



Dendritic Cell Therapy

Use your immune system to
fight cancer.

Immuno
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DCT: Dendritic Cell Therapy

The groundbreaking advancements in Immunotherapy, particularly in Dendritic Cell Therapy, have revolutionized cancer treatment and earned recognition with Nobel Prizes in Physiology or Medicine in 2011 and 2018. This therapy has emerged as one of the most significant breakthroughs in the fight against cancer, providing new hope for patients.

Dendritic Cell Therapy harnesses the remarkable ability of dendritic cells to activate the immune system and eliminate cancer cells. This therapy is a vital component of the latest advancements in immunotherapy and is helping patients achieve better outcomes and an improved quality of life.

As a leading centre for cancer treatment, we are committed to staying at the forefront of medical innovation and providing our patients with the most advanced and effective treatments available. Our team of dedicated professionals is passionate about improving patient outcomes and helping patients achieve optimal health and well-being.



What are dendritic cells?

Dendritic cells (DCs) are a vital component of our immune system, playing a crucial role in our body's ability to identify and destroy abnormal cells, such as cancer cells and tumours. These cells communicate with other immune cells, both directly and indirectly, to regulate our adaptive immune responses, which are essential for our body's defence against harmful cells.

Dendritic cell therapy aims to prepare and mature dendritic cells to recognise cancer cells and activate specific immune cells, such as natural killer cells (NK-T cells), B cells and T cells, to eliminate them. The unique versatility and capacity of dendritic cells to initiate, control and regulate both specific and non-specific immune responses make them essential for maintaining the delicate balance between immunity and tolerance.

Dendritic cells can activate both naive and memory immune responses, allowing our immune system to respond rapidly and effectively to any threat. At our centre, we recognise the vital role of dendritic cells in promoting optimal immune function and are committed to offering advanced therapies that harness their potential to fight cancer and other diseases.

How does DCT work?

While traditional cancer treatments primarily focus on alleviating symptoms, they do not address the root cause of cancer. This is where immunotherapy, such as Dendritic Cell Therapy (DCT), differs and why it is considered the future of cancer treatment. Unlike chemotherapy, radiation therapy, and surgery, DCT works by naturally enhancing the body's immune system and equipping it with the necessary tools to fight cancer.

Dendritic cells, as instructor cells, play a crucial role in activating the immune system and providing critical information to natural killer and T cells (NK-T cells) to identify and destroy cancer cells. Through DCT, dendritic cells help the immune system recognize cancer cells that were previously hidden and launch a targeted attack to eliminate them.

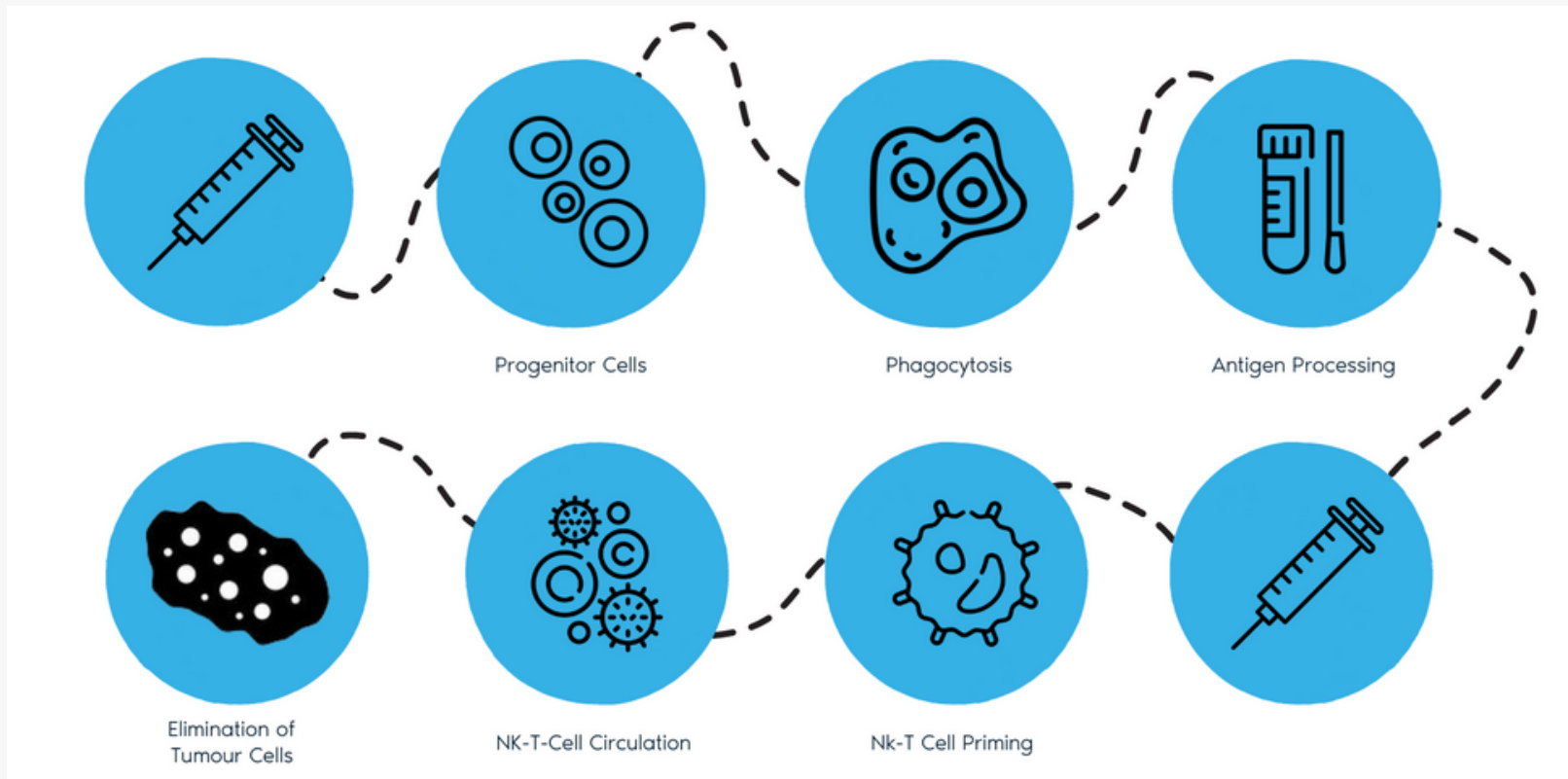
At our centre for cancer treatment, we understand the importance of personalized and comprehensive care for patients with cancer. That's why we offer cutting-edge therapies like Dendritic Cell Therapy, which aims to enhance the body's natural defences and promote healing from within. Our team of experts is committed to providing compassionate care and support to help our patients achieve the best possible outcomes.

Who is eligible for DCT ?

Dendritic Cell Therapy is a versatile treatment that has shown efficacy in a variety of cancer types, such as carcinomas, melanomas, and sarcomas. It is a natural therapy that can be used in conjunction with other cancer treatments or as a standalone option.

Cell-based immunotherapy can be applied as primary or complementary therapy. We understand that every patient's situation is unique, and we are committed to working with you to determine the best treatment strategy based on your medical reports. We are here to support you every step of the way.

Activated Dendritic Cell mediated Immune Response



Benefits of DCT

- It is a minimally-invasive therapy that avoids the use of harsh chemicals, radiation, or surgeries, reducing the risk of side effects and complications.
- Because it harnesses the body's natural healing system, it is generally safe and free of unwanted side effects.
- DCT targets the tumour directly, rather than merely treating the symptoms, making it a potentially more effective approach to fighting cancer.
- In addition to being effective, DCT can also be a cost-effective option compared to traditional cancer treatments.
- The therapy is designed to be pain-free, helping to minimise discomfort and improve patient comfort throughout the process.



How long will DCT take?

After the blood draw the production of the cells takes around 3 weeks, then your Dendritic Cells are administered. After that they will start to instruct the immune system to target and fight cancer cells, helping the body in its fight against cancer

How much does DCT cost?

We believe that every patient deserves access to the best possible therapy, therefore we strive to provide personalized proposals that are tailored to each patient's specific health condition. Immunyo's DCT is one of the most competitive DC therapies available on the market.

We are committed to working with you to find the most suitable treatment plan that meets your needs and budget.



The step by step treatment to fight cancer.



Step 1

Our immunology specialists will engage in a consultation to discuss your case.



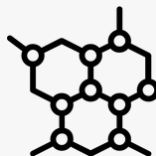
Step 2

Blood samples are collected and dispatched to the lab for the creation of a personalized DCT vaccine.



Step 3

Monocytes are extracted from the blood sample and cultivated into dendritic cells. Those dendritic cells are then primed with the tumour antigen.



Step 4

The personalized Dendritic Cell serum is administered and starts its activity in the patient's body.



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Important notice: The contents of this brochure are provided for general information purposes only and should not, in any circumstances, be relied upon without first seeking specialist advice from a medical professional who is familiar with your personal medical situation and history, in order to decide on the correct course of treatment.