charles river

SURGICAL SERVICES - NORTH AMERICA

# Vena Cava - Femoral Vein Catheter

## Surgery Code: VENACAVA-FV

The femoral vein catheter is of benefit to preclinical or research studies as it allows for easy and/or repeated intravenous access without the need for anesthesia. This surgery can be used for manual dosing and/or sampling and as a means for long-term infusion using automated equipment.

### Animal Models

Typical selections are listed below; however, choices for strain, age and weight may be limited due to model anatomy and/or physiological conditions.

- Rats: male/female, any strain, weight > 150 g

### Procedure Details

- **Perioperative care:** Please view our Pre- and Postoperative Care Sheet, which can be found at www.criver.com/opcare.
- **Housing:** The animals must be singly housed.
- **Diet:** No special diet is required.
- **Postoperative holding period:** At a minimum, post-op animals are held overnight, with the majority of animals shipping within 5 days of surgery.
- **Maintenance:** Incision wound clips should be removed 7-10 days after surgery. Any wound clip used to secure a catheter needs to be replaced every 7-10 days. Catheters should be maintained following the Charles River Handling Instructions, which can be found at www.criver.com/handling.

### Surgical Summary

A catheter is inserted into the femoral vein and advanced into the vena cava per customer-specified location. A ligature is subsequently tied around the cannulated vessel to fix the catheter in place. The catheter is tunneled subcutaneously to the dorsal incision, exteriorized in the scapular region and secured using wound clip or alternative methods per request.

### IACUC

The Charles River Institutional Animal Care and Use Committee (IACUC) governs the entire surgical process, including all anesthesia, analgesia, animal preparation and any postoperative holding in Charles River facilities prior to shipment. Review of experimental protocols, authorization to order animals that are surgically modified from Charles River, and all aspects concerning the use of animals after they arrive at the institution are the responsibility of the receiving institution's IACUC.

### Contact Us

For more information, visit www.criver.com/surgery. For specific surgery-related questions, please contact our technical experts at 1.877.CRIVER.1 (1.877.274.8371) or askcharlesriver@crl.com. To place an order or get a quote, contact our Customer Service Department at 1.800.LABRATS (1.800.522.7287).

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