

# Examining Clinical Guidelines for the Adoption of Genomic Testing: A Workshop

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# Background and Context: The Roundtable adopted a new strategic plan in 2020.

- **Vision: Realizing the full potential of health for all through genomics and precision health**

The idea for this workshop began with the **Adoption** working group

## DRIVE **INNOVATION** IN GENOMICS AND PRECISION HEALTH

Identify the competing barriers and facilitators of innovation for genomics-based diagnostics, risk assessment tools, and therapies.

Leverage opportunities to learn from and promote innovative approaches that can accelerate commercialization and integration to drive impact of genomics on precision health.

## SPUR THE **ADOPTION** OF GENOMICS-BASED TOOLS AND PRECISION HEALTH APPROACHES

Cultivate evidence-based practices across the health care and public health systems for adopting genomics and precision health.

Draw attention to gaps in adoption and their root causes and highlight potential solutions.

## ACHIEVE **EQUITY** IN GENOMICS AND PRECISION HEALTH

Foster action related to underrepresentation and inequities in genomic research, workforce, and access to genomic services by people who need them.

Look internally to improve the processes and practices the Roundtable employs to achieve its mission.

## SHAPE THE **POLICY DIALOGUE** ABOUT GENOMICS AND PRECISION HEALTH

Accelerate the dissemination of actionable knowledge to shape practice and increase public awareness.

Inform and influence how decisions are made.

# Prior Discussions Prompting this Workshop

- Fall 2022 – Realizing the Potential of Genomics across the Continuum of Precision Health Care: A Workshop
  - Learned about how a lack of consistency across guidelines as well as a lack of guidelines can impact adoption of and coverage decisions for genomic testing.
- Spring 2023 – Learning Session on Clinical Practice Guideline Development
  - Highlighted confusion for possibly conflicting guidelines between societies.
  - Explored how guidelines are or could be better implemented into daily workflows for physicians.
  - Touched on the differences between guidelines and guidance.

# Planning Committee Members

**Mylynda Massart** (*co-chair*), UPMC Primary Care Precision Medicine Center, University of Pittsburgh

**Victoria (Vicky) Pratt** (*co-chair*), Representing Association for Molecular Pathology

**Trish Brown**, CVS Health

**Pranil Chandra**, PathGroup

**W. Gregory Feero**, Representing *Journal of the American Medical Association*

**Gabriel Lazarin**, Myriad Genetics

**Funda Meric-Bernstam**, MD Anderson Cancer Center

**Rebecca Morgan**, Case Western Reserve University

**Wanda Nicholson**, George Washington University Milken Institute School of Public Health

**Pim Suwannarat**, Mid-Atlantic Permanente Medical Group, Kaiser Permanente

# Goals of the Workshop

- Exploring the processes and methodologies used by different professional societies, organizations, and collaborations to gather evidence and develop clinical guidelines for appropriate genomic testing.
- Understanding how clinicians, payers, test developers, laboratory partners, and others decide which guideline(s) to follow and how they use these guidelines in practice.
- Examining elements that are consistent and those that differ across clinical guidelines for genomics and how these areas impact patients (e.g., access, coverage, and equity in care), clinicians, payers, test developers, laboratories, and others.
- Discussing opportunities for a possible path forward for more compatible clinical guidelines for genomics to improve patient care.

# Agenda



- Session I: Opening Remarks
- Session II: Why Guidelines Matter for Genomic Testing
- Session III: Guidelines for Genomic Testing Today
- Session IV: How Genomic Testing Guidelines Impact Payer Decisions
- Session V: Clinical Care Implementation of Guidelines for Genomic Testing
- Session VI: Guideline Development in a Rapidly Evolving Field – A Look Ahead
- Session VII: Final Reflections

# How to Engage with Us Today

## Asking Questions

**Please state your question succinctly in ~30 sec after stating your name and affiliation**

- **In-Person:** Speak into a microphone so those online can hear too
- **Remote:** Use the Slido box beneath the webcast to share your questions for the panelists

## Other

- Speaker bios can be found in the briefing book located on the workshop webpage on page 16.
- A survey will be shared with you after the workshop to collect your feedback, we appreciate you taking the time to fill it out.
- A proceedings—in brief will be published based on the day's discussions.

**Thank you for joining us!**