

Virginia COVID-19 Meeting 5/22/20

Introduction of new members from INOVA and Carrilion – Dr. Dodani

- Chris deFilippi—INOVA, site PI for iThrive
- Mattie Tenzer—Carrilion, informatics lead

Old Business/Updates – Dr. Dodani & Group Discussion

- GMU, Vibrent, and HADSI submitted a LOI for a small grant from the Russel Sage Foundation

N3C Presentation by UVA - Ms. Loomba & Dr. Brown

Website: <https://covid.cd2h.org/N3C>

- National NCATS efforts around COVID-19 data sharing
- CD2H (Clinical Data to Health)
- N3C is a centralized secure portal for hosting patient-level COVID-19 clinical data.
- Everything starts with a *specific* data pull from the EMR (ie: into OMOP or TriNetX).
- The “phenotype” defines the cohort of patients, and then all of their data is pulled.
- Data is ingested into a single database. Data is brought together into a common data model (in this case OMOP).
- Everything is stored in a secure cloud. The data never leaves there and all analytics is conducted within the secure environment. Tools like R and python can be used within that secure environment.
- There is also a pilot plan around generating synthetic data.
- Governance—Johns Hopkins is the central IRB.
- Institutions who have not contributed data are still able to submit a DUA to use data.
- UVA is a pilot site for transferring their data.
- If an institution is already using TriNetX, the agreement would need to be amended to include data with identifiers, and then they would be able to do the data extraction.
- Next step once we start getting data up will be to look at what are the most important research questions. Involve clinicians, data scientists, etc.
- Team members inquired about some presentation materials that might be more geared to interests of clinician researchers. Currently they are developing a website that could be more user friendly, as well as some trainings on palintir (the data environment) that have been ongoing. There are also specific working groups related to this, and those presentations will be available on the new NCE website.

Health worker study by INOVA - Dr. DeFilippi

- Question: what is the serology/antibody levels in INOVA healthcare staff, and how does that change over time?
- Monthly evaluations to assess seroconversion rates.
- Focused primarily on clinical care staff as well as support staff including food services workers and maintenance.
- Looking at potential long-term implications of COVID-19.

Action Items

Dr. Dodani advise all to review N3C documents and provide suggestions on collaboration projects

Dr. Dodani to have meeting with Dr. deFilippi to learn more on the healthworker study to make sure that the upcoming registry work does not duplicate what already exists

Next meeting will be arranged as per need