

OXFORD REGIONAL CANCER GENETIC SERVICE REFERRAL CRITERIA

Breast and/or related cancer - LIVING AFFECTED individuals

- Breast cancer diagnosed age <40
- Triple negative breast cancer age <60
- HER2 positive breast cancer age \leq 35
- Bilateral breast cancer age <60
- Ovarian cancer at any age
- Male affected with breast cancer at any age
- Breast cancer at any age AND Ashkenazi Jewish ancestry OR \geq 1 grandparent from Westray (Orkney) or Whalsay (Shetland)
- Breast cancer age <45 AND a first degree relative with breast cancer age <45
- Breast cancer AND a close relative with ovarian cancer
- Breast cancer AND 2 or more close relatives with breast cancer/ ovarian cancer/ pancreatic cancer or prostate cancer
- Pancreatic cancer OR prostate cancer AND family history of breast/ ovarian/ prostate cancer

Breast and/or related Cancer - UNAFFECTED individuals with a FAMILY HISTORY

- 1 close female relative diagnosed with breast cancer age <40 years
- 1 close male relative diagnosed with breast cancer at any age
- 1 close female relative diagnosed with bilateral breast cancer
- 2 close female relatives diagnosed with breast cancer (average age <60 years)
- 2 close female relatives, one diagnosed with breast and one with ovarian cancer
- 2 close female relatives diagnosed with ovarian cancer
- \geq 3 close relatives diagnosed with breast/ ovarian/ prostate or pancreatic cancer at any age

Prostate cancer - AFFECTED individuals

- Prostate cancer age <50 OR metastatic prostate cancer age <60
- Prostate cancer (any age) AND Ashkenazi Jewish ancestry OR \geq 1 grandparent from Westray (Orkney) or Whalsay (Shetland)
- Prostate cancer AND family history of breast/ ovarian/ pancreatic cancer

Colorectal or related cancers/ multiple bowel polyps - AFFECTED individuals

- Colorectal OR uterine cancer age <50
- Colorectal cancer AND uterine cancer at any age
- Colorectal or uterine cancer age <60 plus a first degree relative with colorectal or uterine cancer <60
- Colorectal or uterine cancer age <75 plus 2 close relatives with colorectal or uterine cancer <75
- Colorectal or uterine cancer any age plus 3 close relatives with colorectal or uterine cancer at any age
- Any small bowel cancer diagnosis <age 40
- Multiple bowel polyps ≥ 5 adenomatous colorectal polyps age ≤ 40 years, or ≥ 10 adenomatous colorectal polyps if older; any juvenile polyps, any hamartomatous polyps, or any number of polyps in a child under 18 years (excluding inflammatory polyps)
- Serrated polyposis clinical diagnosis in patient age <50, OR family history of ≥ 1 affected first degree relative with SPS OR evidence of dysplasia within any polyp

Colorectal and related cancer/ multiple bowel polyps - UNAFFECTED individuals with a FAMILY HISTORY

- 1 first degree relative with colorectal /uterine cancer <age 50
- 1 first degree relative with colorectal /uterine cancer and ≥ 1 other close relative with colorectal or related cancer
- 1 first degree relative with colorectal cancer AND uterine cancer at any age.
- both parents diagnosed with colorectal cancer at any age
- 3 or more close relatives diagnosed with colorectal, other gastrointestinal, glioblastoma, uterine, urothelial or ovarian cancer at any age (at least one a first degree relative)
- First degree relative with multiple colorectal polyps ≥ 5 colorectal polyps (if age ≤ 40 years) or ≥ 10 colorectal polyps if older; any juvenile polyps, or any number of polyps in a child under 18 years (excluding inflammatory polyps)

Renal cancer

- Renal cancer age <46
- Type 2 papillary HLRCC associated renal cancer at any age
- Individual with bilateral/ multifocal renal cancer at any age
- Renal cancer (any age) AND other benign or malignant lesions
- Renal cancer age <60 AND first degree relative with renal cancer age <60
- Renal cancer age <50 and second degree relative with renal cancer age <50

Melanoma

- Melanoma age <18
- 2 or more melanoma age <30
- 3 or more melanoma any age
- Melanoma AND ≥ 2 close relatives with melanoma OR 1 first degree relative with multiple melanomas OR 1 first degree relative with pancreatic cancer age <60
- Atypical moles AND ≥ 2 close relatives with melanoma

Pancreatic cancer

- Pancreatic cancer age <60
- Pancreatic cancer age <70 AND breast cancer, OR melanoma OR ovarian cancer
- Pancreatic cancer age <70 AND 1 close relative with pancreatic cancer
- Pancreatic cancer age <70 and 2 close relatives with breast cancer, melanoma or ovarian cancer OR two close relatives with pancreatic cancer (any age)

Other reasons to refer

- Any invasive solid tumour in child or young person age ≤ 25
- Multiple primary cancers or benign tumours in one individual
- 3 or more close relatives with tumours at the same site
- 3 or more close relatives with any cancer at an earlier age than expected in the general population
- 3 or more close relatives with cancers of breast/ colorectal/ ovary/ prostate/ pancreas/ melanoma/ thyroid, non-melanoma skin tumours or sarcoma
- Unusual lesions with a strong genetic component (Medullary Thyroid cancer/ pheochromocytoma/ paraganglioma/ parathyroid cancer/ diffuse gastric cancer age <50/ adrenocortical cancer/ haemangioblastoma/ GIST age <50 or with a family history)
- Family history of a known cancer predisposition condition (please include a copy of the genetic test report in the affected relative where available)

Further guidance

Close relatives include: parents, siblings, children, aunts/ uncles, grandparents

Refer to: Consultant Clinical Geneticist, Oxford Centre for Genomic Medicine, OUH

stating in your referral letter how the referral criteria are met.

Please do not include a completed family history questionnaire. If the referral is accepted the patient will be sent a link to an electronic questionnaire, to be completed and submitted by the patient before the referral can be progressed. If your patients does not have access to a computer/ tablet please ask them to complete a paper questionnaire and enclose this with your referral.

GP referrals please send via ERS

Referrals from secondary care should be sent by email to: clinical.genetics@ouh.nhs.uk