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Queen's University

Principal Investigators, Research Staff, Veterinary Staff

The purpose of this Standard Operating Procedure (SOP) is to describe the methods used to practice aseptic surgical techniques in mice

Animal Care Services, Principal Investigator subcutaneous, intravenous, intraperitoneal intramuscular, per os per rectum

Asepsis refers to the state of being free from biological contaminants which could cause infection. To practice aseptic technique refers to the action of working within a sterile field to prevent infection.

To maintain good aseptic technique, the following (Halstead) principles should be adhered to:

- Strict asepsis during preparation and surgery.
- Good haemostasis during the procedure to limit infection rate.
- Minimize tissue trauma.
- Good surgical judgment to ensure the elimination of dead space and adequate removal of material.
- Minimize surgery



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Don clean lab coat/gown.

Don surgical gloves using sterile technique.

**One pair of sterile gloves can*

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Gibson Karen, Donald Alan W, Hariharan Harihar, McCarville Carole. *Comparison of two pre-surgical skin preparation techniques.* Can J vet