

Medical Genetics for Internal Medicine ENDURING PROGRAM

*12.0 ACCME Credits

Day 1

Introduction

Ali Gharavi MD, Jay Meltzer MD Professor of Medicine

Keynote: Genetics & Internal Medicine: Current Practice & Future Utility

David B. Beck MD, PhD, *Clinical Genetics Fellow*

Medical Genetics & Genomics Residency Program, National Institutes of Health

Fundamentals of Genetic Medicine

Red Flags of Genetic Diseases

Jai Radhakrishnan MD, MS, *Professor of Medicine*

Kelsie Bogyo MS, CGC, *Lecturer in Genetic Counseling*

Workshop #1: Collecting Family Information

Hila Milo Rasouly PhD, MScGC, *Associate Research Scientist*

Kelsie Bogyo MS, CGC, *Lecturer in Genetic Counseling*

Natalie Vena MS, CGC, *Lecturer in Genetic Counseling*

How to Choose a Genetic Testing Methodology

Priyanka Ahimaz CGC, *Assistant Professor of Genetic Counseling*

Workshop #2: Choosing a Genetic Test

Hila Milo Rasouly PhD, MScGC, *Associate Research Scientist*

Kelsie Bogyo MS, CGC, *Lecturer in Genetic Counseling*

Natalie Vena MS, CGC, *Lecturer in Genetic Counseling*

Ordering a Test

Who Pays for Genetic Testing?

Megan Soucy MS, CGC, *Lecturer in Genetic Counseling*

Navigating Genetic Testing Options

Natalie Vena, MS, CGC, *Lecturer in Genetic Counseling*

Workshop #3: How Physicians Can Facilitate Test Reimbursement?

Hila Milo Rasouly PhD, MScGC, *Associate Research Scientist*

Kelsie Bogyo MS, CGC, *Lecturer in Genetic Counseling*

Natalie Vena MS, CGC, *Lecturer in Genetic Counseling*

Deciphering a Clinical Genetic Result

Understanding a Clinical Genetic Result

Akemi Joy Tanaka PhD, *ABMGG Clinical Laboratory Genetics and Genomics Fellow*

Workshop #4: Navigating Genetic Test Results from Three Different Companies

Hila Milo Rasouly PhD, MScGC, *Associate Research Scientist*

Kelsie Bogyo MS, CGC, *Lecturer in Genetic Counseling*

Natalie Vena MS, CGC, *Lecturer in Genetic Counseling*



Physicians: Amedco LLC designates this live virtual activity for a maximum of 12.00 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity. **Genetic Counselors:** Learners must self-submit for Category 2 credits to the National Society of Genetic Counselors (NSGC).

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The Evolving Interpretation of Genetic Test Results

Anya Revah Politi MS, CGC, *Assistant Professor of Genetic Counseling*

Workshop #5: Variant re-classification

Hila Milo Rasouly PhD, MScGC, *Associate Research Scientist*

Kelsie Bogyo MS, CGC, *Lecturer in Genetic Counseling*

Natalie Vena MS, CGC, *Lecturer in Genetic Counseling*

Ethical, Legal & Social Implication of Genetics

Ethics of Cascade Screening

Michelle Ernst MS, CGC, *Assistant Professor of Genetic Counseling*

Genetics, Ethics & US Law

Maya Sabatello LLB, PhD, *Associate Professor of Clinical Bioethics*

Co-Director, Precision Medicine: Ethics, Politics, and Culture Project

Summary of Day 1

Day 2

Introduction

Ali Gharavi MD, *Jay Meltzer MD Professor of Nephrology and Hypertension*

An Introduction to Incidental, Secondary & Actionable Genetic Findings

Ali Gharavi MD, *Jay Meltzer MD Professor of Medicine*

Natalie Vena MS, CGC, *Lecturer in Genetic Counseling*

Carrier Screening: Views from Reproductive Medicine

Jessica L. Giordano MS, CGC, *Assistant Professor of Genetic Counseling (OBGYN)*

Workshop #1: Secondary and incidental findings

Hila Milo Rasouly PhD, MScGC, *Associate Research Scientist*

Kelsie Bogyo MS, CGC, *Lecturer in Genetic Counseling*

Natalie Vena MS, CGC, *Lecturer in Genetic Counseling*

Other Indications for Genetic Testing

Pharmacogenetic Testing

Vimla Aggarwal MBBS, FACMG, *Assistant Professor of Medicine*

Genetic Risk for Common Disorders

Krzysztof Kiryluk MD, MS, *Associate Professor of Medicine*

Workshop #2: Predictive Genetic Testing

Hila Milo Rasouly PhD, MScGC, *Associate Research Scientist*

Kelsie Bogyo MS, CGC, *Lecturer in Genetic Counseling*

Natalie Vena MS, CGC, *Lecturer in Genetic Counseling*

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Genetic Testing for the General Population

Direct-to-Consumer Genetic Testing (Understand It Before You Order It)

Jill Goldman MS, MPhil, CGC, *Professor of Genetic Counseling in Neurology*

OVERVIEW OF GENETIC DISORDERS BY SUB-SPECIALTIES

Genetics of Lung Disorders

Overview of Lung Genetic Disorders

Kelsie Bogyo MS, CGC, *Lecturer in Genetic Counseling*

Genetic Testing: Experiences from the Perspective of a Pulmonologist

Christine Garcia MD, PhD, *Frode-Jensen Professor of Medicine*

Associate Director of the Division of Pulmonary, Allergy and Critical Care Medicine

Genetics of Hereditary Cancer

Genetic Counseling & Testing for Cancer Susceptibility: Who & Why to Test & When to Refer

Elana Levinson MS, MPH, CGC, *Assistant Professor of Genetic Counseling (in Medicine)*

Management of Hereditary Breast & Ovarian Cancer Syndromes: Experiences from the Perspective of an Oncologist

Katherine D. Crew MD, MS, *Associate Professor of Medicine and Epidemiology*

Genetics of Cardiovascular Diseases

Adult Cardiogenetics at CUIMC

Isha Kalia MS, MPH, CGC, *Genetic Counselor*

Experiences from the Perspective of a Cardiologist

Farhana Latif MD, *Assistant Professor of Medicine, Associate Director of Heart Transplant* & Isha Kalia MS, MPH, CGC

Kidney Genetic Disorders

The Genetics of Kidney Disease & Disorders

Natalie Vena, MS, CGC, *Lecturer in Genetic Counseling*

Clinical Features of a Hereditary Nephropathy: Two Case Studies

Jordan G. Nestor MD, *Instructor of Medicine*

Hepatology & Gastrointestinal Disorders

Overview of Liver Genetic Disorders

Kelsie Bogyo MS, CGC, *Lecturer in Genetic Counseling*

Experiences from a Transplant Hepatologist's Perspective

Julia Wattacheril MD, MPH, *Associate Professor of Medicine; Director, Nonalcoholic Fatty Liver Disease Program*

Keynote: Prenatal Screening for Genetic Disease: A Model for Introducing Genetic Testing into Non Genetic Practice

Ronald Wapner MD, *Professor of Obstetrics and Gynecology*

Closing Remarks

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