Quest Advanced® Oncology

Do any of the following apply to your patient?

Patient history

- Cancer diagnosed under age 50
- Cancer diagnosed at any age in the context of significant family history (see right)
- Bilateral or multiple primary cancers
- Rare cancer[a]
- Ashkenazi Jewish ancestry[b]

Family history

- **≥2 relatives** with related cancer,[c] with 1 diagnosed under age 50
- **≥3 relatives** with related cancer[c] on the same side of the family
- Relative with a known familial mutation
- Ashkenazi Jewish ancestry[b]

[a] Male breast cancer, metastatic prostate cancer, ovarian cancer, pancreatic cancer, colorectal or uterine cancer with abnormal microsatellite instability/immunohistochemistry (MSI/IHC), pheochromocytoma, paraganglioma, 10 or more gastrointestinal polyps

[b] Increased risk for specific *BRCA1* and *BRCA2* mutations

[c] For a complete list of related cancer types, see the Hereditary Cancer Reference Guide

Choosing the right test: a quick guide to help with collaborative, informed decision-making

History consistent with multiple cancer syndromes ***or*** history not explained by previous genetic testing	**Comprehensive Hereditary Cancer Panel** **66 genes** including high-risk, moderate-risk, and emerging genes associated with a broad spectrum of hereditary cancers
	Guideline-Based Hereditary Cancer Panel **32 genes** associated with a broad spectrum of hereditary cancers; all genes have management recommendations for 1 or more cancer sites
History includes primarily 1 cancer type	**Targeted Panels** **Hereditary Breast Cancer Panel: 18 genes** associated with increased risk for breast cancer **Hereditary Colorectal Cancer Panel: 20 genes** associated with increased risk for colorectal cancer **Hereditary Endocrine Cancer Panel: 12 genes** associated with increased risk for paragangliomas, pheochromocytomas, and endocrine cancer
History is suspicious for a well-characterized hereditary cancer syndrome	**Additional hereditary cancer risk tests** Syndrome-specific tests that analyze genes associated with well-characterized cancer syndromes, such as tuberous sclerosis complex (TSC), Lynch syndrome, familial adenomatous polyposis (FAP), and others
Patient has a relative with a familial mutation	**Hereditary cancer, single-site test** Only looks for variant previously identified in a relative

For assistance, contact Genomic Client Services at **1.866.GENE.INFO (1.866.436.3463)** or **QuestHereditaryCancer.com**

The information presented is not intended to be a complete source for cancer risk in any patient. The patient's physician must determine the patient's risk based upon the patient's clinical assessment, history, and the physician's training and experience.

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