

PATIENT INFORMATION

GPS Cancer

Molecular Profiling

Every cancer is unique — what works for one patient may be ineffective for another. How can your doctors know all they can about your tumor?

GPS Cancer

The GPS Cancer profile is a precise and comprehensive molecular test that analyzes the DNA and RNA in your tumor to identify the unique drivers of the cancer to inform your doctor's treatment decisions.

The results of the GPS Cancer profile can provide your oncologist with insight into cancer therapies that may have potential benefit including active clinical trials and those therapies to which the cancer may be resistant. Your oncologist may choose to use this information to develop personalized treatment plans based on the unique characteristics of your cancer.

Now you and your doctor can know more about your tumor than ever before to make informed, personalized treatment decisions.

Support Resources

Our GPS Care Center (1.844.MY.OMIGS) is staffed with specially trained GPS Nurse Navigators available to support you anytime during the process. Financial support may also be available through our NantAccess Program.

How it Works

Physician-Patient Dialogue

The process starts when you and your doctor decide that GPS Cancer profiling is right for you.



Sample Collection

Your doctor will send your tissue and blood samples to the GPS Cancer lab for testing.



GPS Cancer Profiling

Our lab analyzes the DNA and RNA in your tumor, and sends the results to your doctor within 21 days (typical).

GPS Cancer Profiling includes:

DNA Sequencing

Pinpoints genomic alterations among the thousands of genes present in an individual tumor cell.

Tumor-Normal Comparison

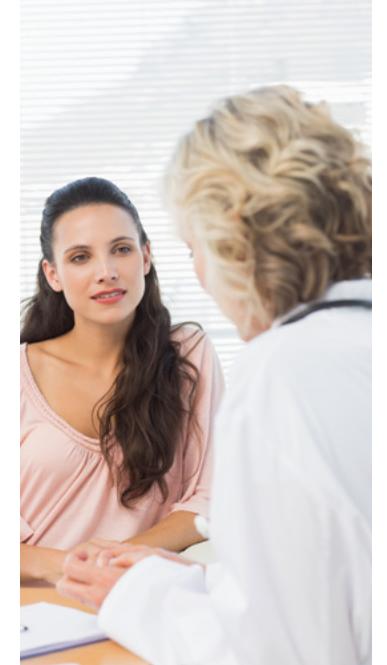
Provides information about which gene changes are found only in the tumor and not healthy cells, and therefore, may be targets for cancer therapies.

RNA Sequencing

Provides information about which gene changes are important, and therefore, which drugs are likely or unlikely to provide benefit.

Report Review

Your doctor will review your GPS Cancer results with you and discuss potential treatment options.



Questions & Answers

What is GPS Cancer?

GPS Cancer is a unique molecular test that can identify alterations in the DNA and RNA of a person's tumor sample to potentially match this information to specific cancer therapies. This comprehensive profile may reveal additional treatment or clinical trial options for consideration based on the unique characteristics of your cancer.

Who is eligible for GPS Cancer?

Discuss with your physician whether GPS Cancer is appropriate for your type of cancer.

Who can order GPS Cancer?

GPS Cancer must be ordered by a physician.

What samples are required for testing?

A tumor sample (in most cases tissue collected from the most recent biopsy can be used) and a blood sample are required for testing. Both samples are needed for the accurate identification of tumor alterations.

How is GPS Cancer profiling different from other tumor genomic testing?

The GPS Cancer includes DNA sequencing of 19,000+ genes and RNA sequencing to analyze more of the genetic material located in tumors than many other tests available. It also compares the tumor tissue to normal healthy cells to differentiate between benign DNA alterations and those that may drive the cancer. This comprehensive approach improves our ability to offer molecular insights to the oncologist to inform their selection of cancer therapies.

How long does it take to receive the GPS Cancer profile results?

Results are typically available within 21 days from receipt of samples and necessary paperwork.



ABOUT NANTHEALTH

NantHealth's Mission is to improve the delivery of healthcare and optimize patient outcomes by leveraging the latest advancements in precision medicine and software technologies to enable true value based care.

TO LEARN MORE:

1.844.MY.OMICS | gps@nanthealth.com | www.nanthealth.com