

DUODENAL CATHETERIZATION

ORDER CODE: DUODCANN

SPECIES: Rat, Mouse

DIET SUPPLEMENT: None required

This procedure involves the surgical placement of a catheter into the duodenum to allow for injection of materials.

Surgical Procedure

The animal is prepared for surgery following pre-operative procedures described in our *Surgical Capabilities Reference Paper*, Vol. 13, No.1, 2005. The animal is fasted for at least 12 hours, but not longer than 24 hours. An abdominal midline incision is made to expose the duodenum. A purse-string suture is placed in the duodenum just below the pylorus with silk suture. An incision is made within the purse-string suture into the duodenum. The catheter is inserted into the duodenum and secured with the suture. The catheter is tunneled subcutaneously and exteriorized at the scapula region. The abdominal incision is closed with suture and wound clips. The catheter is filled with sterile saline and plugged. The excess length of catheter is tucked into the subcutaneous skin pocket. The catheter plug is secured to a wound clip.

IACUC

Charles River's Institutional Animal Care and Use Committee (IACUC) governs the entire surgical process, including any post-operative holding in CRL 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 at their institution. 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.