

MAKING MEASUREMENT MATTER

Learn All About It!

October 27, 2023

1:00 – 2:00 pm EST



Our Goals for Today

- Introduce the *Measurement Matters* Project
- Share Ways to Be Involved
- Answer Questions and Have Discussions to Inform our Work Moving Forward



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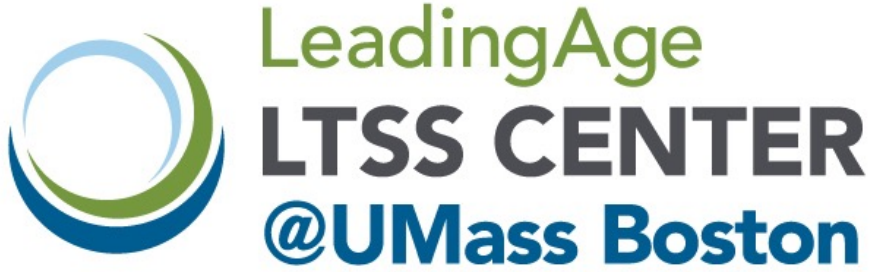


**Dr. Airia
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Qualitative
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Quantitative
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Our Team



Research bridging policy and practice



BOSTON COLLEGE
Connell School of Nursing

Measurement Matters is
1 of only 7 projects chosen by the
Patient-Centered Outcomes
Research Institute (PCORI) to
develop and validate a tool that
measures effective engagement.

WHY THIS PROJECT?

- Many funders, including PCORI, require engagement of people most impacted by research in the design and implementation of research
- The “Science of Engagement” is not well understood
- Researchers lack tools to measure engagement activities, making it difficult to assess the impact of engagement on research outcomes

PROJECT AIMS

Aim 1: Develop a Comprehensive PCOR Engagement Measure (PCOR-EM).

Aim 2: In partnership with the National Patient-Centered Clinical Research Network (PCORnet[®]), assess content validity and reliability of the PCOR-EM among PCOR projects conducting research relevant to and including older adults.

The PAE Attention Framework TM

PEOPLE

People have personal values, beliefs, and experiences which influence how they approach engagement. People can influence outcomes and perceptions of success.

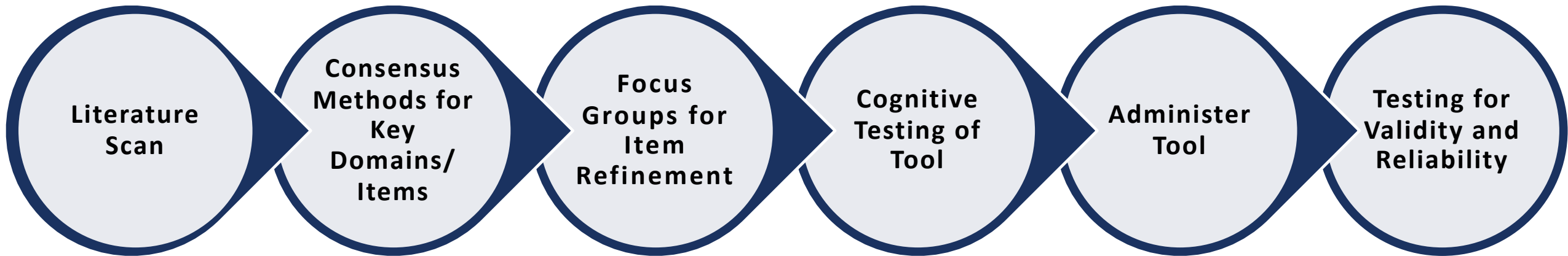
APPROACH

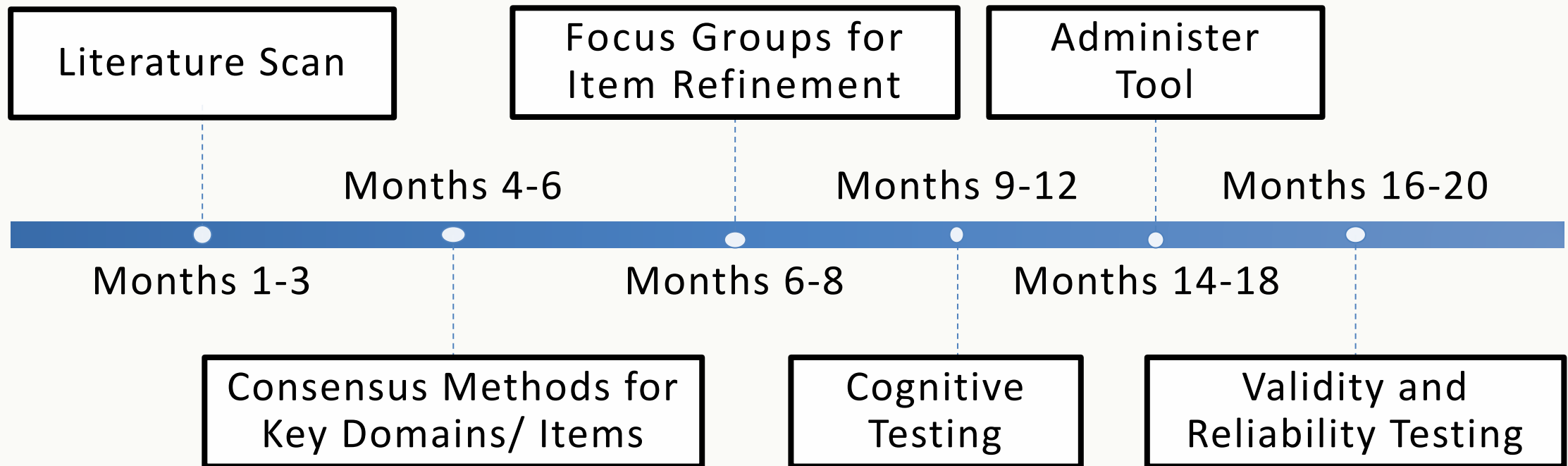
How engagement is “tackled” is influenced by people. The approach, good or bad, influences outcomes as well as people’s perceptions of success.

ENVIRONMENT

Pressure from leaders, constituents, colleagues, and funders as well as financial/time restraints will influence our perception of how important engagement is, the time and resources we devote to the process, and our own personal buy-in.

RESEARCH METHOD





Project Timeline

Contract Date: 12/2023 – 11/2025



Opportunities to be Involved

PCOR-EM Advisory Roles

Expert Technical Advisors

- May assume a one-time or an ongoing role
- Inform project decision making
- Up to 56 hours allocated to multiple Advisors (rates vary)
- Priority to those who provided a Letter of Support to this project

Steering Committee

- Guide all phases of the project
- Appx. 8 members who equally represent the patient and researcher voices
- Meet virtually appx. 8 times
- \$1,200 stipend

PCOR-EM Consensus Methods

Participants: Up to 60 patient, researcher, and engagement experts (including those with experience engaging underserved communities)

Purpose:

1. Refine our definition of “PCOR Engagement” and its domains
2. Map domains from low to high engagement
3. Develop pool of items for each domain
4. Identify data collection strategies for capturing outcome variables

PCOR-EM Focus Groups

Population

1. Facilitators of PCOR engagement
2. Individuals (patients) who have been engaged in PCOR

Up to 6 focus groups
(3 for each population)

Purpose

- To participate in the review, prioritization, and editing of preliminary PCOR-EM domains
- To simplify and potentially lead to the identification of domains that may have been missed

PCOR-EM Cognitive Testing

Participants: 10-15 individuals who lead or manage PCOR activities

Purpose:

1. Explore how participants understand each PCOR-EM question
2. Determine which survey questions need revision
3. Enable us to evaluate and refine the content and organization of the tool prior to PCOR-EM piloting

Pilot Testing Partner



- Offers access to real-world data through partnerships with Clinical Research Networks (CRNs)
- CRNs are groups of diverse healthcare institutions across the U.S., from large academic health centers to local community clinics
- Common goal to speed patient-centered research via PCORnet.

Pilot Testing Process

- A Pilot Subcommittee will inform PCOR-EM pilot design
- We will partner with PCORnet® to identify and engage pilot sites
- We will administer PCOR-EM with 225 individuals who lead or manage PCOR projects
- Our pilot test will clarify essential domains and help map domains with low to high engagement

Pilot Analysis

Factor Analysis

Test for Differential Item Functioning (DIF)

Assess Model Fit

Calibrate Items Using Best Model

Preliminary Validity Assessment

Discussion & Questions

