

INTRATHECAL CATHETERIZATION

ORDER CODE: THECALCAN
SPECIES: RAT
DIET SUPPLEMENT: NONE

This procedure involves catheterization of subdural space for dosing purposes.

Surgical Procedure

The animal is prepared for surgery using pre-operative and anesthetic procedures as described in our *Surgical Capabilities Reference Paper*, Vol. 13, No.1, 2005. A midline incision is made on the dorsal neck starting just below the occipital crest. Muscles are bluntly dissected to expose the atlanto-occipital membrane. A small incision is made into the membrane. A catheter is inserted through the incision and passed caudally to the target area. The catheter is secured to the muscles and locked with artificial cerebral spinal fluid. 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 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. 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.

March 2002