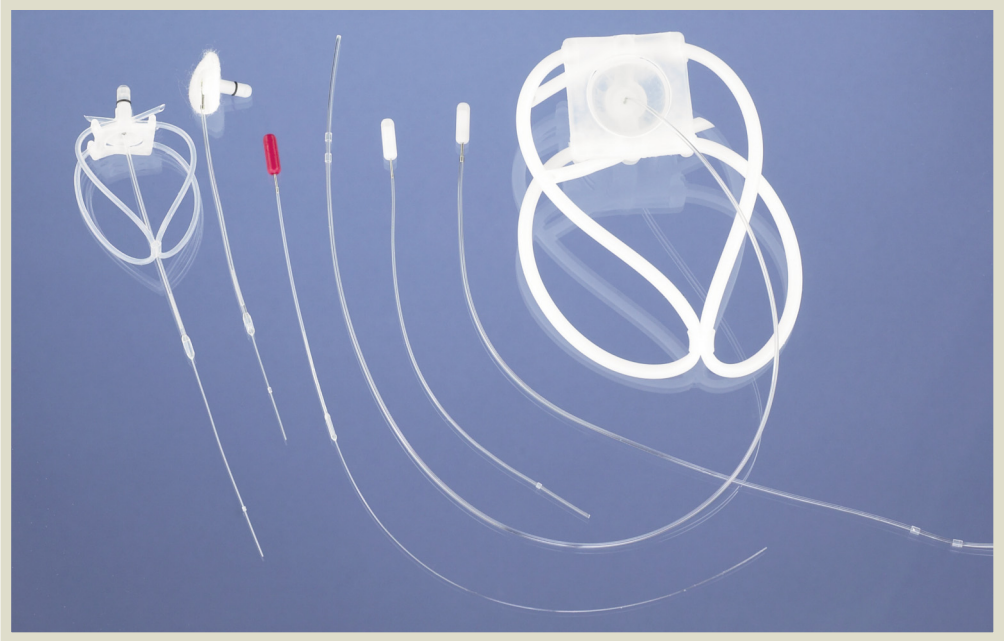
CATHETERS

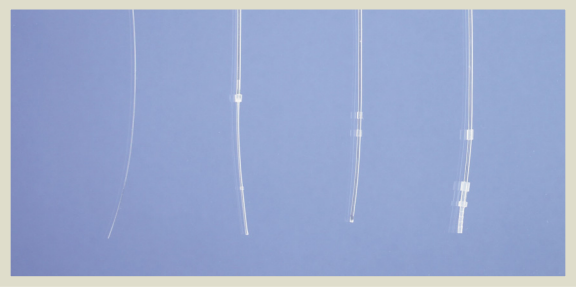
Instech is proud to introduce a completely new line of rodent catheters that have been designed and manufactured in collaboration with ReCathCo, a leading supplier of catheters for laboratory animal research.

Instech and ReCathCo developed these catheters around three principles: first, that each model should be designed for the indicated species and vessel; second, that the catheter should have an ideal fit with the external device to which it will be attached; and, third, that customization should be simple enough that every researcher can afford to have the insertion lengths and features that match his or her surgical techniques.

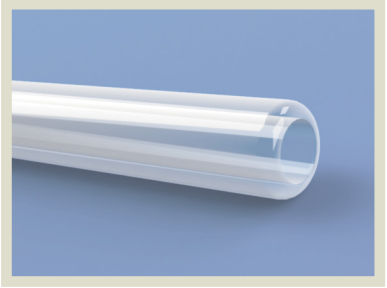
Catheters are provided EtO sterilized. Follow the links to browse Instech's complete library of catheters.



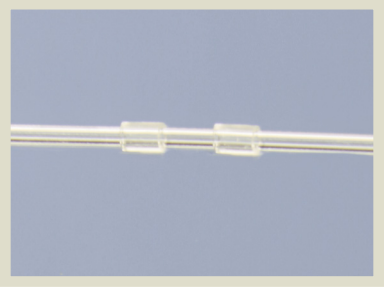
Instech catheters are made with tubing that has been specifically extruded to have the ideal fit on the 22ga and 25ga connectors on Instech's Vascular Access Harnesses (p 31), Buttons (p 36) and PinPorts (p 46).



Each model is designed with the features, sizes and lengths to match the intended species and vessel.

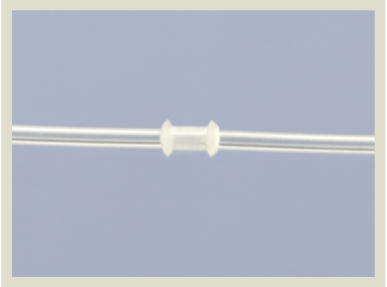


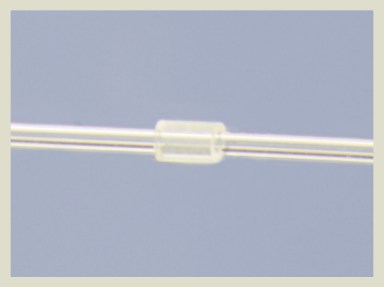
Most models feature rounded tips to reduce trauma to vessel lining, which can lead to improved patency compared to square- or bevel-cut tubing.



Collars, or suture bulbs, near the distal tip hold the catheter in place in the vessel. They can be movable, so that the surgeon can adjust them, or fixed.

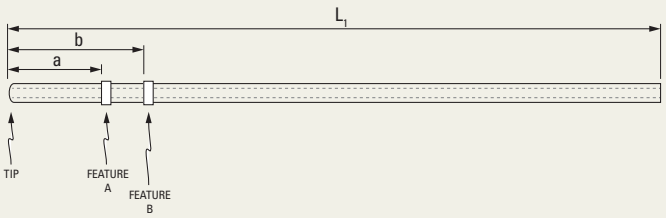
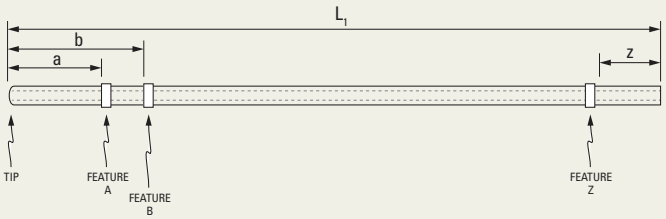
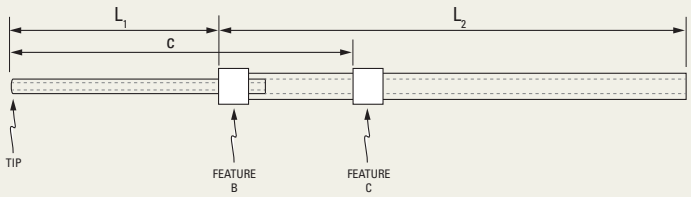
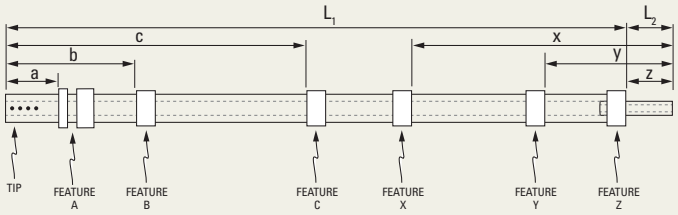
Two-piece catheters connect small anatomy to practical connectors. The distal end can be as small as 1Fr (0.35mm) for mouse vessels or even 32ga (0.25mm) for intrathecal catheterization, while the proximal end fits 22ga or 25ga connectors.





Spools or larger collars are often used to hold the catheter in place where it exits the skin.

Rat Catheters

Vessel	Part Number	Configuation	Specifications
Jugular Vein	C30PU-RJV1303		Material: Polyurethane Size: 3Fr (0.6x1.0mm) L1: 30cm Tip: rounded Features A, B: movable 1.3mm OD collars @ a=2.5cm, b=3.0cm Usage: catheterize, trim and connect to 22ga VAH, VAB or PinPort
Femoral vein	C30PU-RFV1303		Material: Polyurethane Size: 3Fr (0.6x1.0mm) L1: 19cm Tip: rounded Features A, B, Z: movable 1.7mm OD collars @ a=4.5, b=7, z=3cm Usage: catheterize, connect to 22ga VAH, VAB or PinPort
Carotid Artery	C19PU-RCA1301		L1 Material: Polyurethane L1 Size: 1.9Fr (0.3x0.6mm) L1: 3.5cm Tip: rounded Feature B: 1.7mm OD collar @ 3.5cm Feature C: 1.7mm OD collar @ c=8cm L2 Material: Polyurethane L2 Size: 3Fr (0.6x1.0mm) L2: 13cm Usage: catheterize, trim and attach to 22ga VAH, VAB or PinPort
Bile Duct	C33PU-RBD1302 ReCathCo PN: 0117EO		L1 Material: Polyurethane L1 Size: 3.3Fr (0.6x1.1mm) L1: 29cm Tip: silicone with perfusion holes, square end Feature A: pair of 2mm OD collars @ a=.75cm Features B, C, X, Y, Z: 1.7mm OD collars @ b=2.7, c=12, x=12.5, y=3.6, z=1.0cm L2 Material: Polyurethane L2 Size: 1.9Fr (0.3x0.6mm) L2: 1cm Usage: catheterize duodenum with end with holes, bile duct with 1.9Fr end, cut between C and X, attach to primed VAHD115AB harness with VAHD115L loop connector

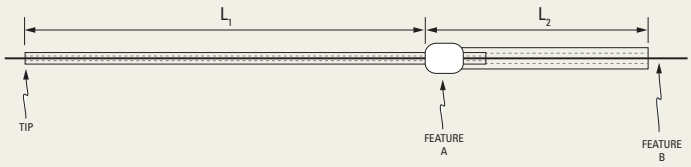
For pricing and other rat JVC designs see: www.instechlabs.com/Infusion/catheters/ratjugularveincatheters.php

For pricing and other rat FVC designs see: www.instechlabs.com/Infusion/catheters/ratfemoralveincatheters.php

For pricing and other rat CAC designs see: www.instechlabs.com/Infusion/catheters/ratcarotidarterycatheters.php

For pricing and other rat BDC designs see: www.instechlabs.com/Infusion/catheters/ratbileductcatheters.php

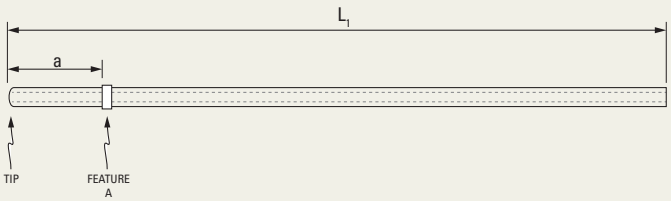
Rat Catheters (continued)

Vessel	Part Number	Configuation	Specifications
Intrathecal	C08PU-RIT1301 ReCathCo PN: 0046EO		L1 Material: Polyurethane L1 Size: 0.8Fr (32ga, 0.13x0.25mm) L1: 12cm Tip: square Feature A: fixed collar, 0.9mm ODx4mm long L2 Material: Polyethylene L2 Size: 1.8Fr (0.6x0.4mm) L2: 6cm Feature B: PTFE coated stylet Mates with: 27ga luer stub (included) or 25ga PinPort (not included)

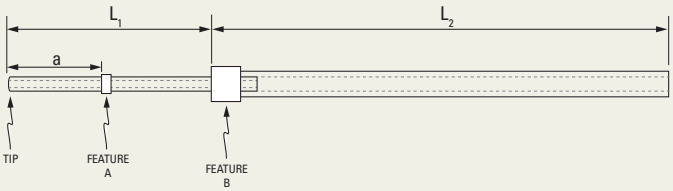
For pricing and other rat intrathecal catheter designs see: www.instechlabs.com/Infusion/catheters/ratintrathecalcatheters.php

The 32ga rat intrathecal catheter mates with a 25ga PinPort (p 46) to create a closed, low-volume system for intermittent CSF sampling or dosing.

Mouse Catheters

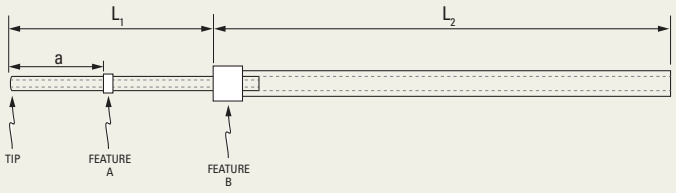
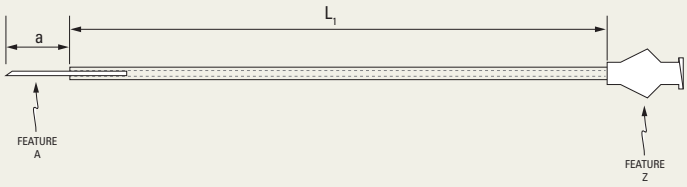
Vessel	Part Number	Configuation	Specifications
Jugular Vein	C20PU-MJV1301		Material: Polyurethane Size: 2Fr (0.4x0.7mm) L1: 20cm Tip: rounded Features A: movable 0.9mm OD collar @ a=1.3cm Usage: catheterize, trim and connect to 25ga mouse VAH, VAB or PinPort

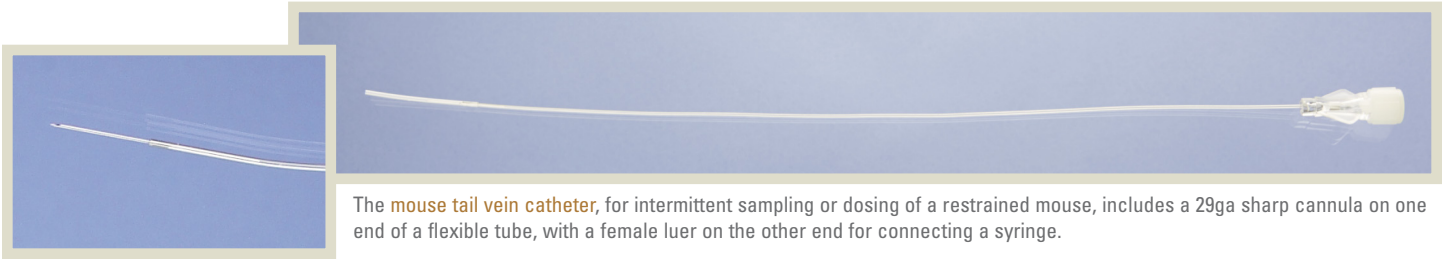
For pricing and other mouse JVC designs see: www.instechlabs.com/Infusion/catheters/mousejugularveincatheters.php

Femoral Vein / Artery	C10PU-MFV1301		L1 Material: Polyurethane L1 Size: 1Fr (0.18x0.35mm) L1: 5cm Tip: rounded Feature A: movable 0.6 mm OD collar @ a=1.2cm Feature B: fixed 1.7mm OD collar L2 Material: Polyurethane L2 Size: 3Fr (0.6x1.0mm) L2: 5cm Usage: catheterize, trim and attach to 22ga mouse VAH, VAB or PinPort

For pricing and other mouse FVC designs see: www.instechlabs.com/Infusion/catheters/mousefemoralveincatheters.php

Mouse Catheters (continued)

Vessel	Part Number	Configuation	Specifications
Carotid Artery	C10PU-MCA1301		L1 Material: Polyurethane L1 Size: 1Fr (0.18x0.35mm) L1: 2.5cm Tip: rounded Feature A: movable 0.6 mm OD collar @ a=1.1cm Feature B: fixed 1.7mm OD collar L2 Material: Polyurethane L2 Size: 3Fr (0.6x1.0mm) L2: 5.5cm Usage: catheterize, trim and attach to 22ga mouse VAH, VAB or PinPort
For pricing and other mouse CAC designs see: www.instechlabs.com/Infusion/catheters/mousecarotidarterycatheters.php			
Tail Vein	C10SS-MTV1301 ReCathCo PN: 0099EO		L1 Material: Pebax L1 Size: 0.3x0.8mm L1: 25cm Feature A: 29ga sharp stainless steel cannula with needle guard a=1.2±0.2cm Feature Z: acrylic female luer hub with cap Usage: insert directly into tail vein of restrained mouse
For pricing and other mouse tail vein cannula designs see: www.instechlabs.com/Infusion/catheters/mousetailveincatheters.php			



The mouse tail vein catheter, for intermittent sampling or dosing of a restrained mouse, includes a 29ga sharp cannula on one end of a flexible tube, with a female luer on the other end for connecting a syringe.