

# Manufacturing Business of Medical Disposables. IV Cannula.

## Cannula Manufacturing System

### Description:

The IV cannula itself is a small flexible tube that surrounds a trocar needle used to puncture the skin. The cannula has a fitting that can be connected to more tubing or a port for medication administration once the needle has been removed. Aside from aiding in hydration and administering medication, a cannula can also be used to obtain blood samples for testing.

Intravenous (IV) cannulation is a technique in which a cannula is placed inside a vein to provide venous access. Venous access allows sampling of blood, as well as administration of fluids, medications, parenteral nutrition, chemotherapy, and blood products.

A cannula is a tube that can be inserted into the body, often for the delivery or removal of fluid or for the gathering of data. In simple terms, a cannula can surround the inner or outer surfaces of a trocar needle thus extending the effective needle length by at least half the length of the original needle. It is also called an intravenous IV cannula. Its size mainly ranges from 14 to 24 gauge. Different-sized cannula have different colours as coded.

'Cannula' and 'catheter' both mean exactly the same thing– a flexible tube inserted into the body to administer or withdraw fluids or to keep another tube patent. Intravenous cannulation is a technique in which a cannula is placed inside a vein to provide venous access. Venous access allows sampling of blood as well as administration of fluids, medications, parental nutrition, chemotherapy, and blood products. In general, the smallest gauge of catheter should be selected for the prescribed therapy to prevent damage to the vessel intima and ensure adequate blood flow around the catheter, which reduces the risk of phlebitis. In an emergency situation or when patients are expected to require large volumes infused over a short period of time, the largest gauge and shortest catheter that is likely to fit the chosen vein should be used. There are four types of IV Catheter: Peripheral Catheter, Midline Peripheral Catheter, and Peripherally Inserted Central Catheter & Central Venous Catheter.

**For more details download PDF file.**

**Keywords:** IV Cannula Manufacture, IV Cannula Manufacturing Plant, Project Report on IV Cannula Manufacturing, Production Plant of IV Cannula, IV Cannula Manufacture in India, How to Manufacture Disposable Surgical Devices, Catheter Manufacturing, Medical Device Manufacturing, Catheter Manufacturing Process, Cannula Manufacturing, Disposable syringe with Needle, IV Cannula Manufacture, IV Solutions Factory, Production of IV Catheter, Medical Disposable Products, How to Start IV Catheter Production Plant, C

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