



NIH PRAGMATIC TRIALS COLLABORATORY

Rethinking Clinical Trials®

Patient-Centered Research in Real-World Settings: Essentials of Embedded Pragmatic Clinical Trials Workshop

SCT 2024 Annual Meeting

Boston, MA

May 19, 2024

Program Description

Recent rapid changes in the challenges facing healthcare have made it even more critical to have a highly efficient mechanism for clinical research that can deliver much-needed evidence faster and with minimal additional resources. This workshop introduces concepts in the design, conduct, and analysis of embedded pragmatic clinical trials (ePCTs), with a particular focus on engaging stakeholders and measuring outcomes, including patient-reported outcomes. ePCTs are randomized trials conducted within healthcare systems and use streamlined procedures and existing infrastructure to answer important medical questions for patients, providers, and health system leaders. Such trials have the potential to inform policy and practice with broadly generalizable, high-quality evidence at lower cost and greater efficiency compared with traditional explanatory clinical trials. The workshop will provide an introduction to the opportunities for embedded health systems research, along with strategies for conducting patient-centered clinical trials that provide real-world evidence necessary to inform improvements in healthcare. The workshop format is as follows:

- A series of didactic presentations, each with ample time for attendee Q & A with presenters. Firsthand ePCT experiences and case studies from the NIH Pragmatic Trials Collaboratory will support and illustrate the topics presented. Live polling will be used to encourage attendee interaction around the topics.
- Small group hands-on learning activity in which attendees work together to problem-solve real challenges encountered by ePCTs. A report out from the activity will further support collaborative learning.
- Interactive, facilitated panel discussion with experienced Principal Investigators of NIH Collaboratory ePCTs.

Learning Objectives

1. To clarify the definition of ePCTs and explain their utility.
2. To introduce attendees to the unique characteristics and challenges of designing, conducting, and implementing ePCTs within diverse health care systems.
3. To increase the capacity to address important patient-centered questions with ePCTs in real-world settings.