

LARAC SURGERY ROOM

I. Purpose

- A. To define the procedures for setting up the LARAC surgery room and post-operative cleaning of the room to ensure an appropriate environment for non-rodent mammal surgery.

II. Responsibility

- A. The veterinarians oversee all aspects of animal health, and are assisted by LARAC staff.
- B. The LARAC veterinary technician, along with the LARAC staff, is responsible for overall maintenance of the LARAC surgery area.

III. Procedures

- A. Surgery Room Set-up
 - 1. Required personal protective equipment (PPE) must be worn before entering the surgery room.
 - a. Hair net
 - b. Mask
 - c. Booties
 - 2. Steps 5-12 under post-operative clean-up must be performed if a sufficient length of time has passed between the last sanitization.
- B. Surgery Pack Set-up
 - 1. Location of sterile supplies: All sterile surgical supplies are located in the stainless steel cabinet the scrub sink room A1742. Small items are located on the top shelf (gloves, suture material, small individual instruments) and sterile packs are located in the bottom of the cabinet. Sterile prep basins, gowns, towel packs, drapes, and instrument packs are located in this area. Collect what instruments/packs are needed for the surgery.
 - 2. Pack placement in surgery suite:
 - a. Place any suture material, scalpel blades, and small individual items on the rolling cart by the surgery table that has the scalpel blade remover and sharps container on it.
 - b. Place a drape pack on the large Mayo stand.
 - c. Place the instrument pack on the smaller Mayo stand.
 - d. Place gown packs in first quadrant to the right , 1 glove and gown pack for each table
 - e. Sterile Prep Basin bowl(s) are placed on the adjacent surgery table. A sterile chlorhexidine hand scrub packet and a NEW bottle of sterile water is placed beside the bowls. A pair of

sterile gloves is placed next to the prep basin supplies for the person performing the scrub.

- f. Any extra packs are set on the same adjacent surgery tables as the prep basin supplies.

C. Miscellaneous Set-up

1. Surgery table – has a large heating pad on table, covered by 2 blue pads. Blue pads are located in a drawer of the anesthesia machine.
2. Place a small black garbage bag in a kick bucket and an orange biohazard bag in the 2nd kick bucket. These bags are located in the bottom of the anesthesia machine.
3. Surgical tie downs – these are hanging on the wash rack inside the scrub sink room. Place four blue tie-downs on each corner of the surgery table.

D. Anesthesia Machine Set-up

1. Plug in green oxygen hose and black vacuum hose to the wall outlets.
2. Check machine for Isoflurane level, refill if needed (Isoflurane is located in the lower locked cabinet the exam glove cabinet). Use the following steps:
 - a. You have to use the refill tube located in the top drawer of the anesthesia machine. Screw off the iso cap and screw on the refill tube. (Purple and clear tube)
 - b. Place small purple end of the tube inside the square chamber on front of the iso vaporizer and tighten down the bolt on top of the chamber to tighten the seal of the refill tube.
 - c. Next unscrew the bolt located under the tip of the refill tube that is inside the machine. This allows the iso to flow inside the chamber and refill the unit.
 - d. Once it is full, repeat those steps in last to first.
3. Check the soda sorb and number of hours used. Double canister units are good for 6 total hours. If 6 hours are used or soda sorb is purple in color, it needs to be changed. Use the following steps:
 - a. Unscrew large bolt under the canister holder until it stops.
 - b. Remove both canisters from the unit and empty contents into trash.
 - c. Refill both canisters with new soda sorb located by the microwave cart in the scrub sink room. It is a 5 gallon bucket.
 - d. Place both canisters back into the unit.
 - e. Tighten the bolt under the canister holder until it is tight and the canisters are properly sealed back into that lip.
 - f. Replace the tape on the side of the canister with the change-out date, 6 squares (each hour), and your initials.
4. Get a Y hose from the wall wash rack in the scrub sink room. Hook each hose end on the inspiration and expiration port,

allowing the 1 end piece (where the hose joins together) to hook up to the patient.

5. Get the proper bag size for your patient. These are located on top of the sterile supply cabinet inside the scrub sink room, inside the clear drawer labeled anesthesia bags. This attaches to the bottom port of the soda sorb canister unit.
6. Once all things have been checked, attached, changed, and filled it is time to turn on the unit and pressure check it.
 - a. Turn switch on machine face to “on” position. You will hear the machine filling with oxygen.
 - b. Hold the end of the Y piece hose against the palm of your hand to seal it off. Next turn the oxygen flow meter all the way up.
 - c. Screw the pop off valve all the way closed to close off the circuit to the vacuum unit.
 - d. Watch the bag to fill and check your pressure gauge on the soda sorb canister unit to ensure the pressure rises and holds at 20 or greater.
 - e. If pressure does not hold, you may have a leak in the seal against your hand, your bag, Y tube, or your soda sorb canisters may not be sealed off correctly. Recheck all areas and try again.
 - f. If pressure holds, then release pressure against your hand, turn off oxygen, and re open pop off valve.

E. Post-operative clean up

1. Required personal protective equipment (PPE) must be worn before entering the surgery room.
 - a. Hair net
 - b. Mask
 - c. Booties
2. Remove all sharps items from surgical instruments (e.g., scalpel blade and needles). Place sharps material in red sharps container.
3. Remove all soiled material such as blue pads, gauze, etc. Place in an orange biohazard bag. Extra bags are located in the bottom drawer of the anesthesia machine in the surgery room.
4. Remove surgical instruments from the room and place in the treatment room. Remove all surgical material such as towels, gowns, and drapes and place in a black garbage bag. Label a piece of tape “LARAC” and place on the bag. Extra bags are located in the bottom drawer of the anesthesia machine in the surgery room.
5. Once all surgical objects are removed from the room, clean any remaining soiled items (table, floor, and wall) with disinfectant and wipe up with paper towels.
6. After all areas are dry, dry swiffer the floors, starting from surgery point to the door. Then swiffer the scrub sink room. The swiffer pads are located in the second drawer under the microwave in the

scrub room. The handle is by the mop bucket. Return when finished.

7. Fill Quat 256 in the pump sprayer from fill station in room A1739. The sprayer is a 1 gallon tank. Next pump the sprayer, making sure the spray nozzle is on a fine mist. Then start spraying in the surgery point first. Start with the walls, the surgery light, anesthesia machine, surgery table, mayo stands, stools, kick buckets, and finally the items touching the floor. Get both sides of the doors as well. Next spray the floor. Move to the scrub sink room. Start from the walls and work down to the floor.
8. After spraying Quat 256, use paper towels from the paper towel dispenser to wipe down anesthesia machine, all stainless steel items, lights, and doors/windows. **Be sure to work from the highest items down to the floor items being last.**
9. Next it is time to mop. The mop head is located in the side drawer under the microwave. Fill the mop bucket with Quat 256 (Fill the stainless steel bucket under the microwave from the fill station and transport to the mop bucket). Begin to mop the floor from the surgery point to the door, and then mop the scrub sink room. Place the mop head in the dirty laundry. Dump the mop bucket in a scrub sink and rinse any remaining debris from it. Place the mop handle in the bucket and place back in the corner. **Do not remove it from this room!!!**
10. Vent the pump sprayer to relieve any pressure build up. Empty all Quat 256 from the sprayer and fill with clean water. Pump sprayer to create pressure, then spray to clean any Quat 256 water from the hose and nozzle. Once finished, open sprayer, empty water, and place sprayer in mop bucket for storage.
11. Sign the sanitization log book. Remove the sanitization sign for the door from the front pocket of the book.
12. Lock the main doors and place sanitization sign on door.
13. Label a piece of tape "LARAC" and place on the surgery instruments. Take instruments and surgical material bag to the laundry in the basement to be sterilized.
14. Take out all garbage and replace bags. Take biohazard bag of soiled items to lab services for disposal. Fill out the proper paperwork (bright green sheet) at lab services. An example is provided in this SOP.