

Production of Disposable IV Cannula and Catheters

Description:

Production of Disposable IV Cannula and Catheters, Intravenous Catheter Industry, Medical Plastic Device Business

The catheter is a thin sterilized tube made from medical grade materials and can offer a broad range of medical conditions. Catheters can also be inserted into a body cavity, duct or vessel for drainage, administration of fluids or gasses. Catheters used to access for surgical instruments and also to perform a wide variety of other tasks depending upon the type of catheter.

Intravenous or IV therapy is beneficial for several conditions and medical situations including dehydration, nutrition, shock, surgery, blood transfusions, chemotherapy and medication administration.

A small tube placed into peripheral vein in order to administer medication directly into the circulation is known as a peripheral intravenous (IV) catheter. In addition to medication administration, peripheral intravenous (IV) catheters are used to withdraw blood from veins for testing. Advanced peripheral intravenous (IV) catheters are equipped with additional safety features to avoid needle stick injuries. Due to their direct contact with the circulatory system, peripheral intravenous (IV) catheters are prepared with nonirritant material such as silicone, which do not have side effects even when peripheral intravenous catheters are left in contact with the circulatory system for several months or weeks.

The Indian market for peripheral intravenous catheters (PIVCs) is split up into 2 segments: conventional PIVC and safety PIVC. PIVCs are inserted in veins and arteries. An arterial access site is utilized in patients that require blood pressure monitoring. Firmer catheters are preferred for arterial access. A venous access site is utilized for infusing fluids, providing antibiotic treatment and other standard procedures. In 2016, safety PIVCs represented 12% of the total market for PIVCs, with the remaining balance represented by conventional PIVCs. Growth in the unit sales of advanced materials PIVCs is expected to drive gains in the share of safety PIVCs over the forecast period.

For more details download PDF file.

Keywords: IV Catheter Production, Manufacturing Business of Medical Disposables, IV Cannula Manufacturing Plant, IV Catheter Manufacturing, Catheter Manufacturing, Project Report on Manufacturing Medical Plastic Catheters, Intravenous Catheter Industry, IV Cannula, IV Cannulae, IV Canula, Manufacture Intravenous Catheter, Medical Disposable Product, IV Cannula Manufacture, Cannula, Catheter Manufacture, Infusion Therapy Product, How Catheter is made, I.V. cannula manufacturing, Project report for manufact

Created At: 07 Jun, 2018