

Cancer Genetics Clinic – Referral Guidelines

Juravinski Hospital and Cancer Centre

hamiltonhealthsciences.ca/cancergenetics

This document is meant as a general cancer genetics referral guide for practitioners. There may be patients that are eligible for a genetics consultation +/- genetic testing that fall outside these criteria. If you are uncertain whether an individual/family history will meet criteria, please refer. We will triage the referral and notify you regarding eligibility. We suggest informing your patient that their history will be evaluated to determine if there is a need for an appointment. Genetic testing is offered only to families that are suggestive of a hereditary cancer syndrome, and in most cases will be first offered to a family member affected with cancer.

OBSP – High Risk Screening Assessment

Females ages 30-69 meeting criteria B on OBSP HRS requisition

<https://www.cancercareontario.ca/sites/ccocancercare/files/assets/OBSPHighRiskForm.pdf>

Personal and/or Family history of Cancer (in close relatives)

- **3** or more cases of the same type or related cancers on the same side of family (maternal or paternal) in close relatives
- **2** cases of the same type of related cancer (1 of which was diagnosed under age 50) on the same side of the family
 - *Examples of related cancers:*
 - Breast/Ovarian/Prostate/Pancreatic
 - Colon/Uterine/Ovarian/Stomach/Other GI
- Known gene mutation associated with hereditary cancer risk in a family member

Personal History of Cancer (regardless of family history or age unless specified)

- Breast cancer diagnosed under the age of 45 or bilateral breast cancer
- Metastatic or high risk (gleason 8 or higher) prostate cancer
- Invasive Epithelial ovarian cancer
- Pancreatic adenocarcinoma
- Colon/Uterine cancer diagnosed under the age of 35
- 20 or more pathologically confirmed adenomatous colon polyps (or ≥ 10 under age 60)
- > 30 fundic gland polyps (in absence of proton pump inhibitor)
- Gastric cancer or G-E junction cancer under age 50
- Diffuse Gastric cancer
- Sarcoma under age 45
- Hamartomatous GI polyps
- Pheochromocytoma or paraganglioma
- Medullary thyroid cancer
- Renal cancer under age 45, bilateral renal cancer or other renal pathology (chromophobe/oncocytoma/papillary renal cancer)
- Multiple primary cancers in the same individual
- Other benign or rare tumours suggestive of a hereditary condition based on pathology report or imaging investigation (e.g. hemangioblastoma, sebaceous carcinoma, multiple primary GISTs)