Advanced GENOMIC Testing

WHAT IS IT?
Advanced genomic testing (AGT) is a specialized form of cancer testing that looks for specific genetic abnormalities that can drive cancer growth and spread. Unlike traditional cancer treatments that are often one-size-fits-all, AGT is designed to find the specific mutations in a patient's tumor that may be driving their cancer.

NOT A CURE FOR CANCER
While AGT can help identify the genetic abnormalities that are driving a cancer, it’s not a cure for cancer. It’s a tool to help doctors design personalized treatment plans for patients with rare or unusual cancers.

THE PROMISE
AGT offers the promise of personalized care, as doctors can tailor treatments to the specific genetic makeup of a patient’s tumor. This can lead to more effective, targeted therapies that are more likely to work for each individual patient.

WHEN IS ADVANCED GENOMIC TESTING PERFORMED?
AGT is typically recommended for patients with rare or unusual cancers, or when other treatments have not been effective. It’s often performed in the following circumstances:
- When a patient’s tumor is resistant to conventional therapies.
- When a patient’s genetic makeup suggests they may benefit from targeted therapy.

HOW THE PROCESS WORKS
1. Tumor sample: A small sample of the patient’s tumor is taken and sent to the lab for analysis.
2. Genetic analysis: The lab tests the sample for genetic abnormalities that may be driving the cancer.
3. Treatment recommendation: Based on the results, a treatment plan is developed that targets the specific genetic abnormalities in the patient’s tumor.

DIFFERENT TERMS, SAME IDEA
- Personalized cancer treatment
- Advanced genomics
- Precision medicine

WHAT IS NOT
- Not a replacement for standard cancer treatments. AGT is an additional tool to help doctors design personalized treatment plans.
- Not for all patients. AGT is typically recommended for patients with rare or unusual cancers or when other treatments have failed.

N=1: TRULY INDIVIDUALIZED CARE
AGT is often referred to as N=1 research, indicating that doctors consider it a highly individualized approach to cancer care. This means that the treatment plan is designed specifically for the patient, based on the unique genetic makeup of their tumor.

THEORY vs. PRACTICE
While the promise of AGT is exciting, it’s important to note that the process is still evolving. New testing technologies are being developed, and new treatments are being developed to target the genetic abnormalities identified through AGT.

FOR MORE INFORMATION:
Learn more about AGT and how it can help you or a loved one at www.risingtidetx.com.

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