

## **Technical Write-up**

### **District Implantable Catheter Ports**

Cancer patients requiring Chemotherapy usually have their venous system compromised due to high toxicity of the chemotherapeutic agents. These patients require reliable venous access for their repeated treatments including blood sampling.

District Port was developed to address this problem in cancer patients. It consists of a port or a chamber and a silastic catheter. The chamber on the top has silicon septum which is self sealing and can take multiple needle pricks.

So a cancer patient who is undergoing Chemotherapy or Bone marrow transplant will have the District Port implanted in the chest region and the silicon catheter will be tunnelled in to the Superior Vena cava either through the subclavian vein or through the internal jugular vein.

District Implantable Catheter Ports are manufactured by District Medical SA., France. The brand name of the port is DISTRICT. The District Implantable Catheter Port comes in different sizes like pre-connected catheter port, with attachable catheter port adult size, with attachable catheter port paediatric size, with attachable catheter port for placement in peritoneal or arterial cavity.

**End use Report:** The end user is an Medical Oncologist/ Surgical Oncologist who will use the device to administer Chemotherapy in a Cancer Hospital who normally treats cancer patients.