MOUNT SINAI

Comprehensive BRCA Program

Gastrointestinal Cancer Recommendations

Patients with *BRCA1* and *BRCA2* gene mutations are at increased risk of developing pancreatic cancer and other gastrointestinal cancers.

▶ **For patients with a *BRCA1* mutation:**

- Absolute lifetime risk of pancreatic cancer is less than 5 percent.
- Pancreatic cancer screening should begin at age 50 only when there is a family history of pancreatic cancer, or 10 years younger than the earliest family member diagnosis. Pancreatic surveillance typically involves an annual magnetic resonance imaging (MRI) examination or endoscopic ultrasound (EUS).
- We recommend initiating colon cancer screening at age 45, if not already started. Colon cancer screening may consist of a colonoscopy or stool-based tests, at the discretion of the patient and provider.
- We recommend initiating pancreatic cyst surveillance, regardless of age, if there is a known pancreatic cyst on previous imaging in the setting of a *BRCA1* gene mutation. Pancreatic surveillance typically involves a MRI or EUS.

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Gastrointestinal Cancer Recommendations

(cont.)

▶ **For patients with a *BRCA2* mutation:**

- Absolute lifetime risk of pancreatic cancer is 5-10 percent.
- Pancreatic cancer screening should begin at age 50 even if there is no family history or 10 years younger than the earliest family member diagnosis when there is a family history. Pancreatic surveillance typically involves an annual magnetic resonance imaging (MRI) examination or endoscopic ultrasound (EUS).
- We recommend initiating colon cancer screening at age 45, if not already started. Colon cancer screening may consist of a colonoscopy or stool-based tests, at the discretion of the patient and provider.
- We recommend initiating pancreatic cancer surveillance, regardless of age, if there is a known pancreatic cyst on previous imaging in the setting of a *BRCA2* gene mutation. Pancreatic surveillance typically involves a MRI or EUS.

Mount Sinai's Comprehensive BRCA Program for men and women who have mutations in the *BRCA1* or *BRCA2* gene provides expert guidance to ensure that you receive appropriate cancer screenings, monitoring, and treatment, as needed.

For information and appointments, call 877-309-BRCA (2722). mountsinai.org/care/cancer/about/brca-program

For information about gastrointestinal cancers and treatment, scan the QR code or call 844-MD-CANCER.

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