
HL7 International Chemotherapy IG Project Meeting

March 13, 2017

Attendees: Mary Visceglia, Peter Lamb, Bryn Rhodes, Lee Surprenant, Daniel Lanphear, Kevin, Jeff D, John Hatem, Jurrian van der Werf, Marten Smits, May Terry, Tina Joros, Tracey Coleman, Aksel Bruun, Sadiq Saleh, Chad Armstrong

Meeting Minutes:

- Mary gave an introduction to the project, outlining agenda for today's call
- Introductions:
 - Mary Visceglia (NCCN)
 - Peter Lamb (NCCN)
 - Marten Smits (Furore)
 - Bryn Rhodes (FHIR: CDS working group)
 - Jurrian van der Werf (Netherlands Comprehensive Cancer Organization)
 - Sadiq Saleh (Evinance)
 - Chad Armstrong (Evinance)
 - Lee Surprenant (IBM)
 - Tracey Coleman (Allscripts)
 - Tina Joros (Allscripts)
 - John Hatem (FHIR: co-chair of Pharmacy working group)
 - May Terry (Flatiron)
 - Jeff D (Allscripts)
 - Daniel Lanphear (McKesson)
 - Kevin (McKesson)
 - Aksel Bruun (Norway)
- Peter gave a tour of the two main methods of communication for this project: the wiki page at http://wiki.hl7.org/index.php?title=FHIR_Chemotherapy_IG#Documents and the "chemotherapy IG" stream on chat.fhir.org <https://chat.fhir.org/#narrow/stream/chemotherapy.20IG>
- Lee gave an overview of FHIR resources used in the NCCN Templates project: PlanDefinition & ActivityDefinition
 - STU3 should be officially released in 2 weeks
 - Within Clinical Reasoning track in FHIR, the most important to NCCN project is to specify generic recommendations/rules/guidance of treatments -- called a definitional space because it's not tied to a patient, but rather defining knowledge with knowledge artifacts
 - This focuses NCCN on two resources within the Clinical Reasoning track: PlanDefinition (<http://hl7.org/fhir/2017Jan/plandefinition.html>) and ActivityDefinition (<http://hl7.org/fhir/2017Jan/activitydefinition.html>)
 - This is how we've been representing chemotherapy in the NCCN Templates project
 - Main PlanDefinition data elements we've been making use of:

- usageContext is intended to specify the context under which this PlanDefinition is appropriate -- we're using this to put NCCN's indications for when a given template is appropriate in here
 - action & relatedAction - we use these in an "action hierarchy" to define chemotherapy regimens
 - selectionBehavior – we use this to define when to apply an action
 - definition (used to be called activityDefinition) can now reference either a PlanDefinition or an ActivityDefinition
- NCCN's profile is still a work in progress but Lee is working to publish it soon
 - We will want to talk in this project about what needs to be profiled at a higher level to support international chemotherapy vs. what needs to be profiled for specific implementations/use-cases
- One thing we will want to talk about in this group is around timing for drugs on a cycle. NCCN has its own extension for this called daysOfCycle. This may be a candidate for a core extension, and if not a core extension than an extension for the international chemotherapy IG
- We do not have profiles of MedicationRequest or other resources as NCCN has been focussed on chemotherapy templates, which we have been representing with PlanDefinition. But with this international group we can broaden the scope as needed
- KDN5 example is located at: <http://hl7.org/fhir/2017Jan/plandefinition-example-kdn5-simplified.html>
- Location of Github repository for the IG is on the wiki page, and is at: <https://github.com/cqframework/chemotherapy-ig>

Next steps:

- Marten: we should define scope first. Should we consider looking at NCCN's IG and see if this is appropriate as a starting ground for the international IG? This might be a good starting point to see where interest lies and who can help with what.
 - Consider going through NCCN IG's data elements and see which we can consider profiling for the international IG and which are NCCN specific
 - Mary will follow-up with Marten on this
- May: syncing up with MedicationRequest makes sense from her point-of-view, as current KDN5 example is a bit thin and not too practical as is
- Mary: NCCN should be able to share some more examples with the group as soon as legal clears them
- Bryn: the higher up we go in use cases, the more variability there will be. But the lower we go, there may be more commonality in terms of what the use cases are trying to do and how we can express them. These lower levels pieces might be the most valuable for the international IG
- Jurrian: will follow up with Marten to see how this fits his use case
- Bryn: will be at Madrid working group meeting. Proposals for Connectathon are due next week. Bryn will add this as-is to the proposal list. Marten & May will also be in Madrid.

Next Meeting:

- Tentatively scheduled for Tuesday, March 28, 2017 from 12-1pm Eastern Time Zone