

A guide to understanding how genetic testing, such as BRAC*Analysis®*, can help determine if ovarian cancer runs in your family, and may help your family members to reduce their cancer risk.





BRAC*Analysis*® TESTING GIVES YOU THE POWER TO LET YOUR FAMILY MEMBERS KNOW IF THEY ARE AT RISK SO THAT THEY CAN TAKE STEPS TO REDUCE THE RISK OF BEING DIAGNOSED WITH OVARIAN, BREAST OR OTHER RELATED CANCERS.

WHAT IS GENETIC TESTING FOR HEREDITARY CANCER?

Genetic testing, such as BRAC*Analysis* testing, uses a simple blood or oral rinse sample that can tell you if you inherited a harmful change in a gene, called BRCA. People with this kind of gene change have hereditary breast and ovarian cancer (HBOC) syndrome and a higher-than-average risk for ovarian, breast and other related cancers.* Physician guidelines[†] recommend that any person with a personal or family history of ovarian cancer be tested for BRCA gene changes.

1in7

WHY SHOULD YOU CONSIDER BRAC*Analysis* TESTING?

Because 1 in 7 ovarian cancers are hereditary and due to a BRCA gene change (mutation).[‡]

WHAT ARE THE BENEFITS OF BRACAnalysis TESTING?

TO YOUR FAMILY



■ Empowers your family members with knowledge that they may be at risk for ovarian, breast and related cancers.

- May help family members to take steps to reduce their risk of future cancers.
- Assists family members' healthcare professionals in making informed decisions about their care.

TO YOU

- May help you and your doctor to minimize your risk for future diagnosis of hereditary breast cancer.
- Assists your healthcare professional in determining if you qualify for clinical trials.

REAL EXAMPLES OF HOW BRACAnalysis® TESTING HELPS FAMILIES



One study reported that nearly 90% of ovarian cancer patients would want to have BRCA gene testing to let their family members know if there is an inherited gene change responsible for their cancer. The following four women share their stories of why they got BRAC*Analysis* testing.



ESLIE: First in my family to be diagnosed with ovarian cancer.

I tested positive for a BRCA gene change.

How BRACAnalysis testing is helping my family: I am currently encouraging my family members to be tested, especially my son because he could pass the gene change to his children.



My daughters inherited a BRCA gene change from their father, whose grandmother had ovarian cancer.

My daughters tested positive for a BRCA gene change.

How BRACAnalysis testing is helping my family: My daughters have taken measures to beat cancer and reduce their risk and are healthy today.



HAWNA: My father's mother and aunt both had ovarian cancer.

I was 30 when I tested positive for a BRCA gene change and although I have never been diagnosed with cancer, my doctor helped me develop a plan to be checked more regularly.

How BRACAnalysis testing is helping my family: My daughters can have BRACAnalysis testing when they are older.



My great grandmother, grandmother, aunt and mother all had ovarian cancer.

I tested positive for a BRCA gene change and chose to have a preventive oophorectomy and mastectomy, although I have never been diagnosed with cancer.

How BRACAnalysis testing is helping my family: Multiple family members have been tested—two others have tested positive for a BRCA gene change.



HOW TO SHARE YOUR TEST RESULT WITH FAMILY MEMBERS:

- 1. Fill out the card, including your relationship to the family member you're giving it to, and provide a copy of your BRAC*Analysis* test result.
- **2.** Give them to each family member who may benefit from the test.
- **3.** Encourage them to show the card and your test result to their healthcare professional.

I HAVE A FAMILY MEMBER NAME WITH OVARIAN CANCER

Relationship: ___

Their BRACAnalysis® test result was:

■ POSITIVE

for a gene change (mutation)
Circle one or both: BRCA1 / BRCA2

■ INCONCLUSIVE

(Variant of Uncertain Significance)
Circle one or both: BRCA1 / BRCA2

■ NEGATIVE

Please note: The need for BRAC*Analysis* testing should be decided based on a complete family history. Some individuals may benefit from BRAC*Analysis* testing even though family members have a negative or inconclusive test result.

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FREQUENTLY ASKED PATIENT QUESTIONS

Q: What is the BRACAnalysis® testing process like?

A: A small blood or oral rinse sample is taken by your healthcare professional. This sample is then shipped directly to Myriad Genetic Laboratories. About two weeks later, your healthcare professional will be able to provide you with an explanation of your result, as well as a personalized care management plan for you based on that result.

Q: Who will arrange BRAC*Analysis* testing on my family members?

A: After you receive your test result, use the cards provided below to encourage your family members to speak with a healthcare professional about their risk. Their healthcare professional will help them determine if BRACAnalysis testing is right for them and arrange for testing, if needed.

Q: Will health insurance cover the cost of the test for me and my family?

A: Insurance coverage for genetic testing of at-risk patients is excellent, with the majority of patients covered for testing. Although each case is unique, the average patient pays co-insurance of less than 10% of the test price.§

Q: How will my history and results affect future health insurance coverage for me and my family?

A: Federal laws (HIPAA and GINA) and most state laws prohibit discrimination regarding employment eligibility, benefits or premiums based solely on genetic information. Additionally, it is Myriad's policy to only disclose test results to the ordering healthcare professional or designee, unless you consent otherwise.

- * HBOC is associated with a significant lifetime risk of breast and ovarian cancer. In addition, individuals with HBOC have a lower, but still significant risk of other related cancers including pancreatic, prostate and melanoma. For more information, please speak to your healthcare professional
- † National Comprehensive Cancer Network (NCCN)
- ‡ An estimated 2% of ovarian cancers are due to Lynch syndrome. Lynch syndrome is caused by a gene mutation in one of several genes known as mismatch repair genes. Other cancers associated with Lynch syndrome, in addition to ovarian cancer, include colon, endometrial, stomach, urinary tract, small bowel, billary tract, brain, sebaceous adenomas and carcinomas, and pancreas. If you have a family history of any of the above cancers, please speak with your healthcare professional for further information.
- § Test prices may be confirmed by calling Myriad Customer Service at 800-469-7423. Unmet deductibles are always the responsibility of the patient.

References

1. Lacour RA, et al. Gyn Onc. 2008;111:132-136.



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To the Healthcare Professional: The information on this card may mean that the patient who presented it is at risk for hereditary breast and ovarian cancer (HBOC) syndrome and should be considered for BRACAnalysis® testing.

For more information, please visit www.bracnow.com

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For more information on genetic testing and BRAC*Analysis* testing, as well as additional resources, please visit: www.bracnow.com/resources





