

West of Scotland Cancer Network

Primary Care Cancer Network



Regional Cancer Genetics Service Primary Care Referral Guidance

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| Prepared by | West of Scotland Cancer Genetics Service (WoSCGS) West of Scotland Primary Care Cancer Network (WoSPCCN) |
| Approved by | WoSCGS / WoSPCCN / Regional Cancer Clinical Leads Group |
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Guidance for Referral

The West of Scotland Cancer Genetics service is based at the Queen Elizabeth University hospital, Glasgow. Please send **all** referrals to:

West of Scotland Cancer Genetics Service
Department of Clinical Genetics
Level 2A, Laboratory Medicine
Queen Elizabeth University Hospital
1345 Govan Road
Glasgow G51 4TF
Phone: 0141 354 9201 (reception)

We offer face to face appointments in the Queen Elizabeth University Hospital, Glasgow. Alternatively remote video or telephone appointments can be offered. We are not able to provide peripheral clinics.

When making a referral, please include as much information as possible including:

- Type of cancer
- Relationship of any affected relatives to the patient being referred
- Name(s) of affected relative(s); especially those previously seen in the genetics clinic
- Age(s) at diagnosis of affected relative(s)
- Family History Questionnaire is available on the West of Scotland Cancer Network Internet Site

It is rare for cancer to be strongly inherited. In most families, a genetic test for cancer predisposition will **not** be available unless a gene alteration has already been identified in an affected relative. If this has been identified, please include in your referral the name and date of birth of the affected relative, and which genetic centre was involved in identifying the gene so that we can access the relevant information in order to offer a test to your patient. In other families, we usually need to test an affected relative first.

For breast cancer, the majority of families will not have an alteration in the known genes BRCA1 and BRCA2, and testing will not be available to relatives.

Families eligible for testing include an individual with breast cancer under 40, 3 breast cancers under 50, 4 breast cancers under 60, or individuals with triple negative breast cancer under 60 or high grade serous ovarian cancer at any age.

Storage of blood for DNA

For patients with cancer who would like to have blood stored for possible testing in the future:

- Please send 5mls of blood in an EDTA tube to the DNA lab, Level 2B Laboratory Medicine Building, Queen Elizabeth University Hospital, 1345 Govan Road, Glasgow G51 4TF
- Please write 'cancer family for storage' on the request form.

The Service

- The service includes those who are well but at moderate or high risk of cancer (see guidance).
- Individuals at low risk of cancer may still request a referral despite reassurance from their doctor or nurse. Please highlight this within the referral letter so that the genetics service is aware or the patient will not be given an appointment.
- Individuals who may be eligible but are too young for screening (or are over 50 and get routine breast screening) will be contacted by letter rather than being seen in clinic.
- If someone has a complex family history of several unusual cancers (**not** covered by this guidance) then please consider referral or write for advice.
- Many patients will be contacted by letter for further information. If patients are assessed as low or moderate risk they may be dealt with by letter.

Cancer Risk (*see notes regarding first degree relatives)

| Breast Cancer | Low Risk | Moderate Risk | High Risk |
|---|----------|---------------|-----------|
| 1 Relative: Over 40 years at time of diagnosis | Reassure | | |
| Under 40 years at time of diagnosis * | | Refer | |
| With bilateral breast cancer * | | Refer | |
| Who is male (Male breast cancer) * | | Refer | |
| With both breast & ovarian cancer (double primary) * | | | Refer |
| 2 Relatives: 2 relatives over 60 years | Reassure | | |
| 2 relatives (with average age) under 60 years * | | Refer | |
| 1 under 60 years & 1 relative with ovarian cancer * | | Refer | |
| 1 relative under 40 years and 1 relative with a childhood cancer | | | Refer |
| 3 Relatives: Any age * | | Refer | |
| 4 or More Relatives: 4 or more relatives under 60 years | | | Refer |

| Ovarian Cancer | Low Risk | Moderate Risk | High Risk |
|---|----------|---------------|-----------|
| 1 Relative: Any age | Reassure | | |
| 2 Relatives: Or more with ovarian cancer* | | | Refer |
| 1 relative with ovarian cancer (any age) and 1 relative with breast cancer under 50 years* | | Refer | |
| 3 Relatives: 1 relative with ovarian cancer (any age) and 2 relatives with breast cancer under 60 yrs* | | Refer | |
| 4 Relatives: 3 with colorectal cancer (1 under 50 years) and 1 relative with ovarian cancer* | | | Refer |

| Colorectal Cancer | Low Risk | Moderate Risk | High Risk |
|---|----------|---------------|-----------|
| 1 Relative: Over 50 years | Reassure | | |
| 1 Relative: Under 50 years* | | Refer | |
| 2 Relatives: With average age under 60 years* or TWO 1 st degree relatives of any age | | Refer | |
| 3 or More Relatives: All over 50 years* | | Refer | |
| 3 or More Relatives: With 1 diagnosed under 50 years* | | | Refer |

*One must be a first degree relative unless through an intervening male **and** all on the same side of family

- **1st Degree Relative** = Mother, sister, daughter, father, brother, son.