

For Individuals with a **Family History** of Cancer refer:

Any individual with a relative who has a variant in a cancer predisposition gene

Breast/ Ovarian Cancer

Please note an affected individual through a male (e.g. breast cancer in paternal relatives) may be assessed as a one step-closer relative e.g SDR as FDR. If in doubt please contact us or refer (Must meet one or more of the following)

1 relative* with:

- Breast cancer age < 40 years
- Male breast cancer (any age)
- Bilateral breast cancer (any age)
- Breast AND ovarian cancer (any age)

***FDR**

2 relatives (male or female; same side of family)* with:

- Breast cancer (any age)
- Ovarian cancer (any age)
- One breast and one ovarian cancer in different relatives (any age)

***2 FDRs or 1 FDR and 1SDR**

3 or more relatives* (same side of family) with:

Breast and/or ovarian cancer at any age

***FDR or SDR**

Colorectal (CRC) / Bowel polyps / Lynch Syndrome Related Cancers (LSRCs)

LSRCs = CRC, endometrial, small bowel, transitional cell carcinoma renal pelvis or ureter (Must meet one or more of the following)

At least 1 relative* with:

- LSRC age < 45 years
- CRC < 50 years
- 2 or more LSRC (any age)
- CRC and > 5 bowel polyps

***FDR**

2 relatives* with:

- CRC (any age)
- LSRC (one <50 years)

***2 FDRs (including both parents if CRC) OR 1 FDR and 1 SDR (on same side of family)**

3 or more relatives* (same side of family) with:

- CRC (any age)
- LSRC (one <55 years)

***At least 1 must be FDR**

Notes to accompany Referral Guidelines

Other features that may also suggest an underlying hereditary cancer predisposition are:

- Clustering (i.e. 2 or more) of the same cancer in first and second degree relatives (excluding those cancers more likely to have an environmental aetiology e.g. cervical and lung)
- Combinations of cancers occurring at younger than expected ages in multiple closely related family members.

In any families that do not meet the above referral criteria, but in whom you continue to have concerns, please contact the department to discuss further.

First degree relative (FDR) = parent, sibling, child

Second degree relative (SDR) = half sibling, grandparent, grandchild, aunt, uncle, niece, nephew

Death certificates can be obtained at www.gro.gov

If your patient does not meet the referral criteria, another family member may. Consider suggesting they seek their own referral.

If you would like to discuss an individual case please contact us using numbers below.

For up-to-date referral guidelines, please go to <http://www.wales.nhs.uk/sites3/page.cfm?orgid=525&pid=25833>

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Institute of Medical Genetics
University Hospital of Wales
Heath Park, Cardiff CF14 4XW
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Cancer Genetics Service
Singleton Hospital
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