

	Cancer type	Average lifetime risk	Risk by age 70 with <i>BRCA2</i> variant*
Cancer Risk Estimates	Female breast	12%	38 – 84%
	Male breast	<0.1%	up to 8.9%
	Ovarian	1 – 2%	16 – 27%
	Prostate	11%	15 – 20%
	Pancreatic	<1%	2 – 7%
	Melanoma (cutaneous /ocular)	1.6%	Elevated

*Risk estimates are from GeneReviews, and may vary amongst different studies.

Medical Recommendations	<p>Medical recommendations for early detection and prevention of cancer include:</p> <p>Female breast:</p> <ul style="list-style-type: none"> • Breast self-exam starting at age 18 • Clinical breast exam starting at age 25, every 6–12 months • Annual breast MRI with contrast starting at age 25 • Annual breast MRI with contrast <u>and</u> mammography starting at age 30 • Consideration of risk-reducing mastectomy • Options for breast cancer risk-reduction medications like tamoxifen <p>Male breast: Breast self-exam and clinical breast exam starting at age 35</p> <p>Ovarian:</p> <ul style="list-style-type: none"> • Risk-reducing removal of ovaries and fallopian tubes (salpingo-oophorectomy) is recommended, typically by age 35–40 and upon completion of childbearing • Transvaginal ultrasound and CA-125 testing starting at age 30–35 • Options for ovarian cancer risk-reduction medications like birth control pills <p>Prostate: Prostate cancer screening starting at age 45, including annual digital rectal examination and PSA testing.</p> <p>Pancreatic: There are no specific recommendations. Screening should be individualized based on your family history of pancreatic cancer.</p> <p>Melanoma: Skin exam by a dermatologist</p> <p>Recommendations may be individualized based on your personal and family history of these cancer types. Speak to your doctor about what options are right for you.</p>

For More Information	<ul style="list-style-type: none"> • General information and support resources: www.facingourrisk.org • Genetic Information Nondiscrimination: www.ginahelp.org • Find a Genetic Counselor: www.nsgc.org/page/find-a-gc-search
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