Referral Guidelines for UK Markey Cancer Center
Clinical Genetic Counseling

Hereditary Breast-Ovarian Cancer Syndrome

**Affected:** An individual with any of the following:
- Mutation identified in family member*
- Breast cancer diagnosed ≤ 40 y
- Two breast primaries
- Male breast cancer
- Primary ovarian cancer (non-mucinous)
- Breast cancer or primary ovarian/fallopian tube/peritoneal cancer at any age with:
  - ≥ 1 close relative\(^1\) with breast cancer ≤ 50
  - ≥ 1 close relative\(^1\) with ovarian cancer
  - ≥ 2 close relatives\(^1\) with breast and/or pancreatic cancer

**Unaffected:** An individual with either a maternal or paternal family history of any of the following:
- ≥ 3 breast primaries from the same side of the family; especially if one is diagnosed ≤ 50
- ≥ 2 ovarian primaries from the same side
- ≥ 1 ovarian and ≥ 1 breast cancer from the same side; especially if one diagnosis ≤ 50
- Male breast cancer
- Member of an at risk population (i.e. Ashkenazi Jewish) with a family history of breast and/or ovarian cancer

Hereditary Colon Cancer Syndromes

**Hereditary Non-Polyposis Colorectal Cancer Syndrome (Lynch Syndrome)**
- Mutation identified in family member*
- Individual meeting Revised Bethesda Guidelines
- Individual meeting Amsterdam II Criteria
- Colorectal (especially right-sided) or endometrial cancer diagnosed ≤ 50
- ≥ 3 close relatives\(^1\) with Lynch syndrome-associated cancers; especially if any were diagnosed ≤ 50

**Hereditary Polyposis Syndromes**
- Mutation identified in family member*
- Clinical diagnosis of FAP or other polyposis syndrome
- ≥ 10 adenomas in the same individual
- Individual with multiple gastrointestinal hamartomatous or hyperplasic polyps

General

- ≥ 3 close relatives\(^1\) with a diagnosis of the same cancer type (≥ 2 relatives if the patient is one of the diagnosed individuals)
- A single individual with multiple primary cancer diagnoses; especially if one was ≤ 50
- A combination of **breast cancer** and any one of the following cancers on the same side of the family:
  - Thyroid
  - Sarcoma
  - Adrenocortical carcinoma
  - Endometrial
  - Pancreatic
  - Brain
  - Diffuse gastric
  - Leukemia/Lymphoma
  - Dermatologic manifestations of Cowden Syndrome

\(^1\)Close relatives include first-, second- and third-degree relatives