

# Surgical Services

Helping you Reach Your Surgical Goals

## Surgical Training

Whether your goal is to learn the basics or fine-tune your already sharpened skills, our surgical team is here to help. DSI recognizes that surgical proficiency is critical to successful physiologic monitoring with telemetry. We offer customized training options on multiple procedures for a variety of animal models to address your training needs. Training can take place at your facility or at our in-house laboratory in St. Paul, MN. Both options provide the flexibility you need to ensure you maximize your time and investment.

### Deliverables

- |  |
|--|
| Customized surgical training to fit your needs                   |
| Dedicated 1:1 time with DSI surgeons                             |
| Hands-on practice and live demonstrations                        |
| Surgical troubleshooting techniques and recommended product care |

## Surgery as a Service

Sometimes it's not the procedure, but time that is the issue. Even if you've mastered the surgical techniques for DSI telemetry devices, surgical implantation still takes time. When doing large volumes of surgeries, or complex procedures, you may just wish you had an extra pair of hands. We understand, and our experienced DSI Surgeons are ready to help.

### Deliverables

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|--|
| Proven surgical techniques for DSI telemetry devices                         |
| Experienced DSI surgeons, certified through the Academy of Surgical Research |
| Reliable animal outcomes for study execution and success                     |
| Collaborative surgery schedule to support your study plans                   |
| Increased success rates using surgical best practices                        |



# Pre-Implanted Animal Services

Our comprehensive program offers advanced technology systems, on-staff veterinarians, and experienced DSI surgeons to deliver healthy animals implanted with DSI telemetry devices for your research. We offer an array of pre-implanted small animal options to successfully collect physiologic parameters.

Our team will work closely with you to understand your scientific goals, provide consultation, and optimize a custom solution that meets your needs. We believe that experience matters.

Deliverables
DSI coordinates and manages all related activities from order placement to delivery
Animals sourced to meet your exact specifications
Optimal telemetry signals guaranteed
Dedicated support to ensure successful outcomes
Simplified process to ensure a complete and convenient solution

When you work with the Scientific Services team, you'll have the assurance that your study needs can be promptly delivered. With DSI Surgical Services, you will have the coaching and surgical assistance you need to achieve telemetry research success.

Email us at [ScientificServices@datasci.com](mailto:ScientificServices@datasci.com) and schedule a complimentary consultation today to learn how our team can accelerate your research.

## *Surgical Services include but are not limited to:*

### **Systemic Blood Pressure**

- Abdominal Aorta
- Femoral Artery
- Carotid Artery

### **Temperature only Devices**

### **Biopotential Lead Placement**

- ECG
- EEG
- EMG

### **Respiratory Impedance**

- Large animal only

### **Cardiac Pressures**

- Left Ventricular
- Right Ventricular
- Pulmonary Artery

### **Pleural Pressure**



#### **Data Sciences International**

119 14th St NW, Suite 100  
St. Paul, MN 55112 U.S.A.  
Tel: 651-481-7400  
Fax: 651-481-7404

**Global Sales:** [sales@datasci.com](mailto:sales@datasci.com)

**Technical Support:** [support@datasci.com](mailto:support@datasci.com)

**Web:** [www.datasci.com](http://www.datasci.com)



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