Consulting

DLAR veterinary staff is available for consultations regarding your project. This includes the choice of model, research methodology, appropriate anesthetic and analgesic regimens, regulatory compliance, and pricing for grant submissions.

How do I become a client?

Contact us via phone or email. We can set up a consultation to determine the scope of your project and provide an estimate of service costs, and timeline.

For Study Quotes or Scientific Inquiries
843-876-5202
843-876-5207
DLARDiag@musc.edu

Medical University of South Carolina
114 Doughty St., Ste 648
MSC 777
Charleston, SC 29425
Phone: 843-876-5212
Fax: 843-876-5210
E-mail: dlardiag@musc.edu
Surgical Services

The department of comparative medicine provides access to surgical facilities to meet every research need. We have specialized equipment for small and large patients. There is also a mobile small surgery cart that is available for rent.

The surgical research lab (SRL) at MUSC provides a centralized surgical and perioperative care program for all translational models. It is staffed and managed by veterinary technicians and veterinarians.

Our staff handle every aspect of the surgical procedures including preoperative treatment, intraoperative services and postoperative recovery. Historically, greater than 800 survival surgical procedures are performed annually in the laboratories.

The program and facility are fully accredited by the Association for Assessment and Accreditation of Laboratory Animal Care, International (AAALAC).

Technical Services

We support survival and non survival surgeries for research as well as various teaching labs that include laproscopic, endoscopic, endovascular and general surgeries. Additionally, surgical services also provide training in routine and specialized anesthetic services, such as cardiopulmonary bypass. Our main goal is to ensure that each patient receives proper care and is treated humanely, while still providing a constructive and successful research and teaching environment to MUSC investigators and outside entities. Our veterinary faculty and staff can assist with all procedures required for research studies. We have experience and expertise in numerous device studies encompassing all systems.

Procedures include, but are not limited to, the following:
- General handling
- Injections (multiple sites possible)
- Surgical and aseptic techniques
- Blood collection (multiple sites possible)
- Gavage
- Anesthesia– administration and support
- Surgical support
- Perioperative care

We have faculty with specialization in Laboratory Animal Medicine, Veterinary Surgery and Pathology available for consulting and collaborating.

Other Services

- Physician training
- Conference wet labs
- Feasibility
- Product development
- Laboratory testing (hematology, blood chemistry, urinalysis, blood gas, bacterial cultures)
- Tissue sampling
- Complete Necropsies and histological analysis
- Blood gas analysis
- Radiography
- Fluoroscopy

Experience

- Subcontractor on numerous SBIR/STTR grants
- Corporate non-clinical research awards
- Outcomes have been successfully submitted and FDA approval attained