



American Board of Family Medicine (ABFM) Medical Genomics Module

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Objectives

- Participants will gain an understanding of the ABFM development process for Maintenance of Certification for Family Physicians (MC-FP) part II modules
- Participants will gain familiarity with the ABFM Medical Genomics Self-assessment module content



Overview of MC-FP

- ABFM has engaged in MC-FP process since 2004.
- Implementation of the Maintenance of Certification policy adopted by American Board of Medical Specialties in 2000
- Four parts:
 - Professionalism, part I
 - Life-long learning, part II
 - Cognitive expertise, part III
 - Performance in Practice, part IV



Overview of MC-FP (cont'd)

- Part II, Lifelong learning
 - 150 CME credits in each 3 year cycle
 - ≥ 1 Self-assessment module (SAM) in each 3 year cycle
- SAM has 2 parts:
 - 60 item knowledge assessment (with references and critiques)
 - Clinical simulation that focuses on management of a virtual patient with the disorder presented in the knowledge assessment



SAM Development Process

- Constitute knowledge development team:
 - Content Experts (Sean David from Stanford, Tom Morgan from Vanderbilt)
 - Practicing family physicians (Leslie Brott, Louise Acheson)
 - PharmD with interest in Pharmacogenomics (Sam Johnson)
 - Staff (M. Hagen, G. Roussel medical informaticists)
 - Editors (R. Fain, E. Rammelmeier)



SAMs

- Items in the knowledge assessment organized by “competencies”. For genomics:
 - Understanding genomic concepts and terminology
 - Interpretation of genomic testing and family history
 - Application of genomics to patient management
 - Public health and policy implications of genomics
 - Recognition and management of genetic disorders
 - Ethical, legal, and social implications



SAMs (cont'd)

- Understanding genomic concepts and terminology
 - 15 items
- Interpretation of genomic testing and family history
 - 22 items
- Application of genomics to patient management
 - 15 items
- Public health and policy implications of genomics
 - 8 items
- Recognition and management of genetic disorders
 - 8 items
- Ethical, legal, and social implications
 - 8 items



SAMs (cont'd)

- Simulation will focus on scenario presented in:
 - Feero WG, Guttmacher AE, Collins FS. Genomic medicine: An updated primer. NEJM 2010;362:2001-11.
 - 40 year old mother of three who has suspicious lesion found on mammogram, surgery reveals a cancer; raises issues of BRCA1, BRCA2, genetic profiling of tumor, decision making



Timeline

- First meeting of Knowledge team in February
- Items to be done by August, simulation later in fall
- Editorial review late fall
- Face-face to review all in December
- Probable deployment first quarter 2015