

# PCORI and Comparative Clinical Effectiveness Research

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PATIENT-CENTERED OUTCOMES RESEARCH INSTITUTE



# Disclosures

Carole Treston is a volunteer PCORI Ambassador and an appointed member of a PCORI Clinical Trials Advisory Panel.

Lee Hotchkiss is an employee of PCORI.

This session is part of a PCORI engagement & dissemination award to ANAC.

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# Agenda

- Overview of PCORI and Comparative Effectiveness Research
  - Connection to nursing research and HIV Patient Centered Care
  - What makes a successful PCORI proposal
  - Examples of PCORI funded research
  - Questions & Discussions
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# Learning Objectives

At the conclusion of this session participants will be able to:

- Describe PCORI approach to comparative clinical research
  - Identify the relationship between patient centered care and comparative clinical research
  - Discuss examples of PCORI funded research that are relevant to nurses and other HIV providers and people living with HIV.
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# Patient Centered Outcomes Research Institute

- An independent research institute authorized by Congress in 2010 and governed by a 21-member Board of Governors representing the entire healthcare community
- Funds comparative clinical effectiveness research (CER) that engages patients and other stakeholders throughout the research process
- Seeks answers to real-world questions about what works best for patients based on their circumstances and concerns



# PCORI Funds Comparative Clinical Effectiveness Research

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- Generates and synthesizes evidence comparing benefits and harms of at least two different methods to prevent, diagnose, treat, and monitor a clinical condition or improve care delivery
- Measures benefits in real-world populations
- Describes results in subgroups of people
- Helps consumers, clinicians, purchasers, and policy makers make informed decisions that will improve care for individuals and populations
- Informs a specific clinical or policy decision

*Note: PCORI does not fund cost-effectiveness research*

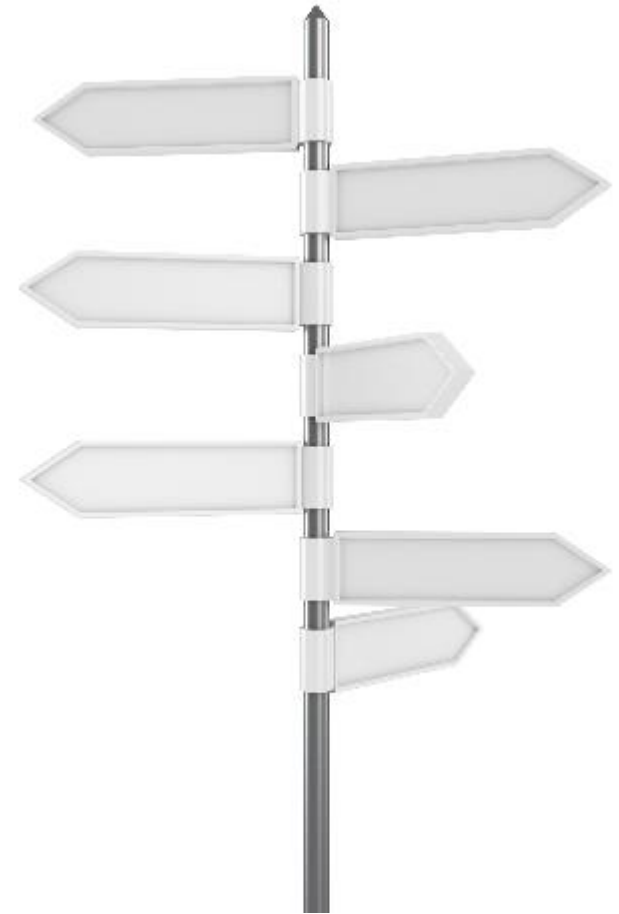
*Adapted from Initial National Priorities for Comparative Effectiveness Research, Institute of Medicine of the National Academies*



# Why Is PCORI Needed?

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- For all the advances it produces, traditional healthcare research has not answered many questions patients face.
- People want to know which preventive, diagnostic, or treatment option is best for them.
- Patients and their clinicians need information they can understand and use.



# How Is PCORI Different?

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- PCORI funds research on which care options work, for whom, under which circumstances.
- PCORI focuses on answering questions most important to patients and those who care for them.
- PCORI engages patients, caregivers, clinicians, insurers, employers, and other stakeholders throughout the research process.
- PCORI's intended outcome is useful study results easily translated and taken up in practice.





# PCORI Mission and Strategic Goals

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PCORI helps people make informed healthcare decisions, and improves healthcare delivery and outcomes, by producing and promoting high-integrity, evidence-based information that comes from **research guided by patients, caregivers, and the broader healthcare community.**

## PCORI Strategic Goals:



Increase quantity, quality, and timeliness of useful, trustworthy research information available to support health decisions



Speed the implementation and use of patient-centered outcomes research evidence



Influence research funded by others to be more patient-centered



# Who Are PCORI Stakeholders?



# How PCORI Engages Stakeholders



# PCORI Funds Patient-Centered Outcomes Research

PCOR is a relatively new form of CER that....

- Considers patients' needs and preferences, and the outcomes most important to them
- Investigates what works, for whom, under what circumstances
- Helps patients and other healthcare stakeholders make better-informed decisions about health and healthcare options



# PCORI National Priorities for Research

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## Assessment of Prevention, Diagnosis, and Treatment Options

### Research that:

- Compares the effectiveness and safety of alternative prevention, diagnosis, and treatment options
- Determines which ones work best for different people with a particular health problem



# PCORI National Priorities for Research

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Assessment of Prevention,  
Diagnosis, and Treatment  
Options

**Improving Healthcare Systems**

## Research that:

- Compares health system–level approaches to improving access
- Supports patient self-care, innovative use of health information technology, care coordination for complex conditions, and effective workforce deployment



# PCORI National Priorities for Research

Assessment of Prevention,  
Diagnosis, and Treatment  
Options

Improving Healthcare Systems

**Communication and  
Dissemination Research**

## Research on:

- Providing information produced by CER
- Empowering people to ask for and use the information
- Supporting shared decision making between patients and their providers

# PCORI National Priorities for Research

Assessment of Prevention,  
Diagnosis, and Treatment  
Options

Improving Healthcare Systems

Communication and  
Dissemination Research

**Addressing Disparities**

## Research on:

- Prevention, diagnosis, or treatment effectiveness
- Preferred clinical outcomes across patient populations
- Health care required to achieve best outcomes in each population





# PCORI National Priorities for Research

Assessment of Prevention,  
Diagnosis, and Treatment  
Options

Improving Healthcare Systems

Communication and  
Dissemination Research

Addressing Disparities

**Accelerating Patient-Centered  
Outcomes Research and  
Methodological Research**

## Research on:

- Building data infrastructure
- Improving analytic methods
- Training researchers, patients, and other stakeholders to participate in this research



# Engagement Award Overview (updated June 1, 2017)

## Engagement Award (EA) projects will:

- Equip patients and other stakeholders to engage as meaningful partners in PCOR/CER from topic selection to dissemination or implementation of results; and/or
- Support organizations to lay groundwork for disseminating and implementing research results or products derived from PCORI

Awards of **up to \$250,000** per project, up to **two years** in duration

## Funding through an Engagement Award Initiative Notice (EAIN) supports **meetings/conferences** that align with PCORI's mission and strategic plan, and facilitate expansion of PCOR/CER in areas such as:

- research design and methodology
- research development
- dissemination and implementation

Awards of **up to \$50,000** per conference, up to **one year** in duration

