

Germline testing

Treating pancreatic, prostate, ovarian, and breast cancer can be complex. Without all the answers it can feel like operating in the dark.

Somatic testing identifies most patients with actionable mutations, but it doesn't identify all of them. Without germline testing, you're only getting part of the picture.



1 in 10 pancreatic¹



1 in 8 breast²



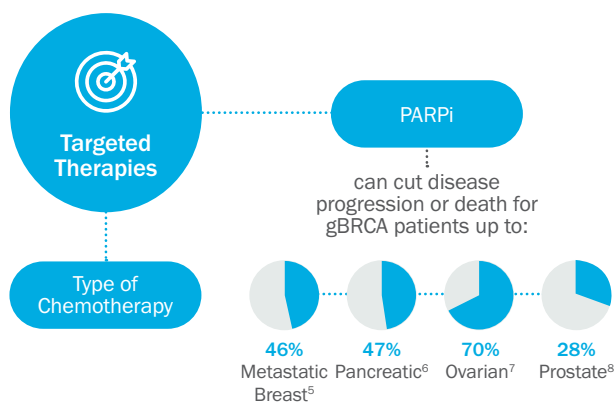
1 in 6 prostate³



1 in 4 ovarian⁴

cancer patients have a GERMLINE mutation which may benefit from a targeted therapy.

You need the full picture to determine treatment options such as:



Somatic testing *alone* can have some limitations including:

- Unknown variants
- Limited tumor tissue
- Missed large rearrangements

1. Tersmette AC, et al. Increased risk of incident pancreatic cancer among first-degree relatives of patients with familial pancreatic cancer. Clin Cancer Res. 2001 Mar;7(3):738-744.
2. Foulkes WD et al. N Engl J Med. 2008; 359:2143-2153.
3. Nicolosi P, et al. Prevalence of germline variants in prostate cancer and implications for current genetic testing guidelines. JAMA Oncol. 2019 Apr 1;5(4):523-528.

4. Walsh T, et al. Proc Natl Acad Sci USA. 2011; 108(44): 18032-18037.
5. Robson M, et al. N Engl J Med. 2018; 377:523-533.
6. Golan T, et al. N Engl J Med. 2019; 381(4):317-327.
7. Moore KN, et al. N Engl J Med. 2018; 379(26):2495-2505
8. Bono et al. Olaparib for Metastatic Castration-Resistant Prostate Cancer N Engl J Med. ePub April 28, 2020

Germline testing

Germline testing with Myriad Genetics can shine light on the bigger picture.

- Industry leading variant classification program
- Uses blood or buccal samples to generate a 99% accuracy assay
- Germline testing can establish future risk
- 10% of all BRCA mutations are large rearrangements¹

Knowing which patients to test is simpler than ever.

Myriad Genetics with BRACAnalysis CDx[®] will process ALL tests for patients with a personal diagnosis of:



Pancreatic Cancer¹



Breast Cancer¹



Prostate Cancer¹



Ovarian Cancer¹



Provide the best patient care and shine a light on your patient's full picture by ordering a germline test today.

1. Some exceptions apply (e.g. government payers). For patients with Medicare who are currently or may become eligible for treatment with a PARP inhibitor, BRACAnalysis CDx with myRisk is available.