**HL7 Patient Care Work Group**

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

**Date: March 22, 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** | **Present on March 22, 2017** |
| Bit Vo | X |
| Brett Marquard |  |
| David Parker |  |
| Dianna Dodd |  |
| Donna Bohannon |  |
| Elaine Ayres | X |
| Emma Jones |  |
| Hank Mayers |  |
| Jaspreet Birk |  |
| Jay Lyle | X |
| Jennifer Harward |  |
| Joe Lamy |  |
| Joe Quinn |  |
| Julia Skapik |  |
| Larry McKnight |  |
| Lisa Nelson | X |
| M’Lynda Owens |  |
| Margaret Dittloff |  |
| Michelle Miller |  |
| Rita Barsoum |  |
| Rob Hausam |  |
| Rob McClure |  |
| Russ Leftwich | X |
| Russell McDonnell |  |
| Serafina Versaggi |  |
| Stephen Chu |  |
| Sue Kent |  |
| Susan Loucks |  |
| Tony Little |  |
| Shelley Spiro |  |
| Luke Tso |  |
| Mike Padula |  |

**Agenda for March 22, 2017**

Agenda:

1. Minutes for March 8
2. Medication data analysis
   1. European data
3. Additional topics as time allows
4. Agenda planning for April 5

Medication Data Analysis

Jay is still cleaning the data strings and multiple data mappings. Some mappings are in conflict.

If strings match to mapping is that ok?

What if only one mapping?

What if no mapping?

What if 0-1 instances? What if 500, 100 instances. Mappings are RxNorm, SNOMED, NDFRT and UNII.

What are the possible formats? Most likely RxNorm and NDFRT.

For the classes – what kind of validation can we do for cross reactive classes? If a class is not included, can we reference a resource that explains why.

What do we do with vaccines – base on organism, the media grown in.

Ask for mapping:

Classes – list of classes that have been frequently cited as cross-reactive. Russ will supply.

Thresholds for mapping – what is logical cut-off? Don’t map if under 500 instances.

Vaccines – should we include in this round? Also biologics? Did you consider CVX? Many strings do not map to CVX. Without a reaction – frequency data may not be useful. An adverse reaction may actually be an appropriate reaction to the vaccine.

Elaine will contact Kin Wah Fung at the National Library of Medicine with assistance with mapping to RxNorm.

Antigen testing – may have used the wrong code. Using test reagent. But may have had an adverse reaction to a test. (Fish).

Look at drugs that cause cardiac arrhythmias.

Dutch – would like to make international.

Requires identifiers – is there a standard set like RxNorm?

There is Dutch data that can be added to the analysis – but the data set requires payment.

Goal is to ballot in September.

Wednesday, Q4 in Madrid – IDMP presentation vs normal allergy work. Will have audio link.

Agenda for April 5:

1. Minutes for March 22
2. Medication data analysis – follow up.
3. Additional topics as time allows
4. Agenda planning for April 19