



Getting to a Patient-Centered Comparative Effectiveness Research Question

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Patient-Centered Outcomes Research Institute

Goals of This Presentation

- What is patient-centered outcomes research (PCOR)?
- What is PCORI already funding?
- How can clinical questions be successfully addressed in a PCOR project?

What is Patient Centered Outcomes Research?

Patient-Centered Outcomes Research (PCOR) helps people and their caregivers communicate and make informed health care decisions.

- PCOR is a type of comparative effectiveness research (CER).

PCOR has the following characteristics:

- Actively engages patients and key stakeholders throughout the research process.
- Compares important clinical management options.
- Evaluates the outcomes that are most important to patients.
- Addresses implementation of the research findings in clinical care environments.

PCORI Funding Timeline (Approximate)



PCORI's Research Opportunities



Assessment of Prevention, Diagnosis and Treatment Options



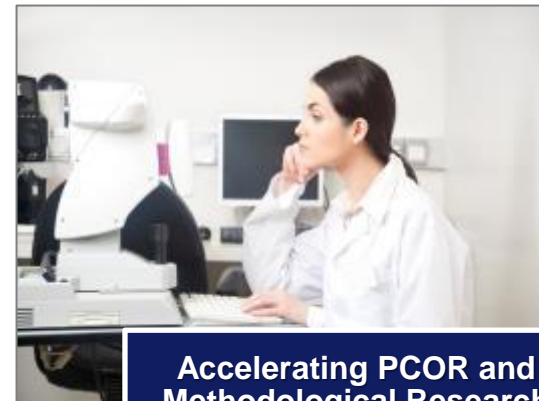
Improving Healthcare Systems



Communication & Dissemination Research



Addressing Disparities



Accelerating PCOR and Methodological Research

Our Growing Research Portfolio

Condition and Population Overview

What PCORI-Funded Researchers Are Studying

Conditions Studied

(Broad Funding Cycles I – III)

Studies
Funded

31

Mental
Disorders



31

Cardiovascular
Diseases



24

Cancer



19

Endocrine System
Diseases



16

Nervous System
Diseases



7

Musculoskeletal
Diseases



Populations Studied

(Broad Funding Cycles I – III)

Studies
Funded

68

Racial/Ethnic
Minorities



52

Elderly



43

Low Socio-
economic Status



40

Rural



25

Children



9

Urban



Assessment of Prevention, Diagnosis, and Treatment Options

Targeted Funding Opportunities:

- Underway:
 - Treatment options for uterine fibroids in women of childbearing age
- Under Development: announcements due in early 2014
 - Management strategies for ductal carcinoma in situ (DCIS)
 - Treatment options for back pain
 - Treatment options for bipolar disorder in adolescents and young adults

Improving Healthcare Systems

Targeted Funding Opportunities:

■ Underway:

- 5-year, \$30 million RCT of a tailored, multifactorial falls prevention strategy; partnership with NIA; announcement due in late July

■ Under Development:

- Models of transitional care
- Models of patient-empowering care management for people with chronic conditions
- Care management for perinatal care
- Integrated primary care and mental health services
- Insurance incentives

Addressing Disparities

Targeted Funding Opportunities:

■ Underway:

- Treatment options for uncontrolled asthma in African Americans and/or Hispanics/Latinos: Review 11/11/2013
 - 3-year initiative with funds available up to \$17 million

■ Under Development:

- Obesity treatment options
- Improving perinatal care (in collaboration with IHS)
- Reducing hypertension disparities

Accelerating PCOR and Methodological Research

National Patient-Centered Clinical Research Networks

Anticipated Award Date:
December 2013

- Clinical Data Research Networks (CDRNs), which are system-based networks (such as hospital systems) that have the potential to become an ideal electronic network, without structural impediments.
- Patient-Powered Research Networks (PPRNs), which are groups of patients interested in forming a research network and in participating in research.

Communication & Dissemination Research

- Compare approaches to providing comparative effectiveness research information, empower people to ask for and use this information, and support shared decision making between patients and providers.
- Program area supporting this priority area is currently under development

Characteristics of Projects that Will Receive PCORI Funding

- The studies address critical decisions that face patients, their caregivers, and clinicians.
 - The decisions lack key evidence.
- The studies address comparative benefits and harms of the options and provide information about outcomes that are important to patients.
 - The new knowledge can be used by decision makers.
- The studies include patients and other stakeholders on the research team.

PCORI Review Criteria

Criterion 1. Impact of the condition on health of individuals and populations

Criterion 2. Potential for improving care and outcomes

Criterion 3. Technical merit

Criterion 4. Patient-centeredness

Criterion 5. Patient and stakeholder engagement

Break Out Session: Getting to a Patient-Centered CER Question

- Pick a PCORI priority area of interest (marked on tables)
- You have 25 minutes to work together with your PCORI Staff Facilitator on the “CER Question Exercise”
- We’ll remind you in 25 minutes to rotate to another priority area

Answering Patients' Questions

Given my personal characteristics, conditions, and preferences...

“What should I expect will happen to me?”

“What are my options and what are the potential benefits and harms of those options?”

“What can I do to improve the outcomes that are most important to me?”

“How can clinicians and the care delivery systems they work in help me make the best decisions about my health and health care?”

Creating a PCOR Question

**Health
Question**

Am I taking the right blood pressure medication?



**CER
Question**

What are the side effects and benefits of different blood pressure medications?

My 81-year old mother has dementia. Should I place her in a nursing home?

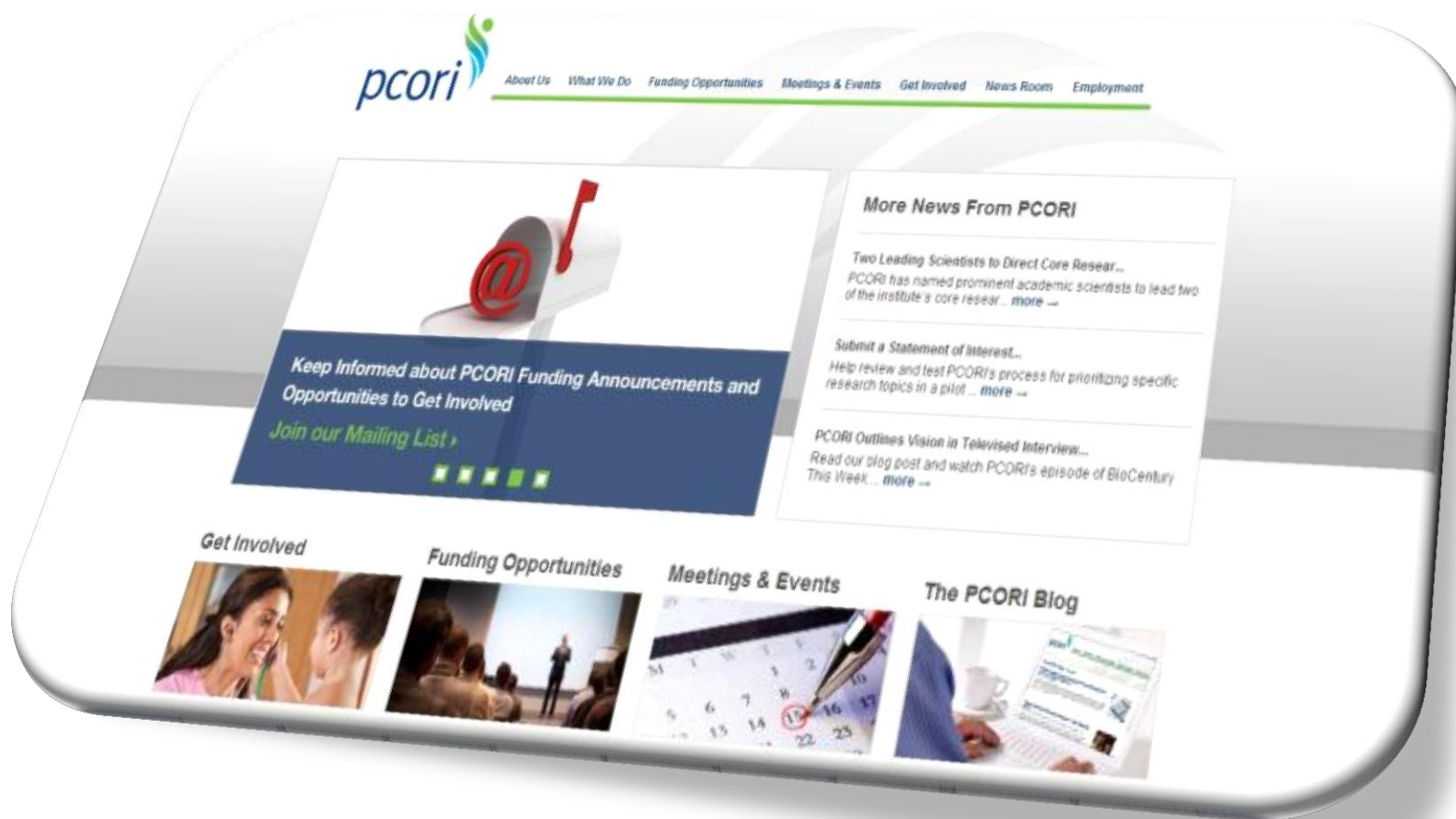


What are comparative benefits and risks of nursing home, assisted living, and home-based care for older adult patients with dementia?

Conclusions and Q&A

- Patient-centered outcomes research (PCOR) provides relevant information to help patients and providers choose among alternative clinical strategies.
- PCORI has multiple funding programs that focus on specific research priorities.

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Patient-Centered Outcomes Research Institute