

VASECTOMY

ORDER CODE: VASEX

SPECIES: Rat, Mouse

DIET SUPPLEMENT: None required

This procedure involves the removal of a piece of each vas deferens in male animals.

Surgical Procedure

The animal is prepared for surgery using preoperative and anesthetic procedures as described in Charles River Laboratories *Reference Paper* Vol. 13 #1, 2005. A longitudinal incision is made in the skin proximal to the penile sheath. Using blunt dissection, a hemostat is tunneled subcutaneously lateral to the skin incision in order to penetrate the abdominal musculature and to enter the abdominal cavity. The vas deferens are gently grasped and exteriorized. A 0.5cm section of vas deferens is cut out and removed. The two cut ends are then placed back into the abdomen. The process is repeated tunneling laterally on the other side of the skin incision in order to enter the abdominal cavity. Once both vas deferens have been severed, the skin incision is closed with wound clips.

IACUC

Charles River's Institutional Animal Care and Use Committee (IACUC) governs the entire surgical process, including any postoperative holding in Charles River facilities prior to shipment. The receiving institution's Animal Care and Use Committee, investigators, and animal care staff are responsible for the well-being of the animal subsequent to its arrival. Justification for use of surgically-modified animals, review of experimental protocols, authorization to order animals that are surgically modified from Charles River, and all aspects concerning the use of surgically-modified animals after they arrive at the institution are the responsibility of the receiving institution's IACUC.

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