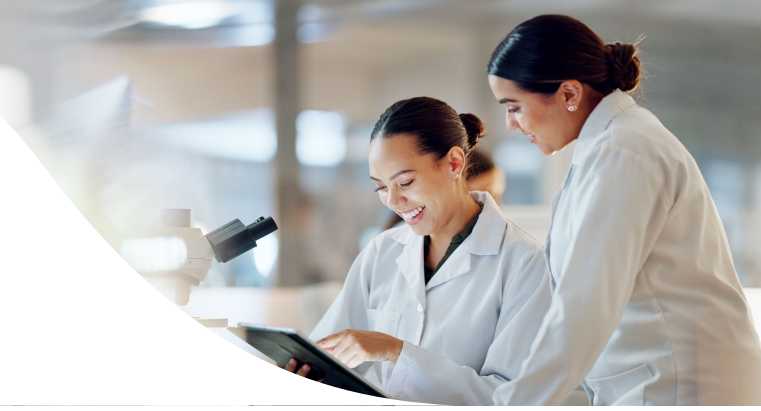


Health Research Accelerator



Translating Research into Real-World Impact

The Providence Health Research Accelerator (HRA) helps partners develop, evaluate and scale healthcare innovations in real-world clinical settings. Using real-world evidence methods, implementation science and outcomes research, HRA generates actionable insights that improve care delivery, patient experience and health equity.

What We Do

Real-World Evidence Research

Analyze clinical, operational, and patient-reported data to understand how care is delivered and where innovation can improve outcomes.

Implementation Research

Study how new technologies, workflows, and care models can be successfully integrated into real-world healthcare settings.

Outcomes Research

Measure clinical outcomes, disparities, and patient impact to identify what works and how to scale it effectively.

How we work

 Mixed-methods research

 EHR and real-world data analytics

 Surveys and qualitative inquiry

 Patient and provider engagement

 Community-based participatory research

 Multi-state health system implementation

Partner with HRA

The Health Research Accelerator partners with health systems, industry, researchers and community organizations to:

- Evaluate emerging technologies
- Generate real-world evidence
- Improve implementation success
- Advance equitable innovation
- Measure clinical and operational impact

“The most meaningful healthcare innovation happens when research is grounded in the realities of patients, providers and communities. Our goal is to generate evidence that not only advances science but can be implemented and scaled to improve care in the real world.”



Staci Wendt, Ph.D.

Director & Researcher, Providence Health Research Accelerator

Research in Action: Examples of HRA Research & Impact

Real-World Evidence Research

Improving Cardiovascular Medication Adherence

[MANUSCRIPT](#)

[PRESS RELEASE](#)

The Challenge

Many patients with cardiovascular disease do not consistently take prescribed lipid-lowering medications, increasing risk for serious cardiac events.

HRA Approach

HRA combined EHR data, patient surveys, provider surveys, and in-depth interviews across a seven-state health system to identify drivers of medication adherence.

Why It Matters

The study revealed that trust, communication, and positive healthcare experiences strongly influenced adherence — highlighting opportunities to improve care delivery and long-term outcomes.

Implementation Research

Evaluating AI Tools to Reduce Provider Burden

[MANUSCRIPT](#)

[PRESS RELEASE](#)

The Challenge

Healthcare providers spend significant time on clinical documentation, contributing to burnout and administrative burden.

HRA Approach

HRA conducted one of the nation's largest real-world evaluations of ambient AI documentation technology across more than 1,500 providers.

Why It Matters

The research demonstrated measurable reductions in documentation burden and improvements in provider efficiency, helping health systems better understand how to deploy AI tools at scale.

Advancing Equitable Cancer Screening

[MANUSCRIPT](#)

[PRESS RELEASE](#)

The Challenge

Emerging multi-cancer early detection (MCED) technologies may improve cancer screening, but barriers to adoption could widen existing health disparities.

HRA Approach

HRA facilitated focus groups with Alaska Native, Black, Latino and rural communities to identify barriers, concerns and communication needs related to MCED testing.

Why It Matters

Findings are helping to inform equitable implementation strategies for new cancer screening technologies before widespread adoption occurs.

Outcomes Research

Understanding Early-Onset Colorectal Cancer

[VIEW PROJECT](#)

[PRESS RELEASE](#)

The Challenge

Rates of colorectal cancer among younger adults continue to rise, yet drivers of disease remain poorly understood.

HRA Approach

HRA researchers analyzed one of the largest datasets of early-onset colorectal cancer cases reviewed to better understand demographic and clinical risk factors.

Why It Matters

The findings are helping to identify high-risk populations and inform future prevention and screening strategies.

Talk to Us

@ HRA@providence.org

Our team of experts can help:

- Fast-track transformational technologies by understanding how to embed new tools into care delivery.
- Help design and test new care models that scale into innovative new care and payment models.
- Use research to develop upstream solutions for wellness and equity to improve community health.