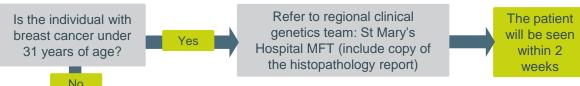
iagnostic MDN

Surgical clinic



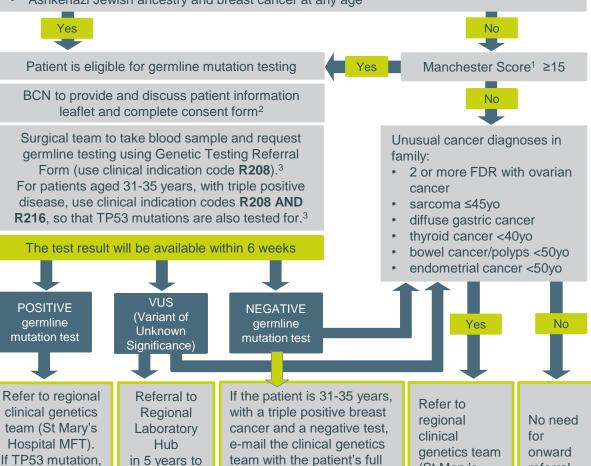


Protocol for Genomic Testing of Patients with a Diagnosis of Breast Cancer



Does the individual with breast cancer (including high grade DCIS) meet one of the following criteria?

- Breast cancer <40 years, OR
- HER2 positive breast cancer, age 31-35 years, OR
- Bilateral breast cancer, both < 50 years, OR
- Triple negative breast cancer < 60 years, OR
- Male breast cancer at any age, OR
- High grade non-mucinous ovarian cancer at any age, OR
- Breast cancer <45 years and a first degree relative (FDR) with breast cancer < 45 years, OR
- Ashkenazi Jewish ancestry and breast cancer at any age



(St Mary's

Hospital MFT)

referral

See Manchester Score document guidance on calculation, See Patient Information and Consent Form, See Genetic Test Referral Form and FAQs for further instructions, ⁴See FAQs for further information about 5 year VUS review referral and TP53 testing

further advice4

cancer family history for

allow review

of VUS⁴

do **not** start

radiotherapy





Protocol for Genomic Testing of Patients with a Diagnosis of Breast Cancer: Supporting Notes

Ensuring your referral is appropriate and can be processed by the regional Genomic Laboratory Hub:

- Local breast services can only request germline mutation blood tests for
 patients with breast cancer. Individuals with no personal history of breast
 cancer must not be tested via this pathway and must proceed through the
 standard family history pathway.
- Please follow the algorithm and do not request a germline mutation blood test for patients who do not meet the eligibility criteria.
- If a patient has an unusual family history of cancer, please contact the regional clinical genetics team at St Mary's Hospital (MFT) for advice.
- Do not request a germline mutation blood test for patients who do not meet the eligibility criteria.
- Please ensure the request form is completed legibly. It is particularly important to add a legible e-mail address, so the regional Genomic Laboratory Hub can make timely contact, once the patient's germline mutation test results are available.

Please access the resources that have been produced to support this algorithm:

- Please read the Greater Manchester Cancer Breast Cancer Genetic
 Testing FAQ document for further advice and guidance about germline
 mutation testing. This document provides useful information about
 germline mutation testing that will ensure you are meeting the national
 quidelines and are using this pathway correctly.
- The Greater Manchester consent form, FAOs document, Manchester Score guidance and information videos can be found on the Greater Manchester Cancer website:
- Genetic Testing Greater Manchester Cancer (gmcancer.org.uk)