

Genomics in the Era of the Electronic Medical Record Continuing Medical Education Course

Physician Presenter

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Synopsis

Genomics continuously grows at an astounding rate promising major impacts to the ways physicians treat patients in the coming years. Physicians need the knowledge and tools to be able to utilize this valuable patient data. This session will focus on providing clinicians an improved understanding of Clinical and Molecular Genetics as it relates to clinical care, diagnostics, and testing methodologies. The role of pharmacogenomics in physician workflow will be reviewed along with how genomic data can be managed in the EHR to support clinicians in daily clinical practice.

Learning Objectives

- Apply clinical and laboratory genetics to patient care in both rare diseases as well as common conditions that have broader population health implications.
- Identify barriers and solutions to fully integrating personalized genomics with electronic health records to improve physician decision-making.
- Identify specific cases in which genetics laboratory result integration in the EHR improves cardiovascular, oncology, and chronic disease management as well as the potential future impact in other conditions, such as COVID19 care.

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