The Clinical Utility of Next Generation Sequencing: Experience and Case Study

Fei Yang MD, MS
Fellow, Clinical Molecular Genetics
Knight Diagnostic Laboratories
Department of Molecular and Medical Genetics
Oregon Health & Science University

Educational Objectives
At the conclusion of this activity, the learner should better be able to:
1. To demonstrate through case studies the breadth of clinical applications of NGS as a cost-effective and efficient tool
2. To highlight the difficulties and limitations of NGS within the clinical context
3. To analyze the perspectives on the benefits of NGS in and beyond the clinic

University Health Services Professional Education Programs (UHS-PEP) of VCU Health System is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. UHS-PEP designates this live activity a maximum of 1 AMA PRA Category 1 Credit™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

VCU Pathology and University Health Services Professional Education Programs (UHS-PEP) of VCU Health System indicate that there is no commercial support for this activity.

In compliance with the Accreditation Council for Continuing Medical Education (ACCME) Standards for Commercial Support of CME, University Health Services Professional Education Programs (UHS-PEP) of VCU Health System discloses all relevant relationships which program faculty and planners report having with commercial interests whose products or services they may discuss during their presentation, or that they may select as topics for presentation.

The speaker for today has no relevant relationships to disclose/has the following relevant relationships to disclose:

- Speaker’s name (and disclosures if applicable)

The members of the planning committee and/or UHS-PEP staff have no relevant relationships to disclose/have the following relevant relationships to disclose:

- Planning committee members (and disclosures if applicable)

In compliance with the ACCME Standards, all relationships reported above have been resolved according to VCU’s Policy on Conflict of Interest. All presenting faculty affirm that they will employ the best available evidence from all sources to support any clinical recommendations made in their presentations. If learners detect any commercial bias in any presentation, they should document their observations on the Activity Evaluation Form.

Virginia Commonwealth University is an equal opportunity/affirmative action institution providing access to education and employment without regard to age, race, color, national origin, gender, religion, sexual orientation, veteran’s status, political affiliation or disability. If special accommodations are needed, please contact Raquel Evans @ (804) 828-9746.