

Receiving a genetic test result that identifies a harmful variant in a breast cancer gene (R2o8)

You had a genetic test to look at seven genes that can cause hereditary breast cancer: BRCA1, BRCA2, PALB2, ATM, CHEK2, RAD51C and RAD51D.

A harmful variant was detected in one of the genes.

The exact details of the gene and the variant are in your genetic test report.

What does this result mean for me?

The result gives us information about why you developed breast cancer and about your risks of developing a new breast cancer and other cancers in the future. An appointment has been made for you in the genetics clinic to discuss these issues further. At the appointment you will be able to discuss your future risks of cancer, your options for cancer screening and measures to reduce the risk of cancer.

The information may also help your breast cancer team advise you on the best drugs and surgery to treat your current cancer. They will have access to the report through your digital health record.

What does this result mean for my relatives?

This result also has implications for your relatives. At your genetics appointment we will explain how your family can arrange to be referred for genetic advice and testing.

Good to know

If you need to discuss anything urgently prior to your appointment, or wish to alter the date of your appointment, please contact The Royal Marsden Cancer Genetics Unit on 0208 661 3375.

There is some information about these genes in The Royal Marsden Patient Information library – www.patientinfolibrary.royalmarsden.nhs.uk/ and also on the Cancer Genetics Group website www.ukcgg.org/information-education/ukcgg-leaflets-and-guidelines/

