



Introduction to Hereditary Risk Screening

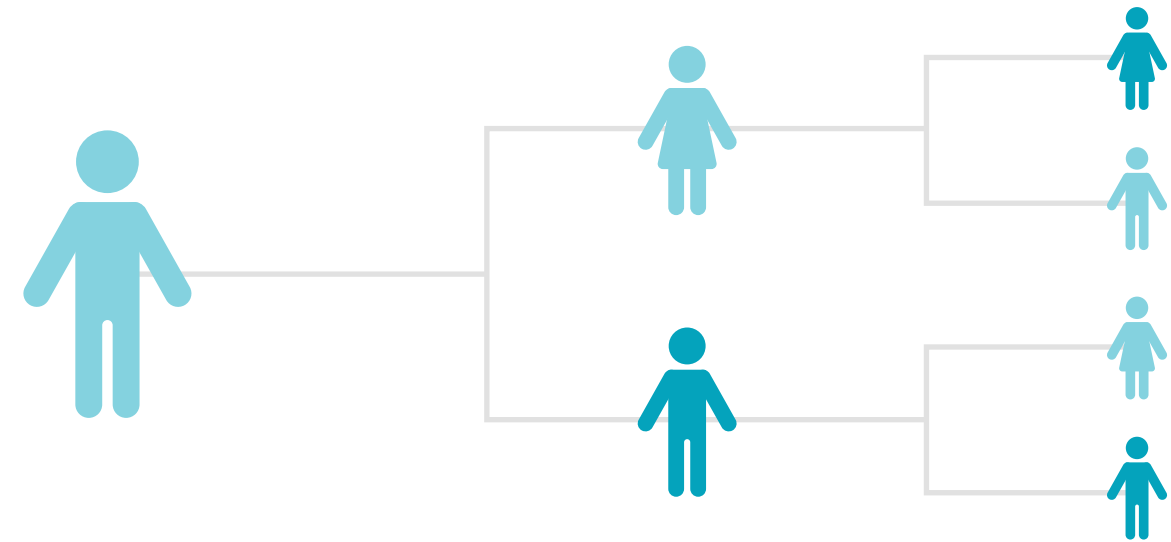


Understanding Your Genetic Risk for Certain Cancers

Genetics & Hereditary Cancer

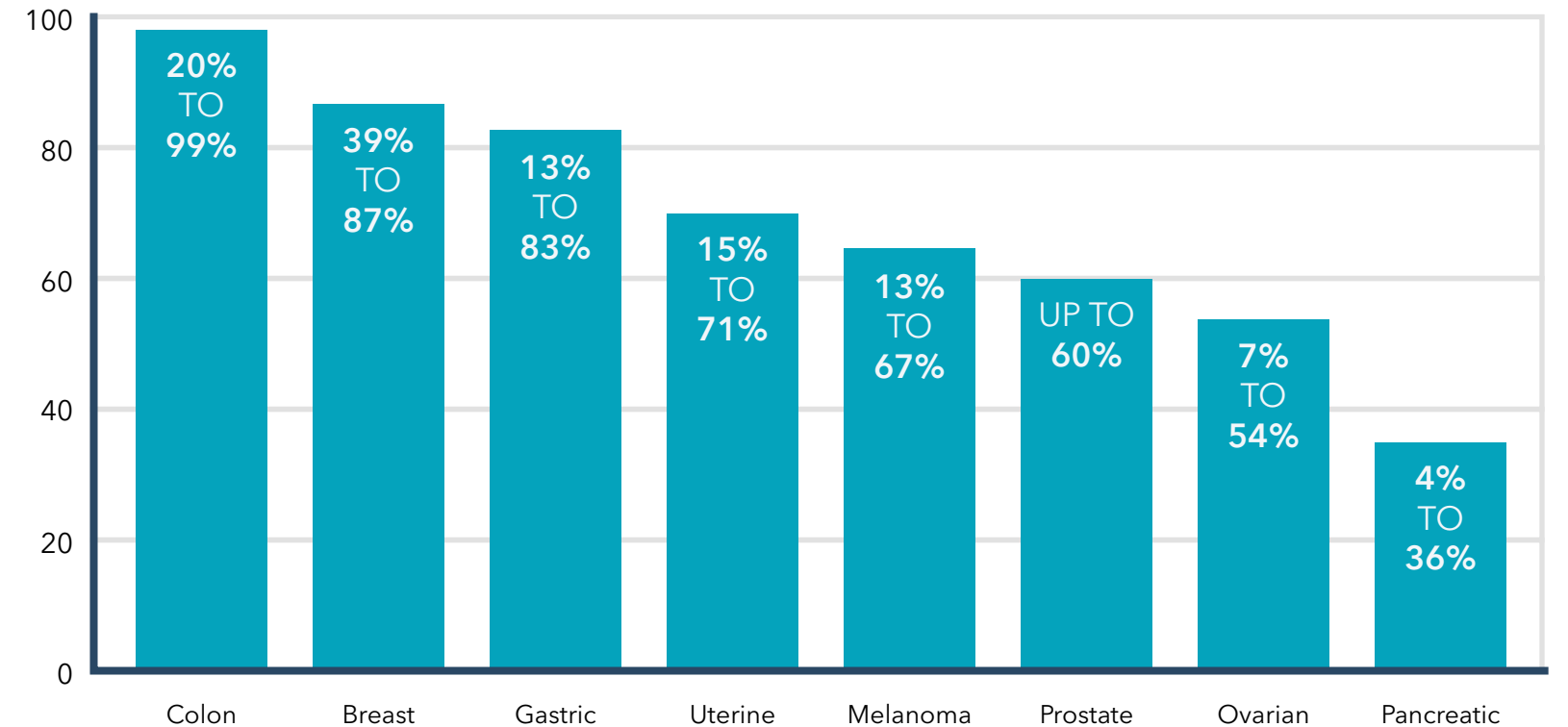
About half of all men and one-third of all women in the U.S. will develop cancer during their lifetime.¹

Among all cancers, about 5% to 10% are considered hereditary, which means an increased risk is passed down through families via their genetics.²



Rapid advances in genetic knowledge have helped to identify many genes associated with cancer. Today, we understand that having a variant in one of these genes, your risk of developing certain types of cancer is significantly higher than the general population.

Lifetime cancer risk for people with genetic variant³



Benefits of hereditary risk genetic testing...

Knowing if you have an inherited risk empowers you to be proactive about your health.

- Increasing screenings and check-ups can identify a cancer at its earliest, most treatable state
- Certain medications, vitamins or supplements can prevent cancer from developing (chemoprevention)
- If desired, surgery can significantly reduce risk
- Genetic information can help qualify you for participation in research studies or clinical trials.

Cancer Guardian's Hereditary Cancer Test ...

A physician ordered test and performed by an independent certified clinical laboratory, the test includes a one-on-one call with a genetic counselor who will help you to understand any implications on your health.

Analyzing over 61 genes for clinically informative variants associated with, but not limited to, the following cancers:

- Breast
- Colorectal
- Melanoma
- Gastric
- Ovarian
- Pancreatic
- Prostate
- Renal Cell
- Thyroid
- Uterine

Gene List

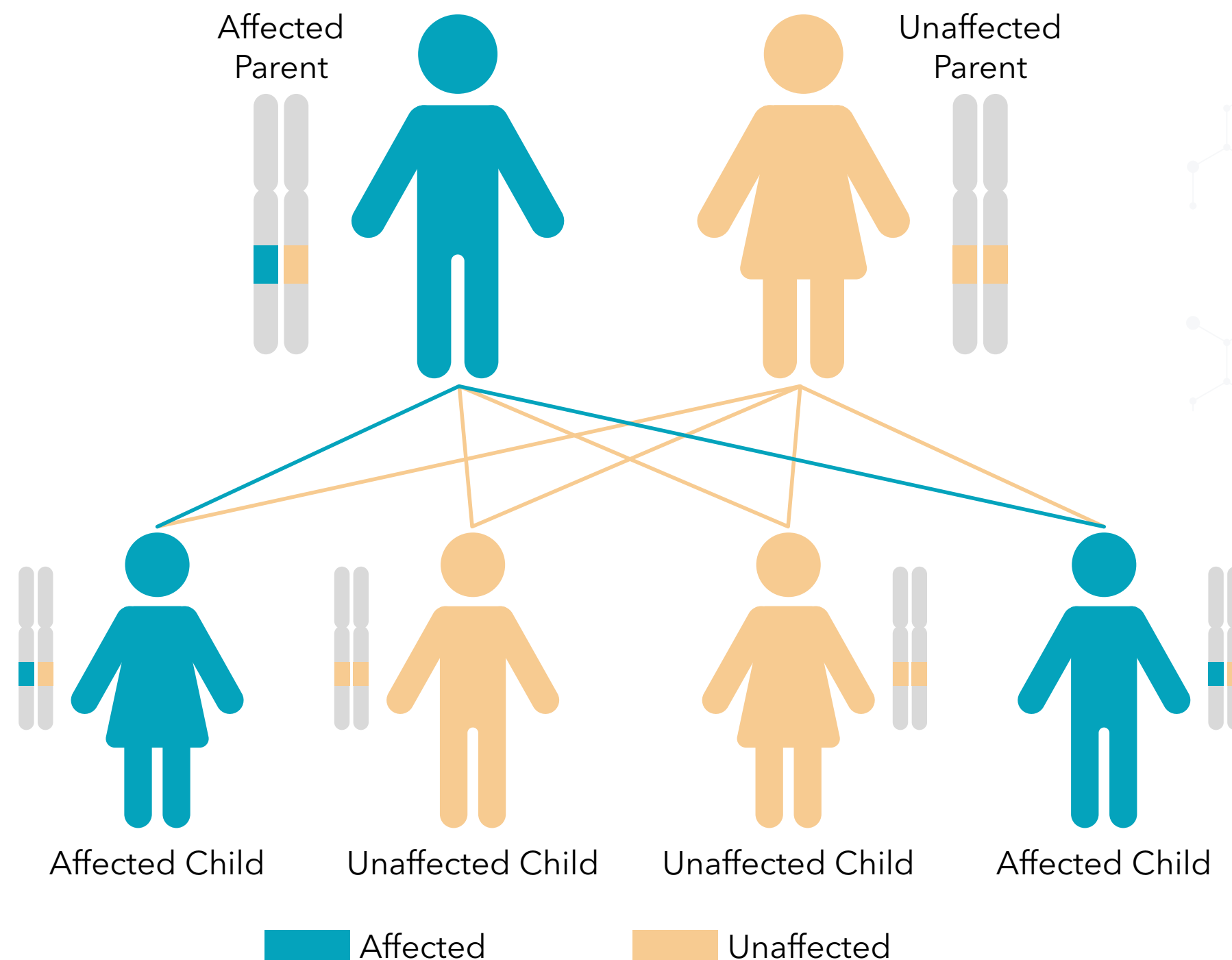
APC	ATM	AXIN2	BAP1	BARD1	BMPR1A	BRCA1
BRIP1	CDC73	CDH1	CDK4	CDKN2A	CHEK2	DICER1
FH	FLCN	GREM1	HOXB13	KIT	MAX	MEN1
MITF	MLH1	MSH2	MSH3	MSH6	MUTYH	NBN
NF2	NTHL1	PALB2	PDGFRA	PMS2	POLD1	POLE
PTCH1	PTEN	RAD51C	RAD51D	RB1	RET	SDHA
SDHB	SDHC	SDHD	SMAD4	SMARCA4	SMARCB1	STK11
TP53	TSC1	TSC2	VHL	WT1		

How can testing help my family?

Identifying at-risk family members is one of the most important benefits of genetic testing. If you have a genetic variant, your immediate family members could have a 50% chance of having the same alteration.

If a positive variant is found in your test, Cancer Guardian provides free testing for first-degree blood relatives to determine if they also have an increased risk of cancer (includes children 18 years or older).

Cancer Guardian's oncology experts can provide actionable steps and work with your primary care provider to incorporate the information into your regular healthcare.





Learn More at
www.CancerGuardian.com

Sources:

1. <https://www.cancer.org/cancer/cancer-basics/lifetime-probability-of-developing-or-dying-from-cancer.html>
2. <https://www.cancer.gov/about-cancer/causes-prevention/genetics#:~:text=different%20genetic%20changes.,Hereditary%20Cancer%20Syndromes,individuals%20to%20developing%20certain%20cancers.>
3. https://marketing.invitae.com/acton/attachment/7098/f-06c9/1/-/-/-/B134-1_Genetics%20of%20Hereditary%20Cancer%20patient%20brochure.pdf