



## Referral criteria for individuals with a Family History of Breast Cancer and/or ovarian cancer to the National Centre for Medical Genetics

We will accept referrals if your patient meets any of the referral criteria below:

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### Breast Cancer

- **One** patient who developed breast cancer younger than 40 years and whose tumour is estrogen receptor, progesterone receptor and HER 2 negative. (triple -ve).
- **Two** 1<sup>st</sup> degree relatives \*diagnosed before average age 50 yrs
- **One** 1<sup>st</sup> degree relative and one 2<sup>nd</sup> degree relative \* diagnosed before an average age of 50yrs
- **Three** 1<sup>st</sup> or 2<sup>nd</sup> degree relatives\* diagnosed before the average age 60
- **Four** relatives \* diagnosed at any age
- Women with Ashkenazi Jewish ancestry

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### Ovarian Cancer

One relative diagnosed with ovarian cancer at any age **and on the same side of the family there is also..**

- One** 1<sup>st</sup> degree or 2<sup>nd</sup> degree relative \* with a breast cancer diagnosed before 50 years
- Two** 1<sup>st</sup> degree or 2<sup>nd</sup> degree relatives\* diagnosed with breast cancer younger than average age of 60 yrs
- Another** relative on the same side of the family with an ovarian cancer at any age of diagnosis

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### Bilateral Breast Cancer

**One** 1<sup>st</sup> degree relative with cancer diagnosed in both breasts at a younger than average age of 50 years **and where on the same side of the family there is ..**

- One** 1<sup>st</sup> or 2<sup>nd</sup> degree relative diagnosed with breast cancer before the average age of 60 years.

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### Male Breast Cancer

A man diagnosed with breast cancer at any age **and on the same side of the family there is also..**

- One** 1<sup>st</sup> or 2<sup>nd</sup> degree relative diagnosed with breast cancer before the age of 50 years
- Two** 1<sup>st</sup> or 2<sup>nd</sup> degree relatives diagnosed with breast cancer before average age of 60 years

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### Unusual pattern of cancers

Sarcoma at younger than 45 years

Glioma or childhood adrenal cortical carcinoma

Complicated pattern of multiple cancers especially with young age of diagnosis.

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**\* Relative must be on the same side of the family and one relative must be a 1st degree relative of the consultand**

**Note:**

These referral criteria would also include families who have been calculated as high risk using breast cancer risk prediction models i.e. a 10-year risk of breast cancer at age 40-49 years of greater than 8%; or a lifetime risk of breast cancer of 30% or greater; or a 20% or greater chance of a faulty BRCA1 or BRCA2 gene in a family. **Please consult with the NCMG about uncertain or unusual patterns of cancer or if there is any uncertainty regarding the necessity for a referral.**

**Information to remember when taking the family tree:**

All relatives must be on the same side of the family and be blood relatives of the consultand and of each other.

First degree relatives: mother, father, daughter, son, sister, brother

Second degree relatives: Grandparent, grandchild, aunt, uncle, niece, nephew, half sister and half brother

**Types of Genetic Testing:**

Genetic testing is only appropriate for a small number of individuals from high risk families. There are two types of tests available to high risk families.

**Diagnostic-** Can only be offered to a living and affected relative with a relevant cancer. In families where there is no one living and affected to offer a blood test to, no testing can be offered and surveillance should be discussed.

**Predictive** – Testing can be offered to unaffected family members if a pathogenic cancer gene alteration has been found in a family member.

**How to refer:**

Please refer in writing to

National Inherited Cancer Service  
The National Centre for Medical Genetics  
Our Lady's Children's Hospital  
Crumlin  
Dublin 12

Or by Fax 01 4560953

**Essential Referral Information**

- Please note as much family information on your referral as possible.
- Please give a daytime phone number for your patient.
- Please send pathology reports for your patient with the referral.

**Further information is available on our website [www.genetics.ie](http://www.genetics.ie)**

**Telephone enquiries can be made from Monday to Friday 10am-12 midday on 01 428 2800. Outside of these hours a message can be left and your call will be returned**

The National Centre for Medical Genetics is a public service.