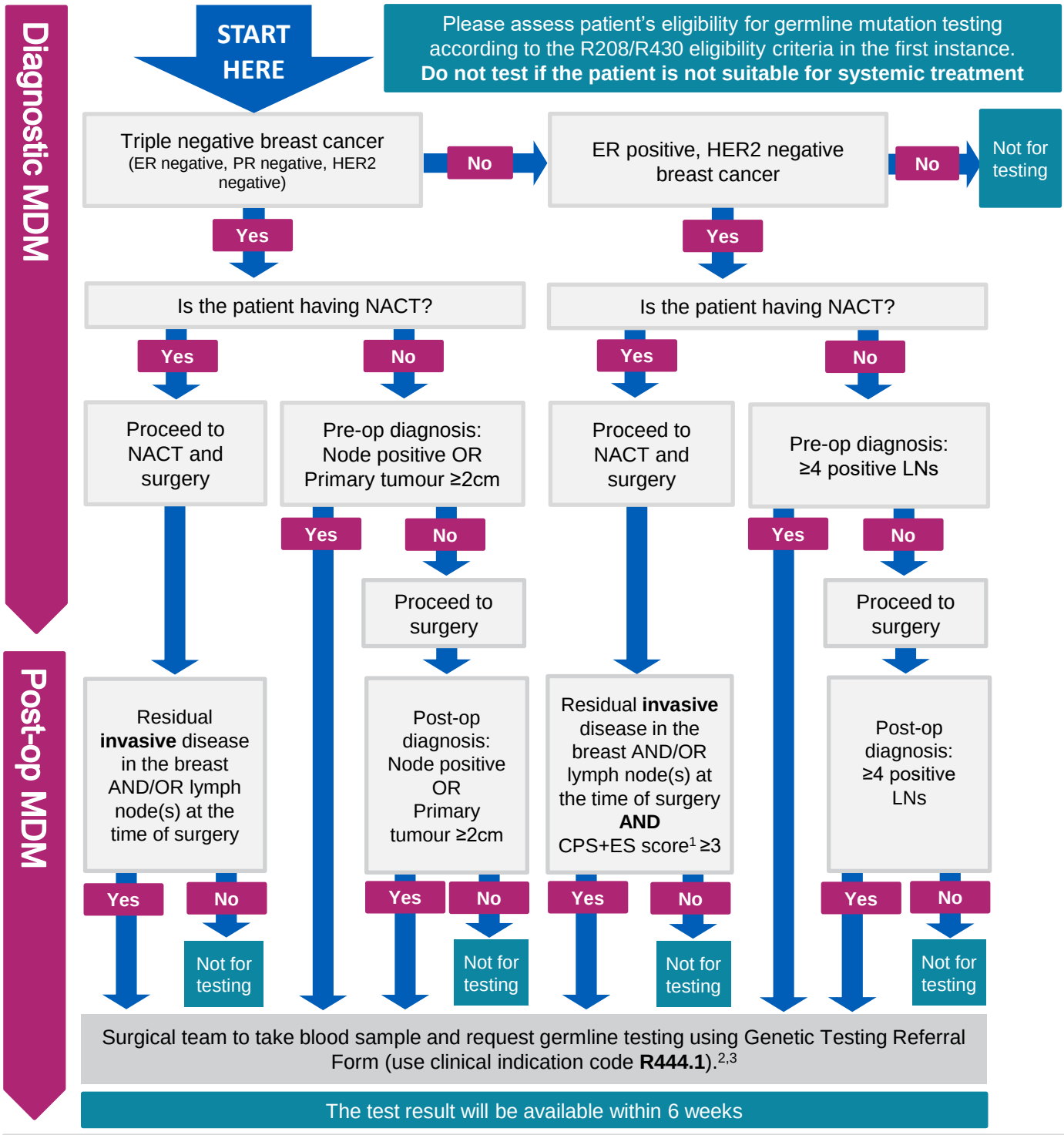
Protocol for genomic testing to determine if a patient is eligible for NICE-approved PARP inhibitor treatment:

National Genomic Test Directory eligibility criteria R444.1

NHS Greater Manchester Cancer Alliance



[1]See CPS+EG score document guidance on calculation, [2]See Patient Information and Consent Form, [3]See Genetic Test Referral Form and FAQs for further instructions. All available at Genetic Testing - Greater Manchester Cancer (gmcancer.org.uk)

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

NHS Greater Manchester Cancer Alliance

Important 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.
- 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.

Other resources

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 guidelines 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)

NHS North West
NHS Genomic Laboratory Hub