Center for Individualized Medicine Online Learning

Genomics and Oncology: Nursing Practice

Activity Description
Genomic medicine is an integral component of oncology care from risk assessment and prevention through diagnosis and treatment. Physicians, nurses, and healthcare professionals will benefit from understanding key genomic concepts and how they relate to oncology. This module provides nurses and other members of the health care team an overview of genomics, applications to cancer, and valuable resources.

Target Audience
This activity is appropriate for nurses, nurse practitioners, physicians, pharmacists, physician assistants, resident/fellows and other health care team members.

Learning Objectives*
Upon conclusion of this activity, participants should be able to:

- Define foundational genomic concepts and terminology
- Differentiate between germline and somatic genetic testing
- Describe how a person’s genomic profile may impact cancer risk assessment, prevention and treatment strategies
- Identify at least three genomic education resources

Attendance at this Mayo Clinic course does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course.

Accreditation Statement
In support of improving patient care, Mayo Clinic College of Medicine and Science is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC) to provide continuing education for the healthcare team.

Credit Statement(s)

AMA
The Mayo Clinic College of Medicine and Science designates this enduring material for a maximum of 1.00 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ANCC
Mayo Clinic College of Medicine and Science designates this enduring material for a maximum of 1.00 ANCC contact hour. Nurses should claim only the credit commensurate with the extent of their participation in the activity.

Course Director
Timothy B. Curry, M.D., Ph.D.

Faculty
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Disclosure Summary
As a provider accredited by Joint Accreditation Interprofessional Continuing Education, Mayo Clinic College of
Medicine and Science must ensure balance, independence, objectivity and scientific rigor in its educational activities. Course Director(s), Planning Committee Members, Faculty, and all others who are in a position to control the content of this educational activity are required to disclose all relevant financial relationships with any commercial interest related to the subject matter of the educational activity. Safeguards against commercial bias have been put in place. Faculty also will disclose any off label and/or investigational use of pharmaceuticals or instruments discussed in their presentation. Disclosure of these relevant financial relationships will be published in activity materials so those participants in the activity may formulate their own judgments regarding the presentation.

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<thead>
<tr>
<th>Name</th>
<th>Nature of Relationship</th>
<th>Company</th>
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<tr>
<td>Timothy B. Curry, M.D., Ph.D.</td>
<td>Consultant</td>
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**No Financial relationship(s):**

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None

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**Prerequisites for Participation**

There are no prerequisites needed prior to participating in this education activity.

**How to Obtain Credit**

To obtain credit, complete the post-test, evaluation and submit.

**Method of Participation**

Participation in this activity consists of reviewing the internet-based content and completing the post-test and evaluation.

**Release and Expiration Dates**

- **Release Date:** September 1, 2020
- **Expiration Date:** August 31, 2023

**Acknowledgement of Commercial Support**

No commercial support was received in the production of this activity.

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