R208 Genetic Panel- Inherited Breast Cancertest: pathogenic variant test result

You had an R208 gene panel test that looked at genes that can cause hereditary breast cancer.

**The test result has shown that you have a harmful change (‘pathogenic variant’) in one of the breast cancer genes in your blood sample.**

What does this result mean for me?

This means we have found an alteration in one of the *BRCA1, BRCA2, PALB2, ATM, CHEK2, RAD51C* or *RAD51D* genes which is the likely cause of your cancer. Please see your genetic report for details on exactly which harmful change was identified.

A change in one of these genes puts you at higher risk of breast, ovarian and prostate cancers and sometimes, other cancers. Your cancer team will discuss the impact of this result on your treatment plan and your future options. They will now refer you to the Clinical Genetics team to discuss these results in more detail.

At your Genetics appointment, the team will talk to you about your personal future risk of cancer, your options for screening and risk reducing options available to you.

What does this result mean for my relatives?

This result may affect your relatives, as it means they may share the genetic change with you. At your appointment with the Genetics Team, they will explain how your relatives can access predictive testing if they wish to. This contact can be made with or without your involvement.

If you have not heard from the Genetics team with an appointment date within the next [\*\*] weeks, please contact them on [\*\*\*\*\*\*\*\*\*\*\*\*\*] to check the progress of your referral.

You may like to look at: [local patient information leaflet/preferred support website].

If you have any further questions, please contact your cancer team.

Department: TEMPLATE

Review due: TEMPLATE