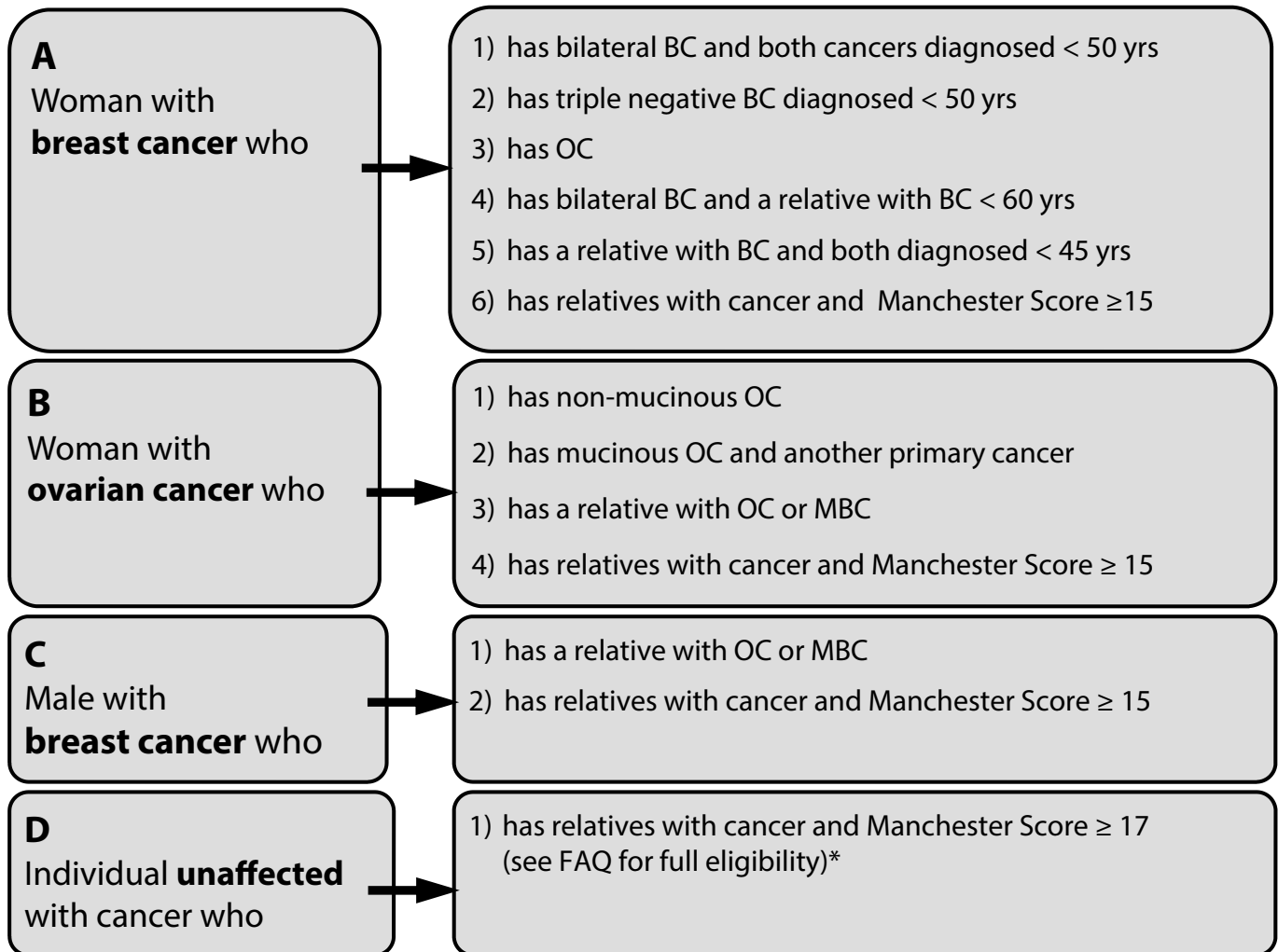


Protocol 2 (10% threshold)

BRCA1 and BRCA2 mutation testing guidelines



Results
BRCA mutation identified: see Protocol 3
BRCA mutation not identified: see Protocol 1 for breast surveillance recommendation
BRCA variant identified: email: vus@icr.ac.uk in management unclear.

Notes
 The above criteria relate to a full gene testing of *BRCA1* and *BRCA2*, individuals of Ashkenazi Jewish heritage may be eligible for founder mutation

Key
Relative = first degree or second degree relative only, except when calculating a Manchester score*. Female relatives through an intervening male shift up one degree of relationship*
BC = breast cancer **MBC** = male breast cancer **OC** = ovarian cancer
Triple negative BC = breast tumour negative for oestrogen receptor (ER), progesterone receptor (PR) and HER2 expression

| Manchester Score* | |
|--------------------------|-------|
| Cancer, age at diagnosis | Score |
| ♀ Breast Cancer, <30 | 11 |
| ♀ Breast Cancer, 30-39 | 8 |
| ♀ Breast Cancer, 40-49 | 6 |
| ♀ Breast Cancer, 50-59 | 4 |
| ♀ Breast Cancer, > 59 | 2 |
| ♂ Breast Cancer, <60 | 13 |
| ♂ Breast Cancer, > 59 | 10 |
| Ovarian Cancer, <60 | 13 |
| Ovarian Cancer, >59 | 10 |
| Pancreatic Cancer | 1 |
| Prostate Cancer, <60 | 2 |
| Prostate Cancer, >59 | 1 |

* See FAQ document for further details <http://www.icr.ac.uk/protocols>