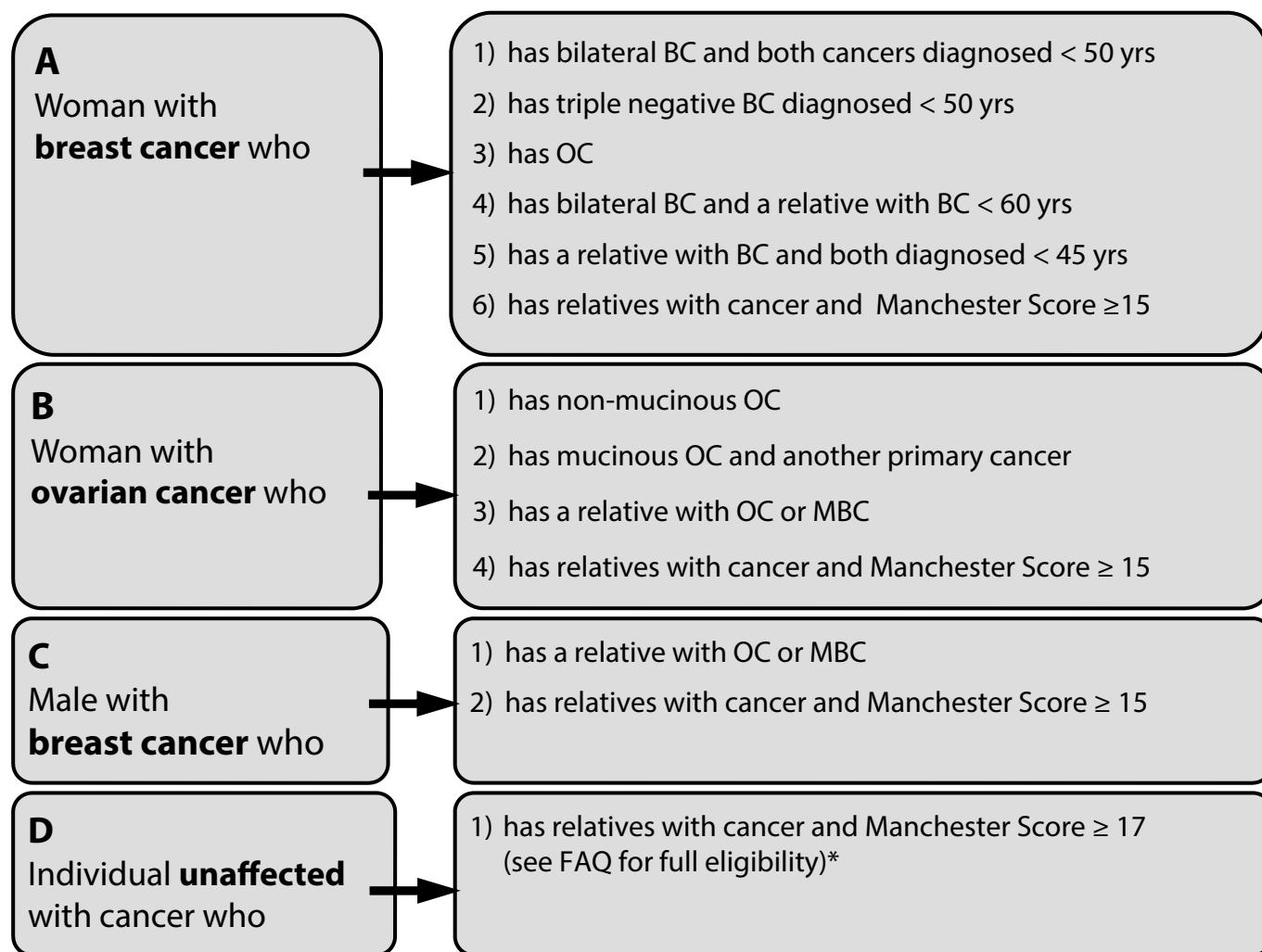


**Protocol 2 (10% threshold)**  
**BRCA1 and BRCA2 mutation testing guidelines**



**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>