

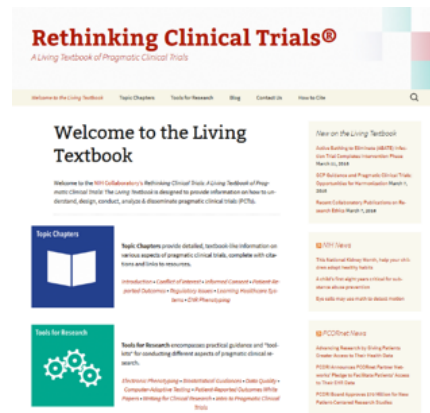
## Resources for Designing and Conducting Pragmatic Clinical Trials

NIH Collaboratory website  
[www.nihcollaboratory.org](http://www.nihcollaboratory.org)



- Lessons learned from our 10 PCT Demonstration Projects
- Weekly Grand Rounds (public webinars) on topics in PCTs
- Resources from our Core Working Groups
  - Electronic Health Records
  - Phenotypes, Data Standards, and Data Quality
  - Patient-Reported Outcomes
  - Health Care Systems Interactions
  - Regulatory/Ethics
  - Biostatistics and Study Design
  - Stakeholder Engagement

Rethinking Clinical Trials: A Living Textbook of Pragmatic Clinical Trials  
<http://sites.duke.edu/rethinkingclinicaltrials/>



- Topic Chapters on using electronic health records, patient-reported outcomes, and more
- Tools for Research from NIH Collaboratory and other groups
  - Guidance documents
  - White papers
  - Toolkits
- Blog with news on PCTs (subscribe!)

## Knowledge Repository

- A resource library that serves our websites
- >400 documents, links, and videos archived and searchable
- >150 archived Grand Rounds presentations on topics in PCTs

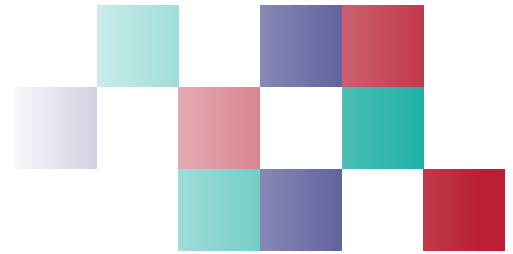
- Resources are continually added, expanded, and updated
- Follow us on Twitter @Collaboratory1 and @PCTGrandRounds





# NIH Collaboratory

Health Care Systems Research Collaboratory



## Featured Tools for Research

<http://sites.duke.edu/rethinkingclinicaltrials/>

### Biostatistics and Study Design



- **6 Biostatistical Guidance Documents on the Living Textbook:** <http://sites.duke.edu/rethinkingclinicaltrials/biostatistical-guidance-documents/>
  - Includes key issues in extracting usable data from EHRs for PCTs, intraclass correlation coefficient, unequal cluster sizes in cluster-randomized clinical trials, and more
- **Additional presentations and publications at** <https://www.nihcollaboratory.org/cores/Pages/Biostatistics.aspx>

### Using Electronic Health Records for Research



- **Living Textbook Chapter on Acquiring and Using Electronic Health Record Data:** <http://sites.duke.edu/rethinkingclinicaltrials/acquiring-and-using-electronic-health-record-data/>



- **White Paper "Assessing Data Quality for Healthcare Systems Data Used in Clinical Research":** <http://sites.duke.edu/rethinkingclinicaltrials/assessing-data-quality/>

### EHR-Based Phenotyping



- **Living Textbook Chapter on Electronic Health Records-Based Phenotyping:** <http://sites.duke.edu/rethinkingclinicaltrials/ehr-phenotyping/>



- **EHR-Based Phenotyping Tools on the Living Textbook:** <http://sites.duke.edu/rethinkingclinicaltrials/tools-for-research/tools-ehr-phenotyping/>
  - Recommended phenotype definitions and resources for identifying existing computable phenotype definitions
- **Additional presentations and publications at** <https://www.nihcollaboratory.org/cores/Pages/phenotypes.aspx>

### Health Care Systems Interactions and Stakeholder Engagement



- **A Guide to Research Partnerships for Pragmatic Clinical Trials.** Johnson KE, et al. *BMJ*. 2014;349:g6826. Available at: <http://dx.doi.org/10.1136/bmj.g6826>.



- **Guidance Document "Considerations for Training Front-Line Staff and Clinicians on Pragmatic Clinical Trial Procedures":** <http://sites.duke.edu/rethinkingclinicaltrials/training-front-line-staff-and-clinicians/>
- **Additional presentations and publications at** <https://www.nihcollaboratory.org/cores/Pages/HCS-Interactions.aspx>
- **Presentations on Stakeholder Engagement and Summary Reports from the NIH Collaboratory Stakeholder Advisory Group available at** <https://www.nihcollaboratory.org/cores/Pages/stakeholder-engagement.aspx>