



Osmotic Pump

Surgery Code: IMPLANT2

The osmotic pump is an accessory that can be added to most models of catheterization/cannulation surgery, depending upon the species. The chosen catheterization/cannulation type will dictate the animal's age/weight and post-op holding time.

Animal Models

Typical selections are listed below. For all models, weight is dictated in the specifications for the selected catheterization/cannulation type. Please refer to the appropriate catheterization/cannulation surgical summary document for details.

- Rats: male/female, any strain
- Mice: male/female, any strain
- Guinea pigs: male/female, any strain
- Hamsters: male/female, LVG Golden Syrian
- Gerbils: male/female, Mongolian

Procedure Details

- **Perioperative care:** Please view our Pre- and Postoperative Care Sheet, which can be found at www.criver.com/opcare.
- **Housing:** The animals can be group housed.
- **Diet:** No special diet is required.
- **Postoperative holding period:** Please refer to the appropriate surgical summary.
- **Maintenance:** Incision wound clips should be removed 7-10 days after surgery.

Surgical Summary

The osmotic pump is filled with the testing agent. The procedure for catheter/cannula is completed as described in the appropriate surgical summary document. The end of the catheter tubing is connected to osmotic pump, and the pump is placed subcutaneously per customer specification.

The customer must provide information on the agent that will fill the osmotic pump in order for the agent to be safely introduced into our surgical suites. This measure preserves biosecurity, protects personnel, and allows us to evaluate any potential effects the agent may have on the animal's health that might affect its transport.

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 the 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).