



## **ACMG Genomic Case Conferences – An ACMG Sponsored Enduring Activity**

### **Primary and Secondary Genomic Sequence Findings Applied to Patient Diagnosis and Care Hosted by Geisinger Health System**

**Date of Release: November 18, 2015**

**Expiration Date: November 18, 2017**

**Estimate Time of Completion: 1 hour**

#### *Overview*

During **The ACMG Genomics Case Conferences**, a team from select institutions will present and lead discussions on an intriguing, complex and/or difficult patient case in the area of genomics. The primary focus of these case conferences will be on the adaptation of exome or genome sequencing technology in clinical care. There are four overall learning objectives that will be covered in each session. As well there are specific learning objectives pertinent to the cases presented. At the conclusion of the session the learners will rate the session and whether each learning objective has been met.

#### *Target audience*

- a. Clinical geneticists; genetic counselors; pediatric, obstetric, and maternal-fetal specialists; and all medical practitioners who are providing comprehensive diagnostic, management, and counseling services for patients with, or at risk for, genetically influenced health problems.
- b. Laboratory directors and technicians who conduct genetic testing, researchers involved in the discovery of genetic disorders and treatments and any healthcare and public health professionals who have an interest in medical and clinical genetics and genomics.

#### *Learning objectives*

At the conclusion of the series, participants should be able to:

1. Describe the clinical utility of whole exome/whole genome sequencing tests
2. Identify clinical indications for whole exome/whole genome sequencing
3. List determinants used to assess the probability of a variant's pathogenicity
4. Elaborate on the importance of pre-test counseling and consent

#### *Session learning objectives*

At the conclusion of this session, participants should be able to:

1. Discuss the use of genome sequencing in diagnostic odysseys and clinical conundrums
2. Describe the potential value of secondary findings returned to biobank participants who underwent research exome sequencing

## *Content Validation*

ACMG follows the ACCME policy on Content Validation for CME activities, which requires:

## *Content Validation and Fair Balance*

1. ACMG follows the ACCME policy on Content Validation for CME activities, which requires:
  - a) All recommendations involving clinical medicine must be based on evidence that is accepted within the profession of medicine as adequate justification for their indications and contraindications in the care of patients.
  - b) All scientific research referred to, reported or used in CME in support or justification of patient care recommendations must conform to the generally accepted standards of experimental design, data collection and analysis.
2. Activities that fall outside the definition of CME/CE; “Educational activities that serve to maintain, develop, or increase the knowledge, skills, and professional performance and relationships that a physician uses to provide services for patients, the public, or the profession” (source: ACCME and AMA) will not be certified for credit. CME activities that promote recommendations, treatment, or manners of practicing medicine or pharmacy that are not within the definition of CME/CE or, are known to have risks or dangers that outweigh the benefits or, are known to be ineffective in the treatment of patients.
3. Presentations and CME/CE activity materials must give a balanced view of therapeutic options; use of generic names will contribute to this impartiality. If the CME/CE educational materials or content includes trade names, where available, trade names from several companies must be used.

## **Accreditation:**

The American College of Medical Genetics and Genomics is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

## **Credit Designation:**

The American College of Medical Genetics and Genomics designates this enduring event for a maximum of 1 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## **Genetic Counselor CEUs:**

*This event has been submitted to the National Society of Genetic Counselors (NSGC) for approval of Category 1 CEUs. The American Board of Genetic Counseling (ABGC) accepts CEUs approved by NSGC for purposes of recertification.*

## **Disclosure Statement:**

In accordance with the Accreditation Council for Continuing Medical Education (ACCME) and the policy of the American College of Medical Genetics and Genomics (ACMG), speakers and moderators presenting in sessions that offer CME and CEU credit must disclose, prior to the start of their presentations, the existence of any financial interest and/or other relationship(s) they might have with the manufacturer(s) or provider(s) of any commercial product(s) or service(s), including diagnostic laboratories to be discussed during their presentation. All disclosures have been peer reviewed by the CME Subcommittee.

## **Faculty and Financial Disclosures:**

### *Planning Committee*

Monica Giovanni, MS, CGC  
Geisinger Health System, Brookline, MA  
Nothing to disclose

Susan Klugman, MD, FACMG  
Montefiore Medical Center, Bronx, NY  
Nothing to disclose

Amy Roberts, MD, FACMG  
Children's Hospital of Boston, Boston, MA  
Nothing to disclose

Christian Schaaf, MD, PhD, FACMG  
Baylor College of Medicine and Jan & Dan Duncan Neurological Research Institute, Houston, TX  
Nothing to disclose

### *Staff American College of Medical Genetics and Genomics*

Jane Radford, MHA, CHCP  
Nothing to disclose

Michael Watson, PhD, FACMG  
Nothing to disclose

### *Faculty - Geisinger Health System*

- Marci Barr, MS, LGC – Nothing to disclose
- Michael Murray, MD, FACMG – Nothing to disclose
- Marc Williams, MD, FAAP, FACMG – Nothing to disclose
- Christa Lese Martin, PhD, FACMG –  
Grant/Research Support – NIH, Simons Foundation  
Salary/Employment/Royalty(ies)/Honoraria – Geisinger Health System and ACMG Board Review Course Faculty  
Non-remunerative positions of influence – ACMG Board of Directors and Misericordia University
- Jessica Goehringer, MS, LGC – Nothing to disclose
- Thomas Challman, MD, FAAP – Nothing to disclose
- Scott M. Myers, MD, FAAP – Nothing to disclose

## **HIPAA Compliance by Speakers and Presenters**

The ACMG supports medical information privacy. While the ACMG is not a “covered entity” under HIPAA 1996 and therefore is not required to meet these standards, ACMG wishes to take reasonable steps to ensure that the presentation of individually identifiable health information at ACMG-sponsored events has been properly authorized. All presenters have completed a form indicating whether they intend to present any form of individually identifiable healthcare information. If so, they were asked either to attest that a HIPAA-compliant consent form is on file at their institution, or to send ACMG a copy of the ACMG HIPAA compliance form. This information is on record at the ACMG Administrative Office and will be made available upon request.

**Disclaimer:** *ACMG educational programs are designed primarily as an educational tool for health care providers who wish to increase their understanding of the application of genomic technologies to patient care. The ACMG does not*

*endorse, or recommend the use of this educational program to make patient diagnoses, particular by individuals not trained in medical genetics. Adherence to the information provided in these programs does not necessarily ensure a successful diagnostic outcome. The program should not be considered inclusive of all proper procedures and tests or exclusive of other procedures and tests that are reasonably directed at obtaining the same results. In determining the propriety of any specific procedure or test, a healthcare provider should apply his or her own professional judgment to the specific clinical circumstances presented by the individual patient or specimen.*

### **Technical Requirements (Browser, OS, Internet Connection, screen resolution, other)**

JavaScript and Cookies Check  
Your browser supports JavaScript  
Your Browser is: Chrome  
Your browser accepts cookies  
Adobe Acrobat Reader

### **Registration and Educational Credits**

ACMG Members and ACMG Trainees free  
ACMG Member with educational credits (\$15)  
Non-members (\$30)  
Non-members with educational credits (\$55)

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7220 Wisconsin Avenue, Suite 300 | Bethesda, MD 20814

Telephone: 301-718-9603 | Fax: 301-718-9604 | E-mail: [education@acmg.net](mailto:education@acmg.net) | Website: [www.acmg.net/education](http://www.acmg.net/education)

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