

Overview of PCORI Funding Announcements (PFAs), Priority Topics, and Methodology Standards

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Welcome!



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The Model of Comparative Effectiveness Research

- Research that Provides Improved Evidence for Healthcare Decision Makers
- Driven by the Needs of Stakeholders
- Guided by Well Defined Evidence Gaps
- Partnerships among Researchers and Clinical Partners
- Based on Rigorous Scientific Methodology



PCORI's Research Funding Programs

- Assessment of Prevention, Diagnosis and Treatment Options
- Improving Healthcare Systems
- Addressing Disparities
- Communication and Dissemination Research
- Improving Methodology
- Pragmatic Clinical Studies
- Targeted Research Initiatives



Assessment of Prevention, Diagnosis and Treatment Options

- **Decision Makers: Patients and their Clinicians**
- **Choices among Clinical Options**
- **Head to Head Comparisons**



Improving Healthcare Systems

- **Decision Makers: Healthcare Managers**
- **Choices among Options for Organizing and Delivering Care**
- **Often Address the Marginal Value of Additional Services**



Addressing Disparities

- **Decision Makers: Members of Disadvantaged Populations and their Caregivers**
- **Choices among Options for Eliminating Barriers to High Quality Care**
- **Often Address Strategies for Improving Access**



Communication and Dissemination Research

- **Decision Makers: People who Implement Programs for Improving Quality of Care**
- **Choices among Options for Implementing Best Evidence**
- **Can Address Shared Decision Making or Dissemination Strategies**



Improving the Methodology of Comparative Effectiveness Research

- **Decision Makers: Researchers who Desire to Use Better Methods**
- **Choices among Options for Measuring Outcomes and Analyzing Data**
- **Can Address Techniques for Improving Collaboration among Researchers and Partners**



Pragmatic Clinical Studies

- **Cross-Cutting Program across all the PCORI Research Areas**
- **Decision Makers: Everyone Involved with Health Care**
- **Most Projects are Randomized Controlled Trials**
- **Large Sample Sizes: Heterogeneity of Treatment Effects**
- **Larger Budgets and Longer Durations**



Targeted Funding Initiatives

- Focused Funding Announcements that Respond to Stakeholder Input
- Single Clinical Topics
- One-time Opportunities



We Work to Improve Research Methodology

In any study, methods matter. That's why we've developed methodology standards that all research should follow, at a minimum.

Methodology Standards: 11 Broad Categories

- Formulating Research Questions
- Patient-Centeredness
- Data Integrity and Rigorous Analyses
- Preventing/Handling Missing Data
- Heterogeneity of Treatment Effects
- Data Networks
- Data Registries
- Adaptive and Bayesian Trial Designs
- Causal Inference
- Studies of Diagnostic Tests
- Systematic Reviews



Questions?

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Thank You!

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