

XPANDED[®] HEREDITARY CANCER

XPAND YOUR KNOWLEDGE

GeneDx
an **OPKO** Health Company

If your family's pattern of cancer is unusual or prior cancer genetic testing did not identify the cause, there is now another option.



One of the first tests of its kind, **Xpanded HereditaryCancer** looks at over **600 genes** to provide more information to unanswered questions.

GeneDx brings **unparalleled experience and expertise** in exome technology to cancer patients looking for answers. **Xpanded HereditaryCancer** uses the flexibility of exome technology to capture newly discovered genes and expand our analysis beyond traditional cancer genes.

The number of cancer predisposition genes available for clinical genetic testing has doubled in the last 10 years



Who may benefit from Xpanded HereditaryCancer?

- Prior cancer genetic testing is negative and there still is concern that your family history of cancer may be hereditary
- The pattern of cancer in your family is unusual
- There is a desire to have a more comprehensive test for hereditary cancer

Possible Test Results And Implications

The genes included within Xpanded HereditaryCancer panel are placed into one of three categories. Variants (genetic changes) within each category have different implications regarding personal cancer risk, management recommendations, and risks to family members. While there may be limits to our understanding of many of these genes, over time as more is learned, results may impact the care for you or a family member.

CLINICAL CANCER GENES

well defined genes that contribute to hereditary cancers within a family

- Harmful variants within genes in this category are associated with an increased risk for one or more cancers/ tumors, or other health conditions
- Specific medical management recommendations may be available
- Genetic testing of family members may be helpful to clarify their cancer risks and/or screening options

LIMITED EVIDENCE GENES

genes with some evidence of association with cancer risk

- Variants within genes in this category may be unclear regarding the risk to develop cancer/tumors or other health conditions
- Medical management is often based on personal and/or family history of cancer and not test results
- Genetic testing of family members may or may not be helpful to clarify their cancer risks and/or screening options

CANDIDATE GENES

genes potentially related to a cancer process

- Variants within genes in this category are unclear regarding the risk to develop cancer/tumors or other health conditions
- Medical management based on personal and/or family history of cancer and not test results
- Genetic testing of family members is unlikely to help clarify their cancer risks and/or screening options at this time

What's Next?

If prior hereditary cancer testing did not identify the cause of the cancer in you or your family, **Xpanded HereditaryCancer** testing may provide the final answer.

SPEAK TO YOUR HEALTHCARE PROVIDER ABOUT ADDITIONAL RECOMMENDATIONS IF YOU ARE AT RISK FOR HEREDITARY CANCER

Providers should only order panels if medically necessary. GeneDx offer a wide range of tests for Hereditary Cancer screening. Please visit www.genedx.com to learn more.



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