

HEREDITARY BREAST CANCER

What You Should Know



About 15% of people with breast cancer will have an inherited gene mutation that caused their cancer.



Genetic counseling and testing can tell you if you have an **inherited mutation**. Results of testing may make you eligible for certain types of treatment or clinical trials.



There are **many genes that have been associated with hereditary breast cancer**. Mutations in these genes can increase the risk for breast and other cancers. The risks vary by gene.

Genes associated with a very high risk for breast cancer include:

- BRCA1
- BRCA2
- CDH1
- PALB2
- PTEN
- STK11
- TP53

Genes associated with an intermediate risk for breast cancer include:

- ATM
- BARD1
- BRIP1
- CHEK2
- RAD51C
- RAD51D

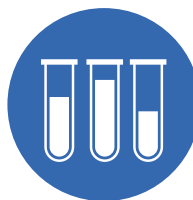
Genes associated with an increased risk for breast cancer in men include:

- BRCA1
- BRCA2
- CHEK2
- PALB2

*Each mutation has a varying level of risk



Results of genetic testing can help **you and your relatives learn about your risks for future cancers** and take steps to improve your health outcomes.



Experts also recommend that people with advanced breast cancer have **tumor testing to look for abnormalities** that may help guide cancer treatment.