Meeting to Discuss CON-Banner Data Needs

Don Saner, Research IT Senior Director for Banner

Wednesday, March 4, 2020

Attendees: Don Saner, Alice Pasvogel, Judith Gordon, Sheila Gephart, Nic Paulos, Jessica Rainbow, Kathie Insel, Shu Fen, Wung, Terry Badger, Kim Shea

Goal: We want to explore how we can improve our collaboration between UACON faculty and Banner nursing, using Banner data.

Honest Broker System Process:

When Don moved from the UA to Banner, his team created an Honest Broker Process for UA faculty to request Banner data. This request is managed through the UA IRB. Currently, Banner and UA have their own, individual tracking systems.

How the Honest Broker System Works:

- You request data through the Banner RIA system (https://research.uahs.arizona.edu/clinical-trials/research-intake-form). Include the CRDW request form https://rgw.arizona.edu/sites/default/files/crdw_request_form_2020_02_12_final.pdf with the RIA.
- Once approved, submit to the UA IRB (VPR-IRB@email.arizona.edu). (will be submitted by ORS following review in the College of Nursing. Review in the College can take place while waiting for Banner approval)
- If the data requested is from Banner UA, the time frame for IRB approval is approximately 4 weeks.
- If the data requested is from all Banner (or includes other than Banner UA facilities), then a Data Sharing Agreement must be approved through the UA and Banner Contracts offices and the Banner IRB (adding at least 4 weeks)
- The data pulls take between 1 – 8 weeks to process. Currently the College of Medicine funds 2 FTEs, and there is typically backlog of requests.

Helpful Link on How to Access Banner Data:

https://rgw.arizona.edu/compliance/human-subjects-protection-program/collaborative-activities-banner-health (See access to Data Warehouse)

What data can we have access to? *All the discrete fields within Cerner (no notes or free text fields) Banner is currently working with Cerner to access notes/free text fields.*

Questions from the Group:

Judith: On average, how much time from the time of the request to the time you could have access to the data? – *It could be several months (time ranging from 1 week to 8 weeks depending how many requests are in queue)*

Judith: Because the College of Medicine is funding FTE's, do they receive priority over requests? - *Right now, there is a "first-in, first-out" when prioritizing. Banner is trying to work with the right people at the UA on how to prioritize. If there is a deadline associated with a request, they will do their best to work with the requester.*

Sheila: Do you have nursing flowsheet data available (ex. Nursing assessments, vital signs that would include warnings, etc.)? – *As long as it is in discrete fields, they should have the data. Any data in free text entry or notes are not available.*

Jessica: Are there other costs other than the FTE associate with pulling the data? *No*

Jessica: Are there extra costs for data pulled from Community Clinics? *No, if you are wanting to pull data from the entirety of Banner, then you would need to submit to the Banner IRB, If the clinic is a UA associated clinic, then you can still process through UA IRB.*

Judith: How much extra time would be submitting an IRB to Banner take? *About a month, Banner is more stringent with what they require and are looking for. They have associated staff that are there to help put together your IRB. If you have all of your paperwork completed and are attentive to all details and questions, it could go fairly quickly.*

Jessica: How much FTE does it take for someone to pull records? How many hours does it take to pull the data? *It takes anywhere from 1 week to 8 weeks to pull the data. The data that is pulled from Cerner, is very raw, so it takes more time to make it usable (extract and validate)*

Kim: Is OMAP is Banner Data in addition to the All of Us Data? *They have taken the broad Banner data and mapped it to be more usable for the All of Us Research Data. You would still need to go through Banner to access the data.*

Kim: Can we access a data set to use for different class purposes? Is the Epic Data warehouse still available? *Epic data warehouse may be more usable for student use. This may help students better understand data, and find a data set that they are wanting to work with. There is a deidentified repository of data at the UA that could be used for class purposes.*

Helpful Link on How to Access the Data Repository:

https://cb2.uahs.arizona.edu/services-tools (See Deidentified Clinical Data Repository and Clinical Data Warehouse)

Shu Fen: Can you speak to perspective data (certain type of algorithm), what would the process be? *Banner has prospective data that can be updated on a periodic basis. So, they will give you a baseline, then update the data periodically.*

Going Forward:

Now that we have a better idea of how to go about requesting these data, Judith and Don should figure out a way of tracking the number of requests that are coming in from the CON. If it is regular, we can look at resources/funds (FTE) needed for CON data requests. For now, since CON requests are not frequent, we will request data through the existing Honest Broker Process at no cost.