

# GENOMICS ROADMAP FOR NURSES

Follow these four steps to start your journey to gain genomic knowledge and apply your knowledge to practice.

## START HERE

1

### FOUNDATIONAL EDUCATION

#### LEARN BASIC GENOMIC CONCEPTS IN ONCOLOGY

The Genomic Foundations for Precision Oncology course delves into the fundamental concepts of genomics, biomarker application in practice, and the nurse's role in precision oncology.

#### ADDITIONAL EDUCATION

- [Genomic "Glad You Asked" video series](#)
- [Biomarker Testing: A Roadmap to Cancer Care Webinar](#)

2

### PRACTICE WHAT YOU LEARNED

#### APPLY LEARNING THROUGH CASE STUDIES

In the Genomics Case Study: Understanding the Essentials to Prepare for Tumor Board, nurses will prepare for a tumor board discussion that will determine whether their patient is a candidate for biomarker testing and eligible for biomarker-directed therapy.

#### ADDITIONAL CASE STUDIES

- [Genomics Case Study: Precision Medicine in the Setting of Metastatic NSCLS](#)
- [Do You Know How to Talk to Your Patients About At-Home Genetic Testing?](#)

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### INTEGRATE INTO PRACTICE

#### UNDERSTAND GENOMIC BIOMARKERS FOR CLINICAL INTEGRATION

The Next Generation Sequencing (NGS) Toolkit educates oncology nurses about NGS testing technology and also includes a sample report, glossary of terms, and patient education.

#### ADDITIONAL RESOURCES

- [Biomarker Testing Quick Guide](#)
- [Somatic Biomarker Testing Report Checklist](#)

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### CLINICAL DECISION SUPPORT

#### TRANSLATE GENOMIC INFORMATION TO PATIENTS

The ONS Biomarker Database is a clinical decision support tool that provides nurses with information about biomarkers associated with certain cancers, their implications for patient care, testing considerations, and more.

#### ADDITIONAL RESOURCES

- [Understanding Genetic Variants Discussion Tool](#)
- [Nursing Implications Based on Somatic Biomarker Testing Outcomes](#)