



Remote physiological monitoring via implantable telemetric devices

INSTRUCTOR RESUME



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BENEFITS OF THE TUTORIAL

This tutorial will present current techniques and materials available to collect data from free moving animals via implantable radio-telemetry devices developed and manufactured by Data Sciences (DSI).

The DSI implantable telemetric devices allow researchers to collect data parameters such as: Temperature, Pressure (blood pressure, bladder, intra-ocular, left-ventricular, etc), Bio-potential signals (ECG, EEG, EMG, EOG), Respiration Rate, and Motor Activity, etc.

FEATURES

This tutorial will review:

- The basic techniques for surgical implantation of the telemetric devices.
- Considerations for system set-up.
- New products for large and small animals.

AUDIENCE

This tutorial is intended for a general basic presentation of the telemetry products and overview of the surgical techniques.