

Subject: Re: Modifications to Pharmacy resources

Date: Thursday, November 20, 2014 at 11:51:00 AM Pacific Standard Time

From: Grahame Grieve (sent by grahameg@gmail.com <grahameg@gmail.com>)

To: John Hatem

CC: Lloyd McKenzie, Melva Peters, Hugh Glover, Scott Robertson

those are great questions. The implementer I was working with had a general statement for unsureness with no defined scope. But of course any part of the statement might be unsure. We certainly could handle it with a general uncertainty extension, but I think I would prefer it if we had a single uncertainty statement - options like I'm not sure whether this is the right medication, whether the dose regime was followed, or whether this happened at all. But I'm no expert, so take that with a grain of salt.

Grahame

On Fri, Nov 21, 2014 at 6:07 AM, John Hatem <john.hatem@oracle.com> wrote:

Are we talking about uncertainty for each attribute or are we talking about the fuzziness of data when it is reported by patients or significant others?

For example:

When I ask a patient/significant other, what medications are you currently taking, I can get everything in the response from very specific medication information (read from the prescription label, if you will), or I can get really soft/fuzzy information e.g. I am taking "one small pink pill" at "night". The clinician then asks for more details and they may get "around 10 pm" but nothing else. The entire spectrum of these answers are medication statements.

Is there uncertainty associated with this data, sure, but are we talking about using some V3 like uncertainty characterization? Or are we talking about just being able to represent the fuzziness of the statements: "one small pink pill" and "night" and "around 10 pm"?

John

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From: Grahame Grieve [mailto:grahameg@gmail.com]
Sent: Thursday, November 20, 2014 10:57 AM
To: Lloyd McKenzie
Cc: Grahame Grieve; Peters, Melva; Hugh Glover; John Hatem; Scott Robertson
Subject: Re: Modifications to Pharmacy resources

The logical outcome of this task is that you now create a task against each of these resources asking whether you can be unsure, and if you are, what to do about it. Personally, to me, that sounds like medication statement land, and indeed, this question has come up with an implementer in that context - what to do about uncertainty?

Btw, I asked some questions about medication resources last week, and there's been no response. I know everyone is super busy, but hopefully there can be some response...

Grahame

On 20 Nov 2014, at 11:45 pm, Lloyd McKenzie <lloyd@lmckenzie.com> wrote:

Hi Grahame,

We'll need to include specific guidance in the specification for how to communicate "not sure if this was given or not" should that need arise.

Lloyd McKenzie

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Note: Unless explicitly stated otherwise, the opinions and positions expressed in this e-mail do not necessarily reflect those of my clients nor those of the organizations with whom I hold governance positions.

On Wed, Nov 19, 2014 at 10:54 PM, Grahame Grieve <grahame@healthintersections.com.au> wrote:

hi

Task 3527 (http://gforge.hl7.org/gf/project/fhir/tracker/?action=TrackerItemEdit&tracker_item_id=3527) has ended up with us decided to create explicit columns in the spreadsheet for "default value" and "Missing meaning" (implied meaning when an

element is null).

I have added a value for two Pharmacy resource data elements:

MedicationAdministration.wasNotGiven : Missing Meaning = If this is missing, then the medication was administered

MedicationStatement.wasNotGiven: missing Meaning = If this is missing, then the medication was taken

I believe that these are justified by the existing definitions, but I am drawing your attention to this so that you can review my changes and modify them if you think that's appropriate (I know you are sensitive about me changing the resources). I believe that an entry in the "Missing Meaning" column might be justified for MedicationPrescription.dispense.numberOfRepeatsAllowed, but since this is not explicit in the definition, I haven't added it; perhaps you could review this too at some stage.

Grahame

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