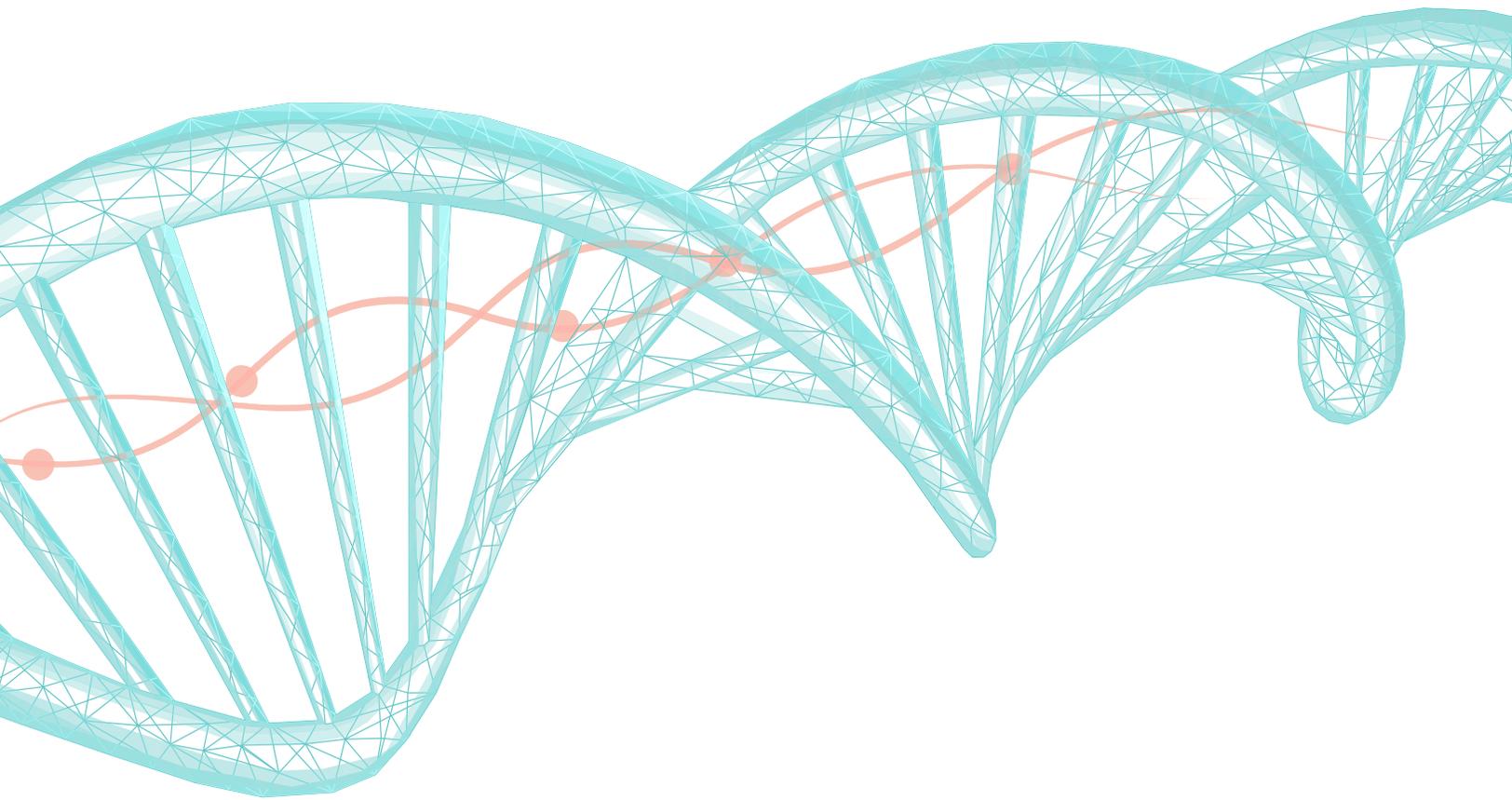


Biomarker

Education Resources



 FOUNDATION
MEDICINE®

Patient Advocacy
Summit 2023

Acknowledgements

This resource was compiled in partnership with leading patient advocacy partners who participated in Foundation Medicine's 2023 Patient Advocacy Summit. These organizations have tirelessly contributed to improving the lives of people impacted by cancer through education, support, advocacy and awareness building. We invite you to explore the resources contained within this document and share them as you see fit.

Thank you to our advocacy partners.



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Blood Cancer

Leukemia & Lymphoma Society

 **Video: Genomics and Biomarker Testing for Patients with Blood Cancer: A Primer for Healthcare Providers**

Video helps clinicians become familiar with foundational genomic information to take part in the integration of biomarker testing when treating patients with blood cancer.

Brain Tumor

National Brain Tumor Society

 **Article: Biomarker Testing**

Article answers key questions around genetic counseling, biomarker testing, clinical trials to help reinforce the importance of knowing the molecular makeup of tumor.

National Brain Tumor Society

 **Brain Tumor Glossary**

Glossary provides definition of biomarkers and biomarker-related terms.

National Brain Tumor Society

 **Video: Informed in 30 - Understanding Biomarker Testing**

Video series breaks down complex scientific concepts at the forefront of brain tumor research and treatment. Provides testing information from leading experts.

Breast Cancer

Living Beyond Breast Cancer

Unraveling the strand: Navigating genomic and genetic testing with your patients

Webinar for healthcare providers on genomic (tumor biomarker testing) and genetic testing for an inherited mutation.

SHARE Cancer Support

Article: Diagnosing Breast Cancer

Article about common tests, including biomarker testing, that can help doctors determine the best treatment.

Touch4Life

Black Women and Breast Cancer Testing

Fact sheet highlights the importance of genetic testing for Black women.

Cholangiocarcinoma

Cholangiocarcinoma Foundation

Educational Videos

Videos about targeted therapies, biomarkers, and immunotherapies and how they can play a role in treating cholangiocarcinoma.

Colorectal Cancer

Colorectal Cancer Alliance

Biomarkers and Colorectal Cancer

Fact sheet provides information on what a biomarker is, why testing is important and how it is performed.

Colorectal Cancer Alliance

Video: Biomarkers 101

Video introduces basics about biomarkers.

Colorectal Cancer Alliance

Biomarkers 101

Webpage explains why biomarker testing is important and how testing works.

Fight Colorectal Cancer

Biomarkers Brochure

Brochure outlines information about biomarker reports, why biomarkers are important to know for treatment options and why biomarker testing is so important.

Fight Colorectal Cancer

Biomarker Packet

Packet of information about colorectal cancer biomarkers and biomarker testing. Includes thorough explanation of what biomarkers are, an overview of the importance of biomarker testing, and information about biomarkers that are relevant to colorectal cancer patients.

General

ACS CAN

Cancer Biomarker Testing

Fact sheet highlights recent advancements in targeted cancer therapies. Includes data from ACS CAN Survivor Views surveys of cancer patients and survivors assessing barriers to biomarker testing.

Cancer Support Community

Frankly Speaking about Cancer: Precision Medicine

Booklet provides an overview of precision medicine, including questions to ask and what the answers may mean.

Cancer Support Community

Talking about Biomarker Testing

Worksheet outlines how patients can talk to their healthcare team about biomarker testing and decide if it's right for them.

Cancer Support Community

Video: Precision Medicine

Video series provides insight into precision medicine, targeted treatments, biomarkers, genes and mutations.

Cancer Support Community

Video: Ask Ruby: What is Biomarker Testing?

Video about how community navigator can help explain what patients need to know about biomarker testing and how it can impact cancer treatment.

General

CancerCare

Fact Sheet: Biomarkers and the Treatment of Cancer

Fact sheet provides an overview of biomarker testing and how the identification of biomarkers can inform cancer treatment.

CancerCare

My Family History

Template helps patients collect information about cancer within their family, which can be useful to their health care team. Can be used to record treatment types, biomarker testing results and any other relevant information.

CancerCare

My Cancer History

Document helps patients keep track of information about cancer diagnosis, treatment and post-treatment care plan to share with primary care provider, with family members or if treating healthcare team changes.

CancerCare

Questions to Ask Your Doctor Before Biomarker Testing

Worksheet to help guide a discussion about biomarker testing with doctor.

General

CancerCare

Fact Sheet: What People With Cancer Should Know About Biomarker Testing

Fact sheet provides basic information about cancer biomarkers, biomarker testing, and what people with cancer should know about the role that biomarkers can play in guiding treatment decisions.

CancerCare

Booklet: Understanding the Role of Biomarkers in Treating Cancer

Booklet series contains information on the role of biomarkers in treatment, types of biomarkers, treatment approaches and side effects, and tips for communicating with health team.

CancerCare

Videos: Biomarker Toolkit

Video library containing individual stories, presentations from oncologists, and helpful animated videos.

Friends of Cancer Research

Video: Fireside Chat

Fireside chat featuring FDA's Dr. Richard Pazdur, Merck's Dr. Eric Rubin, and the Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins' Dr. Elizabeth Jaffee discussing complex biomarkers, how science has evolved over time, and where it is going.

Patient Advocate Foundation

Getting the Right Test at the Right Time: A Cancer Patient's Guide to Biomarkers

Guide focused on the basics of cancer biomarkers along with tips on the practical aspects such as access.

General

Research Advocacy Network

Tutorial: Biomarkers in Cancer

Tutorial document that explains how biomarkers are utilized in cancer research

Research Advocacy Network

Biomarker Validation

Document reviews definition of biomarkers and discusses the components of validity. Includes examination of how biomarkers are validated, examples of cancer biomarkers in use today and information about situations where advocates might find this information useful.

Triage Cancer

Checklist to Understanding Biomarker Testing

Checklist helps patients understand biomarker testing, if it is appropriate and if insurance will cover some of the costs of testing, how to appeal denials of coverage, and how to access financial assistance, if needed.

Triage Cancer

Health Insurance State Laws: Biomarker Testing

Chart highlights the state laws related to health insurance coverage of biomarker testing, including states that require coverage and states with proposed legislation—chart is updated frequently.

Lung Cancer

Cancer Support Community

Frankly Speaking about Cancer: Targeted Therapy and Biomarker Testing for Lung Cancer

Booklet helps patients learn about targeted therapies.

GO2 for Lung Cancer

Non-Small Cell Lung Cancer and Biomarker Testing

Resource outlines the ways biomarker testing can help inform treatment path and where it fits in the diagnostic and treatment journey.

GO2 for Lung Cancer

Targeted Therapy for Lung Cancer: Patient and Caregiver Guide

Guide for patients and caregivers that details basics of targeted therapy in lung cancer, biomarker testing and target therapies that target specific biomarkers.

GO2 for Lung Cancer

LungMATCH

On-demand, concierge-style treatment navigation and clinical trial matching resource—navigators help clarify options, explain the results of comprehensive biomarker testing, and direct patients to appropriate trials.

Lung Cancer

GO2 for Lung Cancer

The Lung Cancer Living Room™ - The Importance of Biomarker Testing

Video featuring Jennifer King, PhD, Senior Director of Science & Research at GO2 Foundation, for a panel discussion on the importance of biomarkers with experts from the Winship Cancer Institute of Emory University.

GO2 for Lung Cancer

Comprehensive Biomarker Testing One Pager

One-pager provides an overview of biomarker testing and the common biomarker testing in lung cancer.

GO2 for Lung Cancer

Lung Cancer Living Room™ - Know Your Lung Cancer: New Biomarkers/ New Therapies

Video featuring Dr. Benjamin Levy, who discusses newly identified biomarkers in lung cancer and groundbreaking new targeted drugs being tested and approved for them.

Lung Cancer Foundation of America

What Do I need to Know about Biomarker Testing?

Webpage provides answers to common questions related to biomarker testing in lung cancer and features video conversations with experts in the field.

Lung Cancer

Lung Cancer Foundation of America

Video: What if I Don't Have a Biomarker?

Video helps patients learn if they have a biomarker and whether patients should consider a different biomarker test if the first test didn't show any biomarkers.

Lung Cancer Foundation of America

Video: Biomarker Testing, Genomic Testing, Genetic Mutation Testing- Are They All the Same?

Video helps patients learn what a biomarker test can tell doctor about treatment options, the difference between biomarker testing, genomic testing and genetic mutation testing, how to make sure the proper biomarker testing has been done, and if its possible to test tissue that was removed during a past biopsy.

Lung Cancer Foundation of America

Video: What is Biomarker Testing?

Video helps patients learn what a biomarker is, common lung cancer biomarkers, and which lung cancer patients be tested for biomarkers.

Lung Cancer Initiative

Biomarker Testing Card

Fact sheet about biomarker testing and why it matters.

Lung Cancer

Lung Cancer Initiative

Video: Lung Cancer Treatment and Biomarkers: Make it Personal

Video addresses biomarker testing approaches, PD-L1 inhibitors, current treatment paradigms and more.

Lung Cancer Research Foundation

Comprehensive Biomarker Testing for Lung Cancer: A Guide for Patients and Caregivers

Guide explains the process and importance of biomarker testing to help patients determine if they are eligible for targeted therapies.

Lung Cancer Research Foundation

Biomarker Testing: A Quick Guide

One-pager provides information on common questions including what biomarker testing is and how it can help plan treatment.

Lung Cancer Research Foundation

Video: #TogetherSeparately: Biomarker & Genomic Testing

Video featuring Dr. Carbone who discusses promise and successes of targeted therapies and immunotherapy and answers questions about mutations, available treatments and current studies that could be game-changers for lung cancer patients.

Lung Cancer

LUNGevity

No One Missed: A Caregiver's Guide

Guide provides information caregivers can use to understand comprehensive biomarker testing and how it is used to inform NSCLC treatment.

LUNGevity

No One Missed

Campaign that builds public awareness of comprehensive biomarker testing as a critical part of every non-small cell lung cancer (NSCLC) diagnosis and empowers NSCLC patients to discuss comprehensive biomarker testing with healthcare team.

LUNGevity

Important Things to Know Infographic

Document that shares 5 important things to know about lung cancer biomarker testing results report.

LUNGevity

Comprehensive biomarker testing: why it's important for lung cancer

Fact sheet outlines why biomarker status will help inform treatment decision making for non-small cell lung cancer (NSCLC).

Lung Cancer

LUNGeivity

Patient's Bill of Rights

Document outlines rights for patients with a non-small cell lung cancer diagnosis including the right to discuss comprehensive biomarker testing with healthcare team and the right to be involved in their treatment processes.

Upstage Lung Cancer

Article: Learn Everything You Can About Biomarkers. It could save your life or your loved one.

Article featuring patient, Hildy Grossman, who shares her experience with lung cancer and biomarker testing.

Upstage Lung Cancer

Podcast: Biomarkers Benefit Lung Cancer Resisters

Podcast featuring Hildy Grossman and Jordan Rich, who are joined by two lung cancer survivors to discuss their experiences with biomarker testing and what led them to the creation of the organization, EGFR Resisters.

Upstage Lung Cancer

Podcast: This Podcast Could Save Your Life

Podcast featuring lung cancer activist, Jill Feldman and Foundation Medicine's Jo Ellen Murphy to discuss the significance and purpose of biomarker testing.

Blood Cancer

Lymphoma Research Foundation

Video: Understanding Biomarker Testing

Video featuring Dr. Girish Venkataraman who shares how biomarker testing is used to diagnose and treat lymphoma patients with the right therapy at the right time.

Ovarian Cancer

National Ovarian Cancer Coalition

Video: Animation - Understanding Genetic Mutations and Biomarkers in Ovarian Cancer

Animation provides an overview of genetic mutations and biomarkers in ovarian cancer.

Prostate Cancer

ZERO Prostate Cancer

Prostate Cancer Biomarkers and Family History

Resource shares why it is important to have prostate-specific antigen testing done and the different types of tests that can be used to determine if a biopsy is needed.

ZERO Prostate Cancer

Genomic Testing & Biomarkers in Prostate Cancer

Information about genomic and biomarker testing in prostate cancer to help patients decide with their doctor which treatment is best.

ZERO Prostate Cancer

Video: Biomarkers & Personalized Medicine with Dr. Daniel Spratt

Video featuring Dr. Daniel Spratt discussing biomarkers and personalized medicine.

ZERO Prostate Cancer

Newly Diagnosed Prostate Cancer Guide

Guide provides easy-to-understand information on prostate cancer and a variety of support resources that may be helpful for patients and their families. Includes information on diagnosis, imaging, testing (genomic, genetic, biomarkers), treatment, side effects, and more.

National Alliance of State Prostate Cancer Coalitions

Video: Second-Generation Anti-Androgens: Managing Side Effects

Webinar about managing side effects of second-generation anti-androgens, led by Dr. Andrew Armstrong, a medical oncologist and internationally recognized expert in experimental therapeutics and biomarker development in genitourinary cancers.

Rare Cancer

TargetCancer Foundation

TRACK

Information about TCF-001 TRACK, a prospective clinical trial seeking to enroll 400 patients with rare cancers or cancer of unknown primary, which provides participating patients and their physicians with personalized, actionable information to potentially inform treatment. TRACK generates genomic data to improve understanding of rare cancers.

Skin Cancer

Melanoma Research Alliance

Article: How Biomarkers Are Used in Melanoma

Article provides insight from Dr. David Polsky of New York University, who explains ways to use biomarker testing in clinical practice.

Melanoma Research Alliance

Article: Biomarkers & Prognostic Testing

Article details next steps following a melanoma diagnosis and testing options which include biomarker testing and prognostic testing.

Melanoma Research Alliance

Article: Biomarkers: What They Are, Why They Matter, and Where They are Going

Article addresses the current challenges and barriers to biomarker testing and the ways to overcome these and move the field forward.