

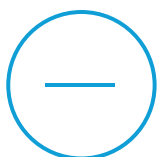
Understanding Your BC Cancer Genetic Test Report

Information about genetic testing

Genetic testing looks for inherited changes (variants) in genes. Some of these changes can increase the chance of getting certain cancers. These are called **pathogenic variants**. Your results may help guide cancer screening, treatment, or ways to lower cancer risk for you and sometimes your family.

What your test result means

There are three possible genetic test results. Your test report will give more information on which result applies to you.



Negative Result

No pathogenic variants were found in the genes tested.

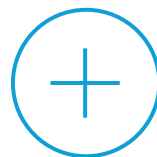
- This lowers the chance for hereditary cancer
- You and your family should still get cancer screening based on your personal and/or family history of cancer



Variant of Uncertain Significance (VUS)

A genetic change was found, but we do not know what it means yet.

- VUS results **do not change medical care**
- Most VUS results are later found to be benign (do not increase cancer risk)
- You will be contacted if new information about the VUS becomes available that changes your medical care



Positive Result – Pathogenic / Likely Pathogenic Variant

A genetic change was found that increases cancer risk. This information may:

- Help guide your medical care (e.g. cancer screening, prevention or treatment)
- Give your relatives helpful information about their own cancer risks

What happens next

- **If you were already referred to the BC Cancer Hereditary Cancer Program:** You will receive a phone call to book a results appointment. A genetic counsellor will review your result with you and what it means for you and your family.
- **If your testing was ordered by your health care provider or oncologist:** They will review your result with you. If the result is positive, you will be automatically referred to the Hereditary Cancer Program for genetic counselling.

Important points to remember

- Genetic test results are one part of your overall care
- Even with a negative test result, additional cancer screening may be recommended based on your family history of cancer
- Your genetic information is private and [protected by law](#). Your results may be used to help guide your family member's medical care in the future.

Questions?

Write down your questions. You can bring them to your next appointment or contact your healthcare provider or genetic counsellor directly. More information is available on the **BC Cancer Hereditary Cancer Program** website:

<https://www.bccancer.bc.ca/our-services/services/hereditary-cancer>