KNOWING YOUR IMMUNE SCORE, PERSONALIZING YOUR CARE.
You have been diagnosed with colon cancer, what are the next steps?

You have just been diagnosed with colon cancer. The doctor explained the necessity of surgery to remove the tumor and stop its progression.

After surgery, the medical team will analyze your tumor to identify the stage of your disease.

IMMUNOSCORE® can be used in patients with Stage II and Stage III colon cancer to assess their immune response. The results will help doctors and patients make more informed decisions about the next steps.

Your doctor will suggest an appropriate therapeutic strategy.
How does your doctor assess the stage of your disease?

After surgery, your doctor will use a tool called “The TNM classification” to assess the severity of your disease.

This classification is based on three criteria:
1. T: Extension of the tumor
2. N: Spread to the lymph nodes
3. M: Presence of metastases in other organs

Based on the criteria above, five cancer stages (0 to IV) are determined and correlated with an associated risk of recurrence following surgery. This information will help guide your doctor’s choice of treatment.

Although this staging system is widely used, some patients with the same cancer stage have a different risk of disease relapse. The immune system plays an important role in guiding your doctor’s choice of treatment.
What is the immune system?

The immune system defends our bodies against infections and diseases. There are different types of immune cells:

1. **Immune cells that seek unhealthy cells or foreign substances.**

2. **Immune cells that send messages to other cells in the body about an attack.**

3. **Immune cells that attack and destroy the micro-organisms that cause infections, or abnormal cells.**

This is known as the **immune response**.
How does your immune system respond to fight against cancer?

When your body detects cancer, it activates a number of different cells within your immune system to fight. This is called the immune response.

- **Helper T Cells** send signals to other immune cells to direct their response and destroy harmful cells as quickly as possible.
- **Killer T Cells** directly target and destroy cancer cells.

This is part of the immune response, which is different for each patient. It is important to assess the immune system’s ability to defend itself against tumor cells to determine the risk of cancer recurrence.

Recently, a large international clinical study, carried out on colon cancer patients, has shown that:

50% of prognosis is explained by Immune Response.
What is IMMUNOSCORE®?

IMMUNOSCORE® is the only diagnostic test that assesses the immune system’s ability to defend itself against tumor cells. It provides you with a clear and accurate answer about your risk of recurrence.
Assessing your body’s ability to fight your cancer helps the medical team define a precise and personalized therapeutic treatment for you.

How does it work?

Only IMMUNOSCORE® can provide a standardized and personalized score capable of reflecting the immune response to the tumor.
There are two categories of Immunoscore ®result: High and Low

If your IMMUNOSCORE® is High: Many killer immune cells have infiltrated your tumor and are attacking tumor cells. Your risk of recurrence is low.

If your IMMUNOSCORE® is Low: Few immune cells are present in your tumor. Your immune system alone is not armed enough to fight your cancer. Your risk of recurrence is therefore increased.
If your cancer is stage II

Your tumor is localized. Based on the TNM classification and other clinical parameters, your doctor will likely opt for either surgery alone, or surgery followed by chemotherapy. IMMUNOSCORE® provides information to better assess your risk profile and determine the best personalized treatment strategy.

If your cancer is stage III

Your cancer is more advanced, and you will likely need to be treated with chemotherapy. IMMUNOSCORE® will help your doctor determine the most appropriate duration of chemotherapy for your situation.

IMMUNOSCORE® can optimize your care, by adapting the treatment strategy to your personal situation.
When and how your IMMUNOSCORE® is performed?

After your surgery, a tissue sample from your tumor is preserved for further testing.

When your doctor orders IMMUNOSCORE®, a portion of this sample is sent to a Veracyte laboratory to perform the test. It does NOT require an additional procedure.
Suggested questions to discuss with your oncologist:

*When will I find out what stage the cancer is? (What size it is and whether it has spread)*

*What follow-up appointments will I have and what is the purpose of each?*

*Will I need any further treatment? If yes, when will this start?*
How could my IMMUNOSCORE® result affect decisions about my treatment?

Will you send details of my treatment (called a treatment summary) to my GP? May I have a copy?

What support is available after surgery?
For more information, contact your oncologist

For additional help in understanding colon cancer and your treatment options visit:

globalcca.org
fightcolorectalcancer.org
colontown.org

Billing Information
To get more information on our billing policy and Veracyte patient assistance program, please visit our website
www.veracyte.com
or contact our billing department at billing@haliodx.com
or call our toll-free number (833) 293-0101

For physicians and patients more information available

www.veracyte.com

The IMMUNOSCORE® and its performance characteristics were determined by Veracyte. This test has not been cleared or approved by the FDA.