



PCORI Update Genomic Medicine 5

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PCORI's National Priorities and Research Agenda

Assessment of Prevention, Diagnosis, Treatment Options

- Comparisons of alternative clinical options; identifying patient differences in response to therapy; studies of patient preferences for various outcomes

Improving Healthcare Systems

- Improving system support of patient self-management, coordination of care for complex conditions, access to care; comparing alternative strategies for workforce deployment.

Communication & Dissemination Research

- Understanding and enhancing shared decision-making; alternative strategies for dissemination of evidence; exploring opportunities to improve patient health literacy

Addressing Disparities

- Understanding differences in effectiveness across groups; understanding differences in preferences across groups; reducing disparities through use of findings from PCOR

Accelerating PCOR and Methodological Research

- Improving study designs and analytic methods of PCOR; building and improving clinical data networks

PCORI Funding – Approximate



* 20% each year goes to AHRQ/HHS

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Requirements of PCORI Applications

- Address a question relevant to choices faced by patients, clinicians; and consider patient-relevant outcomes
- Be comparative – i.e., compare the competing choices
- Assess for differences in treatment effectiveness across subgroups of study population
- Include relevant patients and other stakeholders on research team
- Discuss potential for dissemination and implementation
- NOT include cost-effectiveness analyses or treat costs of care as an outcome that is compared

Comparative Clinical Effectiveness Research – PCORI Style

- Addresses practical questions – especially those of interest to patients and providers – usually head-to-head comparisons
- Conducted in “typical” patients and “typical” care delivery settings
- Considers the full range of outcomes of interest to patients and clinicians
- Considers possible differences in treatment effectiveness in patient subgroups – what works for whom?
- May be RCTs or observational studies
- But NOT cost-effectiveness or cost comparison studies