



### Co-Chairs:

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# Electronic Health Records Core

## Mission

- Help trials acquire, assess, and use real-world data
- Create tools to leverage EHRs for research across multiple health systems
- Share lessons broadly

# Electronic Health Records Core: Key Resources



- Living Textbook chapters on using real-world data and EHR-based phenotyping
- Assessing Data Quality guidance document
- Data and resource sharing information and checklists
- Workshop on advances in digital health, EHRs, and ePCTs (recording available)

View Chapters >

## Data, Tools & Conduct

- Acquiring Real-World Data
- Assessing Fitness-for-Use of Real-World Data
- Electronic Health Records–Based Phenotyping

Rethinking Clinical Trials®

## Assessing Data Quality for Healthcare Systems Data Used in Clinical Research

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**Table of Contents**

- Objective ..... 2
- The NIH Pragmatic Trials Collaboratory ..... 2
- Data Quality Assessment Background ..... 3
- Data Quality Assessment Dimensions ..... 4
  - Completeness ..... 4
  - Accuracy ..... 6
  - Consistency ..... 10
- Data Quality Assessment Recommendations for NIH Collaboratory Trials ..... 11

**Data and Resource Sharing Checklist**  
 All NIH Pragmatic Trials Collaboratory Trials are expected to complete this checklist at closeout. The information provided in the checklist will be published in the Living Textbook on each Collaboratory Trial's page and on a Data and Resource Sharing page.

Data and Resource Sharing Checklist		
<b>1. Trial information</b>		
Trial name and acronym:		
Checklist completed by:		
Date:		
Link to ClinicalTrials.gov registration:		
Link to trial website:		
<b>2. Resource location</b>		
Item	Provide hyperlink or indicate if item will be stored in the KR	If item will not be shared, please provide a brief explanation for the omission
<b>Publications/Dissemination</b>		
Link to protocol paper		
Link to main outcome paper		
Link to other trial-related publications		

## What Are the Challenges of Using Data Directly From the EHRs?

NIH PRAGMATIC TRIALS COLLABORATORY  
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vimeo

# Electronic Health Records Core: Contributions to Trials



- Helped trials work through:
  - Using data from diverse sources
  - Phenotype validation
  - Issues around clinical decision support tools
  - Employing natural language processing
  - Assessing data quality
  - Planning for data sharing

“I knew nothing about how to validate electronic data, and I learned so much from that group... There were really bright people there to help.”  
—*Bev Green, Co-PI of STOP CRC*

“Work with Core Groups early in the planning phase and keep aware of barriers and challenges.”  
—*Miguel Vazquez, PI of ICD-Pieces*