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## Receiving a BRCA1 and BRCA2 test result that identifies an alteration

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### Information sheet for patients with cancer

You had a *BRCA1* and *BRCA2* gene test because of your diagnosis of cancer.

**The test result has shown that you have a pathogenic variant (alteration) in either the *BRCA1* or *BRCA2* gene. This was found in your cancer sample as well as your blood sample.**

*BRCA1* or *BRCA2* alterations result in increased risks of breast, ovarian and prostate cancer, and occasionally other cancers. Therefore, this result provides an explanation for why you developed cancer.

This result has implications for your future health and potentially for your relatives. A referral has been made for you to the Clinical Genetics team discuss these issues further.

At your Genetics appointment you will be able discuss your future risks of cancer and your options for cancer screening and measures to reduce the risk of cancer. The potential implications for relatives will also be discussed. The processes by which your relatives can be referred themselves to decide if they wish to have testing will be explained.

If you have not heard from the Genetics team with an appointment date in the next 4 weeks, please contact them on 0117 342 5107 to check the progress of your referral.

Your cancer team will discuss with you if this result has implications for your cancer treatment and/or follow-up.

If you have any further questions in relation to your ongoing cancer treatment, please contact your cancer team on [\[local contact details\]](#).