

## **Course description for the Introduction to Surgery and Post-op Care Wet Lab**

**Instructor:** Animal Health Technician

**Session Dates:** Once a month, see on-line training schedule.

**Session Length:** 6 hour

**Who Should Attend:** All students and researchers who will be responsible for or participating in survival surgeries on rodents or rabbits.

**Prerequisite:** Animal User Training Course or equivalent, Facility Orientation, an Introduction Wet Lab for the species being used and the Anesthesia & Analgesia Wet Lab: Rodents.

### **Training Session Objectives:**

1. To learn how to prepare yourself as a surgeon.
2. To learn how to prepare the patient for surgery.
3. To learn how to prepare packs for the autoclave.
4. To learn basic instrumentation and suturing.
5. To understand the importance of sterile technique and be able to maintain a sterile field during the surgery.
6. Perform a rat nephrectomy and apply basic surgical skills.
  - a. Make an incision
  - b. Perform blunt dissection
  - c. Gentle tissue handling
  - d. Maintain tissue hydration
  - e. Maintain hemostasis
  - e. Close an incision
7. To learn how to conduct yourself as a non-sterile assistant and apply anesthetic monitoring skills.
8. Administer appropriate post-operative care.

**Rooms Required:** Operating room

**Min/Max # of People:** 1 to 2