

2016 Learning Engagement Conference

Friday, October 14th, 2016

Claims Data Integration through GROUSE Project and Engaging Investigators

Russ Waitman & Jim McClay – Present

Brittany Zschoche – Notes

1. **Distribute Russ's slides**
2. Strategy for claims integration, based on Phase 1 application
 - a. Will compare claims data for each of the three cohorts
 - b. Find out what we don't know
 - c. Phase 1 carry forward; obtained by end of Phase 2, Year 1
3. Central repository
 - a. Purchased claims for the 8 GPC states
 - i. Based on residency status of patients (not providers)
 - b. At the time of application keeping data centrally at KUMC was the only option; in the future different options can be explored
4. Process Diagram:
 - a. PPRN input will happen at a later stage
 - b. KUMC is reviewing finder file right now
 - c. Sites send finder files to GDIT
 - i. It's up to a site as to how to make a finder file (within the guidelines of CMS/NewWave)
 - ii. Some patients may be missing SSN, DOB, HIC, etc., but New Wave should still be able to match some
 1. Sites' legal counsels may require varying levels of tracking, approval, etc.
 - d. Currently this work is being tracked internally at KUMC; info/ticket will be made public soon
 - e. Sites send data offset applied to LDS (that went to New Wave) to KUMC so analyses can be run
 - f. Process is the same for the Medicaid data
 - g. Stage claims data first
 - h. Code to push it into i2b2
 - i. Scripts also turn i2b2 data into CDM
 - j. KUMC is part of a CMS Pilot Project to compare CMS data with ADAPTABLE patients - this code is rough
5. Projects: Pilot and Future
 - a. GPC has funding to support pilot projects surrounding the cohorts
 - i. KUMC will work with cohort leads about what to assess first
 - ii. Identify leading projects and characterizations for the data
 - iii. Betsy: survival, drugs, complete treatment
 1. Think about which projects use multiple centers, and their claims data, EHR data
 - b. Health Plan Payor projects
 - i. They don't want to negotiate data linkages with 100 different data marts
6. Next year, put in another request to complete data, obtain subsequent years
7. Integrating data on a secure server; another server will be VPN

- a. Raw files, date shift, for immediate analysis
 - b. Set up SAS environment
 - c. Set up R environment
- 8. Minimum cell size policy
 - a. PCORnet will follow CMS rule of cell size 11 or greater (to prevent dataset looking like raw data for small populations)
- 9. When will this be open for business?
 - a. Physical environment – hoping for November/December to be compliant with NIST standards
 - b. I2b2 format – February 2016 to start running scripts
 - c. What about cost? Use same cost model that's currently used (~\$100/hour)
 - d. Possible to work with CMS about obtaining data for reuse (~\$10k-15k)
 - e. Can also refresh data in subsequent years
- 10. Pricing model
 - a. Address overhead upkeep, initial sunk costs, hidden administrative costs to process this work
 - b. At first, make sure it works; later change margins to recoup initial investments
- 11. **Monthly updates to GPC-DEV**
- 12. **Discuss Pilot and Cohort Projects**
 - a. Is there a claims-based community in the GPC?