

Education & resources in genetics & personalized medicine

As genetics and personalized medicine become increasingly important in patient care, physicians need readily available resources to learn about the rapidly changing field and apply it to patient care.

Precision medicine for your practice

The AMA has partnered with Scripps Translational Science Institute and The Jackson Laboratory to develop Precision Medicine for Your Practice, a series of short (20–30 min), online educational modules covering specific topics in genomics and precision medicine, including expanded carrier screening, prenatal cell-free DNA screening, somatic cancer panel testing, cardiogenomics, neurogenomics and pharmacogenomics. The modules are being released throughout 2016 and 2017, and offer CME free of charge. Access the modules through the AMA EdHub.

The Genetics/Genomics Competency Center (G2C2)

Access this repository of genetics and genomics that is appropriate for physicians, genetic counselors, nurses, pharmacists and physician assistants. The educational materials are in various formats, including webinars, glossaries, fact sheets, guides and self-study activities, and many allow physicians to earn CME credit. Several genomics resources developed by the AMA are included in G2C2.

Genetics in Primary Care Institute (GPCI)

The GPCI provides health professionals with knowledge and skills in providing genetic-based services. It has resources for them to better understand the relevance of genetic medicine in primary medicine and their roles and the roles of others related to the provision of genetic medicine in primary care settings.

Cancer risk assessment and genetic testing

This free online educational program developed by The Jackson Laboratory helps health care providers improve their cancer risk assessment and prevention practice through targeted family history screening.

Core principles in family history

Providers can use these principles for standard data collection, interpretation and intervention as a guide.

GeneReviews

These expert-authored, peer-reviewed genetic disease descriptions provide clinically relevant and medically actionable information on the diagnosis, management and genetic counseling of patients and families with specific inherited conditions.

Information on genetic tests

Two resources, the Genetic Testing Registry and GeneTests, list information about specific genetic tests offered by clinical laboratories.