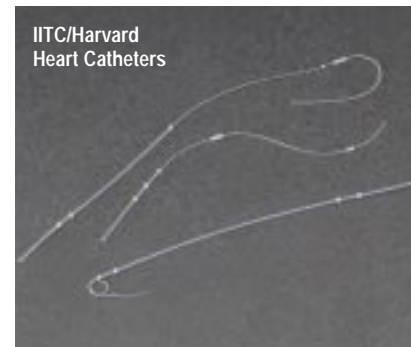
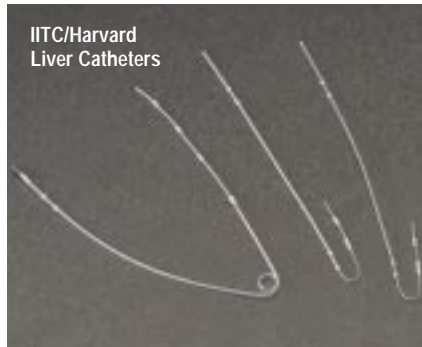
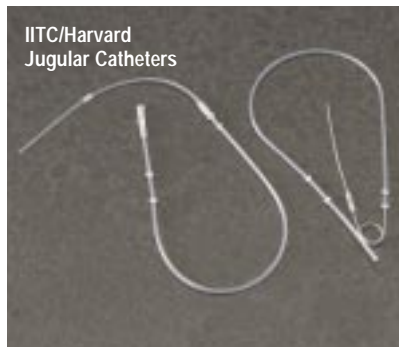


IITC/Harvard Indwelling Catheters



Rats prepared with chronically implanted catheters (cannulae) avoid possible adverse influences of anesthesia, acute effects of surgery, and stress from handling and restraint. Drugs can be administered by many routes; intravenously into the general circulation, into portal vein, or enterally into the small intestine. Non-irritating drugs can be given subcutaneously or intraperitoneally. Systemic venous blood (inferior or superior vena cava) and portal vein blood can be sampled. If pulmonary metabolism is not a factor, aortic cannula provides the equivalent of a mixed venous blood sample.

The IITC/Harvard catheters are manufactured using Polyethelene
The tubing size is

based on location and which diameter best suits the particular area. All the catheters have been developed with nodules in specific points as recommended tie off points or attachment points to the various areas within the rat. This aids in preventing the catheters from moving or slipping. Specific catheters such as the Aorta Catheter have a loop at one end. Depending on the catheter these loops have been designed as a "shock absorber." As the animal moves the loop absorbs the movement, thus reducing the chances of the catheter moving or coming out of the animal.

- Specialized catheters for intravenous, portal vein, and enterally delivery
- Administer non-irritating drugs subcutaneously or intraperitoneally
- Sample blood from inferior/superior vena cava or portal vein

Catalog No.	Product	Description
CGS 8776.64	Catheter, Rat Aorta	PE20, 150 mm long, PE10, cut for intravascular portion at 12 mm
CGS 8777.64	Catheter, Rat Bile Duct	PE60, 120 mm long, PE50, 110 mm long, 3/64 in shrink tubing 10 mm long.
CGS 8778.64	Catheter, Rat Jugular Vein	PE20, 170 mm long, PE10, 65 mm long, silicone rubber 37 mm long, 3/64 in shrink tubing, 3 mm long
CGS 8779.64	Catheter, Rat Portal Vein, Bevelled Tip	For injections or infusion: PE20, 170 mm long, PE10, 65 mm long, silicone rubber 37 mm long, 3/64 in shrink tubing, 3 mm long
CGS 8780.64	Catheter, Rat Portal Vein, Blunt Tip	For blood sampling: PE20, 75 mm long, PE10, 40 mm long, silicone rubber 25 mm long, shrink tubing 3/64 in 3 mm long
CGS 8781.64	Catheter, Rat Inferior Vena Cava	Via laparotomy: PE20, 50 mm long, PE10, 40 mm long, Silastic tubing 80 mm long
CGS 8782.64	Catheter, Rat Inferior Vena Cava	Via femoral and iliac veins: PE20, 100 mm long, PE10, 100 mm long, silastic tubing 70 mm long
CGS 8783.64	Catheter, Rat Intestine	Injections and Infusions: PE20, 75 mm long, PE10, 40 mm long, Silastic tubing 125 mm long
CGS 8784.64	Catheter, Rat Duodenum	PE60, 220 mm long, silicone rubber tubing 50 mm, 3/64 in shrink tubing 10 mm long, 1/16 in shrink tubing 3mm, 3/32 in shrink tubing 5 mm long
CGS 8784.64	Catheter, Rat Jugular Vein	PE20, 170 mm long, Silastic tubing 70 mm long
CGS 8786.64	Connecting Tubing	For the 22 to 26 gauge diameter tubing
CGS 8787.64	Catheter Plugs	To stop the ends of the catheters
CGS 8788.64	Trocar	For PE 20 Cannulae
CGS 8789.64	Trocar	For Hybrid Cannulae
CGS 8790.64	Trocar	For Cannulae
CGS 8791.64	Cannula Insertor	For use with 0.037 in OD Cannulae