

Personalized Genomics Informed Medicine

GOALS FOR THIS MEETING

To consider the processes and resources needed:

- to collect potentially clinically relevant variants,
- decide whether they are actionable and what the action should be,
- to provide this information for clinical use.

Questions to Consider

- What criteria need to be met to consider a genetic variant (or pattern of genetic variants) clinically actionable?
- Do we have adequate data sets and accessible databases to provide the data on genetic variants and the evidence supporting clinical actionability?

More Questions to Consider

- What is necessary to integrate those datasets/evidence into EHR and into clinical use?
- How do we create a dynamic “loop” that recognizes the anticipated rapid increase in available evidence and upgrades clinical actionability recommendations?
- What decision support and physician education will be needed in the clinics?

Workshop topics

- Perspectives on Existing Genetic Variation Resources
- Current Approaches for Identifying Genetic Variants for Clinical Use
- Developing Consensus for Binning Variants for Clinical Use
- Creating a Translation Loop for Genomic Medicine
- Translating actionable variants into evidence-based practice