SDWG - PHMR Subgroup Meeting

**Logistics:**

 *Date / Time:* Dec. 17, 2014, 10:00am to 11:00am EDT

 *Location:* Telco

 *Facilitator:* Martin Rosner

Note taker: Martin Rosner

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Meeting information

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**Attendees:**

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| Name | Affiliation | Present |
| Vinayak Kulkarni | Siemens |  |
| Martin Rosner | Philips | X |
| Brian Reinhold | Lamprey Networks | X |
| Chris Johnson | Blue Cross / Blue Shield |  |
| Asim Muhammad | Philips |  |
| Darrell Woelk | SocialCare | X |

**Agenda:**

1. Review latest draft PHMR objects in Trifolia tool

**Minutes Approval:**

Minutes from December 3, 2014 – approved

**Action Items:**

* Martin – work on Device Event Observation.
* Brian – draft other CCDA-consistent PHMR objects.
1. **Review latest draft PHMR objects in Trifolia tool**

Derrell is working on CDA on FHIR and he was wondering what if anything are we doing about FHIR in the context on PHMR. Currently we are not focusing on that but this could be a future work item. In other use cases – the FHIR resources are then used in a note to tie resources together. Does FHIR already have a device resource? There is a draft resource identified in FHIR but it seems to have some missing elements.

Brian’s proposal to solve the duplicity issue.

To solve the duplicity issue (see [minutes from last meeting](http://wiki.hl7.org/images/d/d8/SDWG_PHMR_N1_Subteam_Minutes_2014-12-03.docx)) it was decided to replace the pariticpant and entryRelationship elements of the entry with the new C-CDA author addition. However, we still need to specify conditionally that this author element looks different depending on the source of the data.

If the data is obtained directly from the device, the following guideline for the author applies.

13) SHALL contain exactly one [1..1] author (CONF:X-980).

 1) The author, if present, SHALL contain exactly one [1..1] assignedAuthor (CONF:1141-1173).

 1) SHALL contain exactly one [1..1] id (CONF:X-1177).

 1) SHALL contain exactly one [1..1] @root="1.2.840.10004.1.1.1.0.0.1.0.0.1.2680" (CONF:X-1178).

 2) SHALL contain exactly one [1..1] @extension (CONF:X-1180).

 1) The extension shall contain the value of the system id attribute of the device responsible for the observation (CONF:X-1181).

 3) SHALL contain exactly one [1..1] @assigningAuthorityName="EUI-64" (CONF:X-1179).

 2) SHALL contain zero or one [0..1] assignedAuthoringDevice (CONF:X-1174).

 1) The assignedAuthoringDevice, if present, SHALL contain zero or one [0..1] @classCode="DEV" (CONF:1141-1175).

 2) The assignedAuthoringDevice, if present, SHALL contain zero or one [0..1] @determinerCode="INSTANCE" (CONF:1141-1176).

 3) The assignedPerson element SHALL NOT be present (CONF:X-X).

If the data is entered manually, the following guideline for the author applies.

14) SHALL contain exactly one [1..1] author (CONF:X-1182).

 1) SHALL contain exactly one [1..1] assignedAuthor (CONF:X-X).

 1) SHALL contain exactly one [1..1] id (CONF:X-X).

 1) SHALL contain exactly one [1..1] @root="1.2.840.10004.1.1.1.0.0.1.0.0.1.2680" (CONF:X-X).

 2) SHALL contain exactly one [1..1] @extension (CONF:X-X).

 1) This entry SHALL be the system id of the medical device taking the measurement that is entered into this document. If the system id is not known, the null flavor value UNK shall be entered (CONF:X-1191).

 3) SHALL contain exactly one [1..1] @assigningAuthorityName="EUI-64" (CONF:X-X).

 2) SHALL contain zero or one [0..1] assignedPerson (CONF:X-X).

 1) SHALL contain zero or more [0..\*] name (CONF:X-X).

 3) The assignedAuthoringDevice SHALL NOT be present (CONF:X-X).

So the question back to the Structured Documents WG is if this is an acceptable way to construct such conditional definition of author or are there other/better/more acceptable ways of doing this? Both Brian and Martin cannot make the SDWG call tomorrow but perhaps this can be briefly discussed by others.

Martin’s problems with specifying CS or ST value.

The value element in the Device Event Observation is defined with @xsi:type as CS OR ST describing the event.

CONF-PHMR-128: A value element SHALL be present where @xsi:type is CS or ST describing the event. Note that the codes reported by the devices are typically arbitrary values defined in device specific specifications, and are currently not part of any code system; thus it is often most useful to translate such a code into a human readable string (thus the ST datatype).

The question is how to define that in Trifolia where ST is used to textually describe the event (for example: “Maximal inrush of the pulsatile event has been detected”). The group decides to suggest a solution defining two value elements, one of which will have a SHALL statement on a CS type and one will have a SHOULD statement on a ST type.

**AOB**

**Next Regular Call**

* January 7, 2015