**Agenda**

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| Meeting Information | | | |
| **Meeting Location:** | Phone | **Meeting Time:** | 11:00 am – 12:00 pm ET |
| **Dial In:** | 877-262-2695 | **Access Code:** | 100856# |

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| Attendees | | | | | |
| **Name** | | **Attended** | **Name** | | **Attended** |
| Doug MacFadden | Harvard |  | Nich Wattanasin | Partners |  |
| Nick Anderson | UC Davis |  | Bhaswati Ghosh | Partners |  |
| Shawn Murphy | Harvard / Partners |  | Philip Trevvett | Harvard |  |
| Marc Ciriello | Harvard |  | Elaina Sendro | The Chartis Group |  |
| Vivian Gainer | Partners |  | Other: |  |  |

| Agenda/Minutes | | |
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| Agenda Item | **Points of Discussion** | Meeting Notes/Follow-up |
| **ACT Performance Testing** | * + - Discuss opportunities for us to “stress test” the network       * Long running queries       * Additional users     - Review how we can pull in others from the network       * Utilize test network | Not unreasonable that 5 queries would be running at the same time or within minutes of each other  -Manage expectations  -Can run a query, and if sites are queued, can go back and do queries later on  Nick: Is it tolerable for sites to just never return a response?  -Reusing queries or seeing where previous queries were submitted but didn’t return,  -More optimizing than it is depth of the network  Shawn: May be an out of memory error (query is never coming back); people either need to add enough horsepower in their server otherwise they’ll have performance issues; reality of all modern computing  -Often times under-resourced their install  Two options:   1. Encourage people to invest more into their hardware 2. Ways to cut database by taking random samples out of it into a fraction of its size; would then give approximate answers much more quickly   Can you determine from SHRINE errors if its an error in that it didn’t complete correctly because of something technical or if it’s just really long running because of process?  -Can usually be traced back  \*A long running query will not show as an error, it will show as queued if there is still the potential to respond  Two things:  -Reminder to sites of minimum expectations  -Educate end users  Any thought on if we have legitimate, very long (10-15 min running queries) because they are complex, or do we just not expect to see this behavior?  We can give sites a set of queries, and if they do not perform it in a specific amount of time, there is an issue and they will need to investigate  -PCORI would do this weekly  -Performance testing; will help see what a reasonable expectation is  Doug: Have sites collect their own information and let them know how it performs across the network  -Just an indicator  -Shawn: just have general SHRINE queries and collect statistics on them from each site; could also give them local queries to check against their i2b2 databaes  -Set of sql queries to see if its their software (and hence memory) that’s underpowered or if it is the local database that’s slow  -To put this into action: could classify what is fast, medium, and slow; then when results are returned, in the query tool, identify which sites are slow, fast, or medium  Philip: Can we have an understanding as to how much longer a SHRINE query takes vs. the same query run locally?  Shawn: Start with just a few of our own SHRINE queries to assess items and see how reproduceable it is across sites (Doug to try a set of 5 queries 5 times to see how reproduceable it is across sites – which sites are slow, which are fast) – do we think it’s actually a problem with a local site or is it something else?  -This information is probably in the xml somewhere (time response from each node)  Doug: Part of the smoke test is if the query completed in the specified amount of time  Should we use the Smoke Test to put a time limit on particular queries? Yes – good first step  **Marc will have Sam take a look at this through running the Tuesday smoke test** |
| **Engaging the Network** | * Brainstorm ways to collect and integrate feedback from our community   + Collect comments on everything from user interface to query performance and decide what other network metrics would be useful to collect   + Expand upon interview process conducted by Evaluation Team |  |

| Next Meeting/Future Agenda Items | |
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| **Next Meeting/Future Agenda Items:** | 4/24; informatics + PI group meeting; general status of the network; gathering patient sets off of the local sites |