



Ovariectomy

Surgery Code: OVARIEX

The ovariectomy is of benefit to preclinical or research studies related to the effect of estrogen on physiological metabolism, osteoporosis and sexual behavior.

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: female, any strain, age \geq 21 days old
- Mice: female, any strain, age \geq 21 days old
- Hamsters: female, Golden Syrian, age \geq 21 days old
- Gerbil: female, Mongolian, age \geq 21 days old
- Guinea pigs: female, any strain, age \geq 21 days old

Procedure Details

- **Perioperative care:** Please view our Pre- and Postoperative Care Sheet, which can be found at www.criver.com/opcare.
- **Housing:** The animals may be group 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 7 days of surgery.
- **Maintenance:** Incision wound clips should be removed 7-10 days after surgery.

Surgical Summary

In rats, mice, hamsters and gerbils, a small dorsal midline incision is made. In guinea pigs, two small dorsal

incisions are made parallel to midline. In all animals, the abdominal cavity is entered via a blunt puncture through the abdominal wall. The ovary (and the attached fat pad) is then individually pulled out of the abdominal cavity. The fallopian tube is cauterized, and the ovary is dissected. The fat pad and tissue are returned to the abdominal cavity, and the process is repeated on the opposite side. The skin incision is closed with wound clips.

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).