

RGCC Personalized Cancer Testing

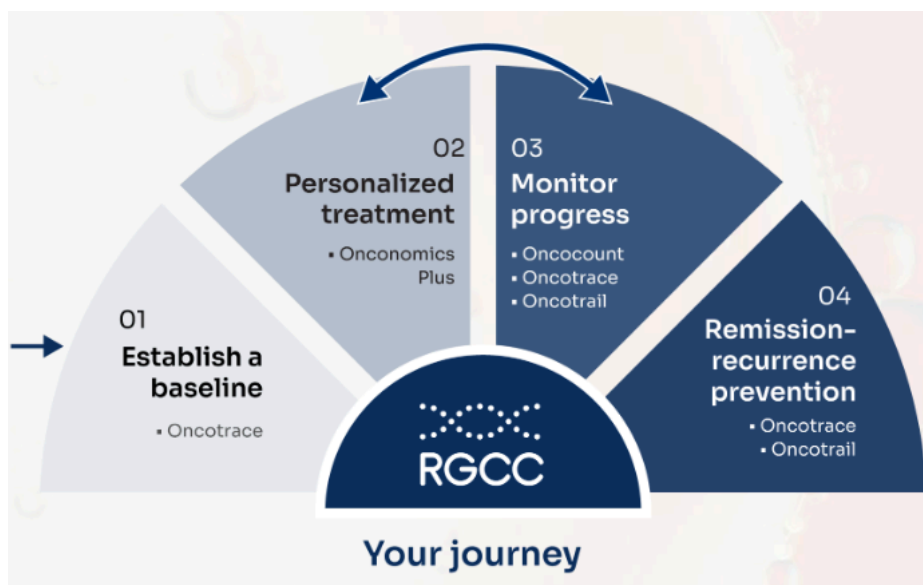
RGCC (Research Genetics Cancer Center) was founded in 2004 by genetics pioneer Dr. Loannis Papanastasiou, who believes the key to effective cancer treatment lies in personalized medicine. Using innovative technology, RGCC has developed tests that provide a detailed look into a patient's genetics, physiology, and immune profile. This information is invaluable in creating targeted, individualized treatment plans that increase the chances of successful outcomes.

Why Use RGCC Testing?

- Detect the early signs of cancer
- Monitor existing cancers
- Provide personalised guidance on conventional and natural treatments

RGCC tests detect circulating tumor cells—cells that have separated from the original tumor and entered the bloodstream, lymphatic system, or other areas of the body, potentially leading to new tumor growth. By identifying gene markers associated with these cells, RGCC provides extensive insights to guide personalized treatment strategies. *(Please note, that while significant progress has been made in detecting and isolating circulating tumor cells, these tests are not yet 100% conclusive.)*

Check out our sample tests here: [ONCO TRACE](#); [ONCONOMICS PLUS](#); [ONCO TRAIL](#)



RGCC Testing Options

1. OncoTrace (Baseline of your cancer status)

- **Purpose:** OncoTrace helps identify a primary tumor's origin and provides guidance on disease progression and prognosis. This is useful in cases where a primary tumor is not easily identifiable, it provides critical data about cancer development and potential outcomes.
- **How It Works:** Blood samples are analyzed for CTCs to identify the concentration and immunophenotype, offering clues about tumor origin and progression.
- **Ideal For:** Patients where the primary cancer origin is unknown or those needing insight into disease progression.
- **Price:** €800 - approximately \$864 for test and blood draw. Post consultation review is \$497. If you are a new patient, a consultation will be scheduled before ordering the RGCC test and arranging the blood draw.

(This company is based in Greece, therefore test prices are fixed in Euro pricing, which includes supply kits and shipping. When converting to USD, the conversion is based on the day the test was ordered for you. Test prices do not include in-office fees charged by your RGCC provider, MeehanMD.)

2. Onconomics Plus (Chemotherapy and natural substances testing)

- **Purpose:** Onconomics Plus evaluates how various anti-cancer drugs, targeted therapies, and natural treatments impact the cancer cells in a patient's body. This provides your medical provider with a detailed breakdown of which treatments, including natural substances, are most likely to be effective.
- **How It Works:** Blood samples are analyzed to test the effectiveness of specific therapies, helping identify the most suitable treatments.
- **Ideal For:** Patients seeking a well-rounded, personalized treatment plan that combines conventional and integrative therapies.
- **Price:** €2,050 - approximately \$2,213 for test and blood draw. Post consultation review is \$497. If you are a new patient, a consultation will be scheduled before ordering the RGCC test and arranging the blood draw.

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3. OncoTrail or OncoTrace (Monitoring of effectiveness of treatments)

- **Purpose:** OncoTrail is used to detect and quantify circulating tumor cells (CTCs) in patients with specific cancers like breast, colon, GI, melanoma, lung, sarcoma, and prostate. This tracks how well cancer treatments are working and provides insight into potential relapse risk with follow-up testing. (OncoTrace can be utilized for monitoring purposes, as well, depending on specific cancer.)
- **How It Works:** Blood is analyzed to measure CTC presence and concentration, giving a marker of treatment effectiveness.
- **Ideal For:** Patients with a confirmed cancer diagnosis who want to monitor treatment effectiveness and track their health over time.
- **Price:** €775 - approximately \$837 for test and blood draw. Post consultation review is \$497.

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RGCC Testing Recommendations

Combining RGCC tests can offer a more comprehensive approach to personalized cancer care, depending on your specific needs:

For Treatment Planning (initial visit): OncoTrace & Onconomics Plus

This combination provides insights into genetic treatment responses (chemotherapy or natural) and can help clarify the origin and status of a primary tumor.

For Treatment Monitoring (follow up after treatment): OncoTrace OR OncoTrail

Ideal for tracking CTC levels to monitor treatment response and detect early signs of recurrence, this combination supports ongoing monitoring for post-treatment patients. (Every 3-6 months during treatment.)

Additional Information:

- Before drawing blood for therapies, the patient must be off cytotoxic therapies and free radical producing substances 7-21 days prior to the blood draw. (see list at the end of document)
- If OncoTrace and Onconomics Plus are ordered and test results come back negative, then we will request a refund and the patient will only be responsible for OncoTrace pricing.
- If OncoTrace is positive, it is recommended to have a retest after 3-6 months on therapies.

Limitations of RGCC Testing

While RGCC Testing provides a wealth of valuable data, it's important to understand what it can't do:

- **Does Not Replace Imaging:** RGCC does not substitute for traditional imaging like CT or MRI scans to monitor tumor size or location.
- **No Guaranteed Cure:** While RGCC identifies potentially effective treatments, it does not ensure a cure.
- **Blood Tests Do Not Include Brain or CNS Cancers:** Our tests can be utilized for all types of hematological and solid cancers, at various stages, outside of brain tumors because of the blood brain barrier not allowing the cells into general circulation. Brain and CNS cancers require a tissue or CSF sample instead of blood sample.



Immune-suppressing or immune-modulating agents

If drawing blood for testing, the patient must be off cytotoxic therapies and free radical producing substances 7-21 days prior to the blood draw. Some therapies require a longer time frame. See below for details.

Reason: The breakdown of the CTC caused by these therapies creates debris and clouds the field. Removing these therapies prior to the blood draw will allow time for the body to clear the debris, providing the best quality blood sample and ensuring better quality test results and therapy targets.

- Blood Transfusions: at least 120 days
- CDK Inhibitors: for at least 14 days
- Chelation Therapy (IV): Avoid at least 14 days
- Chemotherapy (non-platinum derivative): at least 14 days
- Chemotherapy (platinum derivative): at least 21 days
- Cryoablation: at least 7 days
- Fever: at least 14 days
- Hormone suppression: at least 14 days ($\frac{1}{2}$ life x 7 is ideal formula for avoidance)
- Hyperbaric Therapy: at least 7 days
- Hyperthermia (generalized/systemic): no waiting
- Hyperthermia (local/concentrated/microwave ablation): at least 30 days due to increased cellular debris released into the bloodstream
- Immune Suppression Medication: at least 14 days
- Methylene Blue: at least 14 days
- Mistletoe: Avoid for at least 21 days
- MOAB or SMW drugs: for at least 14 days
- Natural Substances (IV): cytotoxic substances like Vitamin C or Ozone at least 14 days.
- Natural Substances (oral supplements): Class 1 or 3 cytotoxic substances (per patient's Onconomics Plus results) at least 14 days.
- NK1 Inhibitors: for at least 14 days
- NSAIDS: Do not have to be discontinued
- Off Label Medications: Ivermectin-FenBen-Itraconazole: 14 days
- Off Label medication: Doxycycline: 7 days
- Off Label Medication: Metformin: 21 days
- PEMF Therapy: at least 7 days
- Plasmapheresis: Potential risk but not studied. Use your own discretion.
- Radiation: at least 14 days
- Scans with Contrast: at least 14 days
- Surgery (brain or extensive): minimum of 30 days based on time of recovery. Could be longer if slow recovery or if the person had some type of adverse reaction. Must be evaluated on a case-by-case basis.
- Surgery (simple/routine): at least 7-10 days



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