**HL7 Patient Care Work Group**

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

**Date: July 19, 2017**

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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** |  |
| Bit Vo | X |
| Brett Marquard |  |
| David Parker |  |
| Bob Thompson |  |
| Della Dunbar |  |
| Dianna Dodd |  |
| Donna Bohannon |  |
| Elaine Ayres | X |
| Emma Jones |  |
| Hank Mayers |  |
| Heather Coleman |  |
| Jaspreet Birk |  |
| Jay Lyle | X |
| Jennifer Harward |  |
| Joe Lamy |  |
| Joe Quinn | X |
| Julia Skapik |  |
| Larry McKnight |  |
| Lisa Nelson |  |
| M’Lynda Owens |  |
| Margaret Dittloff |  |
| Michelle Miller |  |
| Rita Barsoum |  |
| Rob Hausam |  |
| Rob McClure |  |
| Russ Leftwich |  |
| Russell McDonnell |  |
| Serafina Versaggi |  |
| Stephen Chu |  |
| Sue Kent |  |
| Susan Loucks |  |
| Tony Little |  |
| Shelley Spiro |  |
| Luke Tso |  |
| Gary Winkler | X |
| Mike Padula |  |

Agenda:

AGENDA

1. Minutes from the 6/21 call: <http://wiki.hl7.org/images/c/ce/Patient_Care_Allergies_Minutes_2017_6_21.docx>
2. Update on food and drug analysis for upcoming ballot
3. Discussion of environmental findings and terminology mappings to include in ballot
4. Expectations for the representation of cross-reactivity
5. Ballot deadlines for submission of content
6. Other topics
7. Agenda for next meeting – August 2, 2017

Minutes:

1. Minutes from 6/21 – deferred
2. Elaine reviewed the compilation of food data from the following sources:
   1. VA
   2. DOD
   3. Cerner Population Health
   4. Keiser Permanente
   5. Intermountain
   6. Cleveland Clinic
   7. NIH Clinical Center

There are 6,237,717 total records in the data set including no known food allergies and general statements such adverse reactions to food.

Foods were provided as discrete values, and as text. The text was parsed to create separate additional discrete substances. The entire data set was then pivoted to come up with total values for each substance. A second level classification then grouped foods be category such as dairy, fruits and vegetables. All substances have been mapped to SNOMED CT.

1. Several questions that should be added to the informative paper:
   1. What is the useful level of granularity to include in each value set (e.g. medications, foods, environmental)
   2. How do contributors vary in terms of substances – can any conclusions be drawn from the data?
   3. Provide articles to back up discussions related to relevance e.g. seafood, cross reactivity e.g. fish and shellfish.
   4. Elaine will also provide a table that displays data by international food labeling laws.
2. Actual substances will be provided for the ballot as spreadsheets with terminology mappings.
3. Elaine will put together an abbreviated value set of environmental terms with mappings to SNOMED CT.

Timing:

Ballot documents are due to HL7 by Sunday, July 30. Jay needs a final copy of the document and spreadsheets by Friday, July 28th.

Elaine will schedule another phone call during the week to review with SME’s.

Next Meeting – August 2 – do we need a meeting on July 26?

1. Minutes for July 19
2. Update on meds and foods
3. September ballot document
4. Additional topics as time allows
5. Agenda for August 2