

ICT

Nurturing Cells For Lives

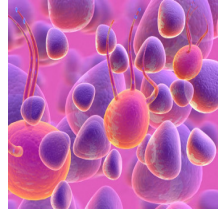
DENDRITIC CELL THERAPY

DENVAX™

**Customized Treatment in Cancer
to Keep Cancer From Returning**

**Safe
Autologous
For All Solid Tumors
Best to Prevent Relapse
Delays Disease Progression
Improves Quality of Life & Overall Survival**

www.dendriticcellresearch.com



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To prepare **DENVAX**, 20ML fresh blood is drawn and sent to **ICT, Noida**. For this you shall be provided with a **CellNute™** bottle from **ICT, Noida** (CellNute is a transport medium used for collection and transport of blood). Any trained medical personnel should be able to do this.

DENVAX™

TO COLLECT BLOOD AND ADD IT TO THE CELLNUTE BOTTLE follow the given steps:

You are provided with a 20ML syringe, a bottle of Heparin, a CellNute bottle (tightly capped) and an extra needle. In addition, you will be provided with a pair of sterile gloves.



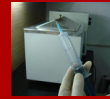
STEP 1 Choose a clean surface. Put on the gloves. Take approximately 0.1ML (a few drops) Heparin into the syringe.



STEP 2 Pull the plunger of the syringe backwards and ensure an even coating of heparin on walls of the syringe, as shown below.

STEP 3

Remove the needle and push the plunger back to its original position.

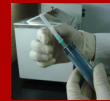


STEP 4

Replace with the new needle. Prepare to take out blood.

STEP 5

Draw the patient's blood to fill the syringe.



STEP 6

Pour the blood gently into the CellNute Bottle. Cap the bottle tightly. Gently mix the contents. Do not invert the bottle. Label the bottle with the patient's name and other specifications.



STEP 7

This bottle is now to be transported to the **ICT Lab, Noida**, placed upright in the box provided, within 12 hours.

Collecting blood for preparing **DENVAX** is easy and can be done by any trained nurse or medical personnel. However, care should be taken to carry out the process in a clean room in a clean and calm environment.

HOW TO ADMINISTER THE DENVAX:

Your Dendritic cell vaccine (**DENVAX**) shall reach you on the **8th day of taking blood**.



STEP 1

On this day, prepare an intravenous infusion drip. Discard the contents of a plastic DNS bottle through the tubing, till only 100-150ML remains as shown below. (A small amount of test dose (approx. 0.1 ml) may be given on the volar aspect of the patient's forearm to rule out immediate hypersensitivity.)



STEP 2

Load a syringe with Ondansetrone 4mg in 2ML. Inject this into the patient.



STEP 3

Load a 10ML syringe with the contents of all **DENVAX** vials provided to you.



STEP 4

Clean the surface of the plastic DNS bottle with spirit swab. Inject the **DENVAX** contents into the plastic bottle as shown below.

STEP 5

Run the drip intravenously into the patient in 15-20 minutes.

DENVAX is ready to be administered on the 8th day of taking blood, and should be administered the same day as indicated. **ICT, Noida** makes provision to send trained personnel to your place for **DENVAX** administration.

DENVAX does not cause any 'immediate' or 'delayed' side effects. Till date, it has caused no mortality or any life-threatening situation to any patient. It is safe and easy to administer. In a few cases, it may cause fever, mild to moderate degree, which may last for 12 to 48 hours. The fever subsides by taking a tablet of Paracetamol. Our trained personnel shall ensure no appearance of any side effects.

ICT established in February 2005 has till date, safely treated hundreds of cancer patients with **DENVAX** from all over India and abroad.

The **Institute of Cellular Therapies** provides comprehensive individualized programs to help people with cancer overcome their disease. Each treatment plan and each dendritic cell vaccine, **DENVAX™**, is customized to the person with cancer. Our team of Medical, Surgical, and Radiation Oncologists are available for expert opinion and necessary intervention.