NIH PRAGMATIC TRIALS COLLABORATORY
Rethinking Clinical Trials®

# Dissemination and Implementation in Embedded Pragmatic Trials: Science-Powered Strategies to Sustain and Spread Effective Interventions

18th Annual Conference on the Science of Dissemination and Implementation in Health
Hosted by AcademyHealth and the National Institutes of Health
"Realizing the Benefits of Dissemination & Implementation Science"

Gaylord National, National Harbor, Maryland
December 14, 2025

| Time | Topic | Speakers | Goals |
|---|---|---|---|
| 10:00-10:10 am | **Welcome and Opening Remarks** | Emily O'Brien | • Review agenda, objectives, and the Living Textbook |
| 10:10-10:40 am | **Embedded Pragmatic Clinical Trials (ePCTs) and Hybrid Effectiveness-Implementation Trials: Similarities and Differences** | Hayden Bosworth | • Consider the importance of ePCTs, implementation science, and learning health system principles<br>• Identify key similarities and differences between ePCTs and hybrid trials<br>• Discuss advantages and disadvantages of ePCTs and hybrid trials and when they can be used to answer research questions |
| 10:40-11:10 am | **Design, Analysis, and Monitoring Considerations** | Qilu Yu | • Identify common experimental designs and randomization schemes in ePCTs and hybrid trials<br>• Discuss design and analytic considerations for trials with both effectiveness and implementation outcomes<br>• Understand the importance of monitoring adherence and fidelity |
| 11:10-11:40 am | **Measuring Effectiveness and Implementation Outcomes** | Angelo Volandes | • Describe methods for measuring outcomes using sources such as electronic health records and patient-reported outcomes<br>• Identify considerations for defining and measuring implementation outcomes |
| 11:40 am-12:40 pm | **ePCTs in Context: Small Group Work Followed by Panel Discussion With NIH Collaboratory Trial PIs** | **Moderator**:<br>Emily O'Brien<br><br>**Panelists**:<br>Diana Burgess<br>Julie Fritz<br>Vince Mor<br>David Wetter | • Hear from PIs of NIH Collaboratory Trials about their studies<br>• Work in groups to discuss design considerations faced by these ePCTs<br>• Discuss how PIs handled challenges from attendees' discussion, reflect on the morning topics, and discuss lessons learned |

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| 12:40-1:40 pm | **Lunch** | | • Network with attendees and presenters |
| 1:40-2:10 pm | **Pilot and Feasibility Testing** | Lanay Mudd | • Identify approaches to evaluating the capabilities of partnering health systems and testing key elements of various types of interventions |
| 2:10-2:40 pm | **Ethical and Regulatory Considerations and Posttrial Obligations** | Stephanie Morain | • Learn about recurring and emerging ethical and regulatory issues in ePCTs<br>• Understand posttrial obligations related to dissemination, sustainment, and deimplementation<br>• Discuss ethical considerations for sharing aggregate results |
| 2:40-2:50 pm | **Break** | | • Network with attendees and presenters |
| 2:50-3:20 pm | **Engaging With Health Systems and Community Partners to Plan for Dissemination** | Hayden Bosworth | • Consider the breadth of individuals to engage as partners and approaches for engaging them throughout the study<br>• Discuss the importance of working with partners to identify and plan for posttrial activities |
| 3:20-3:50 pm | **Posttrial Sustainment or Deimplementation of Study Interventions** | Vince Mor | • Identify factors influencing sustainment and deimplementation of study interventions<br>• Discuss strategies to assist investigators and research partners with posttrial interpretation and sustainment/deimplementation considerations |
| 3:50-4:50 pm | **ePCTs in Context: Small Group Work Followed by Panel Discussion With NIH Collaboratory Trial PIs** | **Moderator**:<br>Stephanie Morain<br><br>**Panelists**:<br>Diana Burgess<br>Julie Fritz<br>Angelo Volandes<br>David Wetter | • Work in groups to discuss posttrial considerations and dissemination approaches in these ePCTs<br>• Discuss how PIs handled the challenges from attendees' discussion, reflect on the afternoon topics, and discuss lessons learned |
| 4:50-5:20 pm | **Writing a Compelling Grant Application** | Beda Jean-Francois | • Learn how to develop a compelling grant application for ePCTs and hybrid trials<br>• Tips from NIH Collaboratory PIs |
| 5:20-5:30 pm | **Closing Remarks** | Emily O'Brien | • Wrap-up, including identifying resources for further learning |