**HL7 Patient Care Work Group**

**Allergy/Intolerance/Adverse Reaction Topic Sub-Group Meeting Minutes**

**Date: November 2 , 2016**

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WEBEX: [www.webex.com](http://www.webex.com)

Meeting Number: 194 433 282

Co-Chairs: Stephen Chu/Elaine Ayres Scribe: Elaine Ayres

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| **Name** | **Present on November 2 , 2016** |
| Bit Vo | X |
| Brett Marquard |  |
| David Parker |  |
| Dianna Dodd |  |
| Donna Bohannon |  |
| Elaine Ayres | X |
| Emma Jones |  |
| Hank Mayers |  |
| Jaspreet Birk |  |
| Jay Lyle |  |
| Jennifer Harward |  |
| Joe Lamy |  |
| Joe Quinn | X |
| Julia Skapik |  |
| Larry McKnight | X |
| Lisa Nelson |  |
| M’Lynda Owens |  |
| Margaret Dittloff |  |
| Michelle Miller |  |
| Rita Barsoum |  |
| Rob Hausam | X |
| Rob McClure | X |
| Russ Leftwich | X |
| Russell McDonnell |  |
| Serafina Versaggi |  |
| Stephen Chu | X |
| Sue Kent | X |
| Susan Loucks | X |
| Tony Little |  |
| Shelley Spiro |  |
| Luke Tso |  |

**Agenda for November 2, 2016**

Agenda:

1. Approve minutes from 10/19: <http://wiki.hl7.org/images/1/11/Patient_Care_Allergies_Minutes_2016_10_19.docx>
   1. Shelley Spiro’s slides from her presentation are here:  <http://wiki.hl7.org/images/7/79/SPL-DailyMed-RxNorm_Jamboree_Presentation_9-27-16_Spirov1.pdf>
2. Review of food allergy data analysis sub-project: <http://wiki.hl7.org/index.php?title=Food_Substances_Sub_Group_Project>
3. Status of medication allergy data analysis sub-project: <http://wiki.hl7.org/index.php?title=Allergy_%26_Intolerance_Drug_Sub-project>
4. Updates from IHTSDO
5. Updates from USP
6. Agenda for November 16, 2016

Query request: send to re-ask for consistent query and in worst just the data they have currently.

Cerner – Larry has provided updated files

Intermountain – have findings

KP – have query summaries

VA/DOD – have a summary of findings

OPTUM – data set

NIH – have data on food.

Cleveland Clinic – foods

AAAAI – will provide SME expertise for foods and drugs.

**Minutes:**

1. Minutes of October 19, 2016 – Stephen/Russ
2. Review of food allergy data analysis methodology using NIH data set.
   1. The group questioned the use of gluten containing cereal as a category – Elaine will check with SME at AAAAI re this term.
   2. The term shellfish is ambiguous, but the group questioned the use of crustacean shellfish vs. molluscan shellfish. Russ explained that there is cross-reactivity within each category, but not between both categories. Elaine noted that most EHR’s do not distinguish between types of shellfish now, but it is hoped that by noting the difference that documentation practices can change.
   3. Rob McClure asked about cross-reactivity data as well as reactions related to each substance. These data have not been collected for food, but these data types can be gathered in future.
   4. Plan is to have this data analysis completed by the San Antonio meeting to share with the larger group, determine members of the value set and then decide on a terminology to use.
3. The work of the medications sub-group was reviewed. Rob McClure noted the presentation on the G-SRS system in the Netherlands. The system has additional information on reactions, severity as well as the substances. Elaine noted that this system is managed by the FDA, and is based on UNII codes. There is no utilization of RxNorm.
4. IHTSDO meeting in NZ – coding on an allergy list vs. an allergist’s need to confirm a specific allergy. Bruce Goldberg’s work in SNOMED CT supports the allergist’s needs. Reviewed concept modeling in SNOMED CT. Russ presented as well noting that “allergies” mean different things to different people. Hard to use the term “pseudo allergy” when it is not clear what an allergy is. Note that we tend to treat anything a patient says as an allergy. Ross noted that cross reactivity was a significant risk, but based on chemical structure of related drugs, not documented as actual occurrences. Substances and products work still ongoing (Toni Morrison).
5. USP group – next meeting not yet planned.
6. FHIR resources for allergy and intolerance resource – 5 more comments. Also category cardinality discussion.
7. Next meeting will be held on Wednesday, November 16.