSystem="2.16.840.1.113883.6.1"
codeSystemName="LOINC" displayName="Care Team Information"/>
                  <!--Care Team Member Status -
https://vsac.nlm.nih.gov/valueset/2.16.840.1.113883.1.11.15933/expansion-->
                  <statusCode code="active"/>
                  <effectiveTime xsi:type="IVL_TS">
                    <low value="201810081426-0500"/>
                  </effectiveTime>
                  <!--Attributes about the provider member - name-->
                  <performer typeCode="PRF">
                     <functionCode xmlns="urn:hl7-org:sdtc" code="PCP"
displayName="primary care physician"
                       codeSystem="2.16.840.1.113883.5.88"
codeSystemName="ParticipationFunction">
                       <originalText xmlns="urn:hl7-org:v3">
                          <reference value="#CT1_M01"></reference>
                       </originalText>
                     </functionCode> <!-- A care team member role -->
                  <assignedEntity>
                     <id root="B00B14E8-CDE4-48EA-8A09-01BC4945122A" extension="1"/>
                     <id root="1.5.5.5.5.5"/>
                  <assignedPerson>

<name><given>John</given><given>D</given><family>Smith</family>,<suffix>MD</suffix> </name>
                  </assignedPerson>
                  </assignedEntity>
                  </performer>
               </act>
             </component>
          </organizer>
        </entry>
```

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