

Do You Know Your Family History?

The best pathway to early diagnosis and effective treatment is open and honest communication with your doctor; this includes sharing your family history.

The BRCA Cancer Gene

What are BRCA Gene Mutations?

BRCA 1 and BRCA 2 are genes everyone has. In some people, these genes have changed or mutated. These mutations raise a person's risk for getting breast, ovarian, and other cancers.

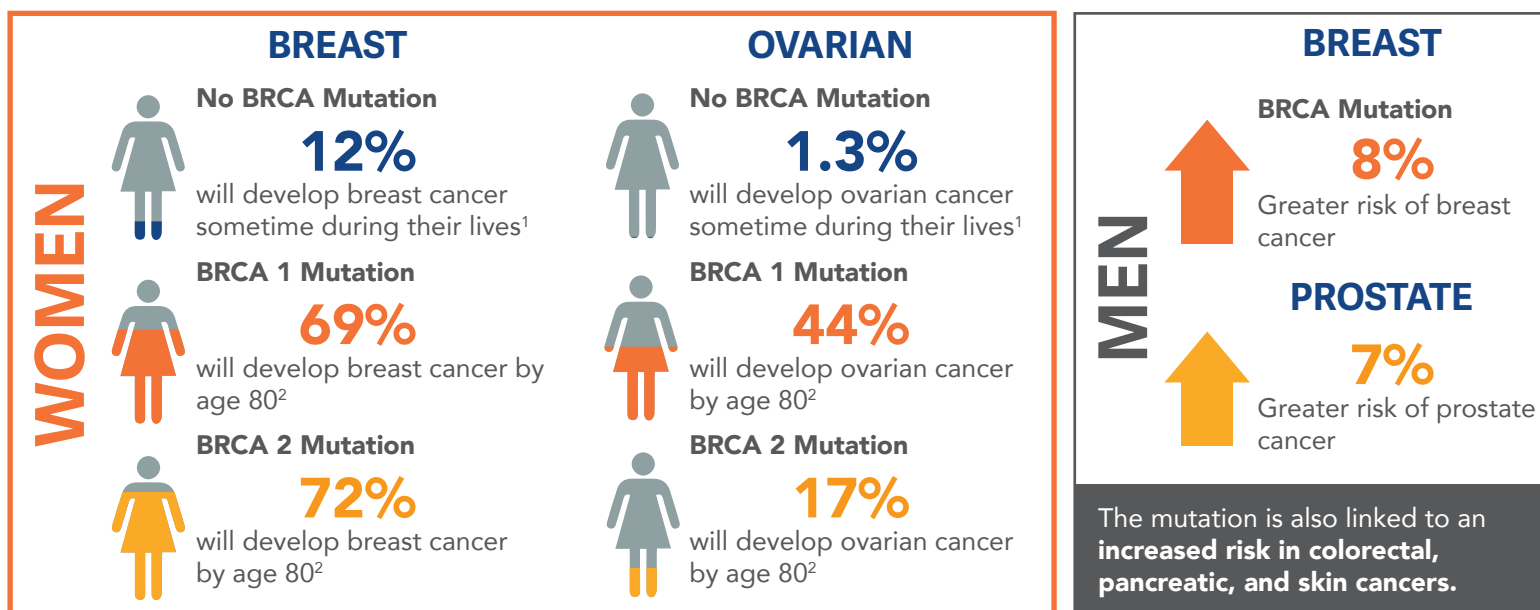
Those at greatest risk for having a mutation and who should consider genetic counseling, according to the Journal of the American Medical Association (JAMA):

If you have **2 or more** close relatives who have had breast cancer before age 50 or a male in the family who has had breast cancer.

If you have **2 relatives with ovarian cancer** or a female relative with both breast and ovarian cancers.

If you are of **Eastern European (Ashkenazi) Jewish ancestry**, your risk is **1 in 40** compared to the general population risk of **1 in 400**.

WHAT DOES IT MEAN FOR YOU?



¹Howlander N, Noone AM, Krapcho M, et al. (eds). SEER Cancer Statistics Review, 1975-2014, National Cancer Institute. Bethesda, MD, https://seer.cancer.gov/csr/1975_2014/, based on November 2016 SEER data submission, posted to the SEER web site, April 2017.

²Kuchenbaecker KB, Hopper JL, Barnes DR, et al. Risks of breast, ovarian, and contralateral breast cancer for BRCA1 and BRCA2 mutation carriers. JAMA 2017; 317(23):2402-2416. [PubMed Abstract]