

Why Genetic Counseling?

Information for patients who have been diagnosed with prostate cancer.

Why is genetic counseling being recommended?

Genetic counseling is recommended to men who are fighting or have survived prostate cancer when the prostate cancer was given a Gleason score ≥ 7 AND one or more of the following apply:

1. The person diagnosed has at least one close blood relative (1st, 2nd, or 3rd degree relative) with breast cancer diagnosed < 50 yrs
2. The person diagnosed has two relatives (on the same side of the family) with breast, pancreatic or prostate (Gleason score ≥ 7) cancer at any age
3. The person diagnosed has a close blood relative with ovarian cancer
4. The person diagnosed is of Ashkenazi Jewish ancestry
5. The person diagnosed has three or more relatives with the same type of cancer (not including lung, cervical or non-melanoma skin cancer)

About 5 to 10% of prostate cancer is hereditary and passed through families. A genetic counselor can closely examine your personal and family history to assess your risk.

After reviewing this history, he or she may recommend genetic testing for one or more cancer predisposition syndromes, such as Hereditary Breast and Ovarian Cancer Syndrome (caused by mutations in the BRCA1/2 genes and



known to increase risk for prostate cancer development). If you are found to carry a mutation in a gene associated with a cancer predisposition syndrome, you and your medical team can work together to form a more personalized treatment and management plan.

How would carrying a gene mutation change things for me?

For men who are fighting prostate cancer, genetic test results may change their oncologic treatment options. For those who have survived the disease, these results may change post-treatment screening recommendations. Additionally, men with mutations in cancer predisposition genes are sometimes at an increased risk for other types of cancer and may be candidates for additional surgeries and/or screening.

What would this mean for my family members?

Mutations in genes associated with cancer predisposition syndromes are passed through families. Most of the time, if you are positive for a genetic mutation, your first-degree family members (mother, father, sisters, brothers and/or children) have a 50% chance of also carrying this mutation. If you are found to be positive for a mutation, a genetic counselor can help you inform your family members about their risk of developing certain cancers. In those that test positive but do not have cancer, preventative action can be taken, reducing their risk of developing cancer. These actions include more aggressive screening at younger ages, preventative surgeries and chemoprevention (taking drugs known to reduce the risk of developing breast cancer for women in your family).

Does insurance cover the cost of genetic counseling and genetic testing?

At Invision Sally Jobe, genetic counseling visits are most often covered by insurance. When a genetic counselor or other medical professional recommends genetic testing, insurance covers it in most cases. A genetic counselor and the laboratory conducting the testing can help you find out if genetic testing is covered by your specific insurance plan and what the out-of-pocket cost would be to you. If you would like to contact your insurance company to check on your coverage for genetic counseling and/or testing, please contact us for the relevant billing code(s).

If I test positive for a genetic predisposition syndrome, could this affect the insurability of my children and/or other relatives?

Genetic information cannot be accessed by anyone, except you and people you authorize to view this information. Furthermore, the Genetic Information and Discrimination Act of 2008 (also known as “GINA”), is a federal law that prohibits insurance companies and employers from discriminating against someone because of their genetic information. Additionally, Colorado law (S.B. 94-058) states that health insurance, group disability insurance and long-term insurance coverage cannot be denied based on genetic information.

Locations

Invision Sally Jobe offers convenient locations throughout the Denver metro area. Visit www.invisionsallyjobe.com to find the location nearest you.

Why Invision Sally Jobe?

Every Invision Sally Jobe breast imaging site is a National Quality Measures for Breast Centers® (NQMBC) Certified Quality Breast Center of Excellence™. This designation is awarded to facilities that consistently demonstrate excellence in patient care and adherence to the highest clinical quality standards. Invision Sally Jobe is the only breast network in Denver metro area to earn this distinction.

Invision Sally Jobe is also an American College of Radiology (ACR) Breast Imaging Center of Excellence and fully certified by the FDA.



Resources

- GINA : Genetic Information Nondiscrimination Act (ginahelp.org)
- National Society of Genetic Counselors (NSGC.org)
- American Cancer Society (www.cancer.org)
- Prostate Cancer Foundation (www.pcf.org)

For more information about our commitment to quality, please visit www.InvisionSallyJobe.com.

To schedule an appointment, call 720.493.3700.

For other inquiries, call our Patient Care Coordination line at 720.493.3459 or email pcc@riaco.com.



 Like us on Facebook
Invision Sally Jobe

 Follow us on Twitter
@InvSallyJobe

 **INVISION SALLY JOBE**
Imaging by RIA and HealthONE