

NEW EFFICIENCIES WITH PRE-IMPLANTED ANIMALS

Through a collaborative program between Data Sciences International (DSI) and Charles River Laboratories (CRL), you can now save time, money, and resources by using CRL's research models that have been pre-implanted with DSI telemetry units.

By ordering animals from CRL's Surgical Services Group pre-implanted with your DSI telemetry units, you can start studies on schedule with limited internal coordinating efforts and resources. As a result of being held for a minimum postoperative period before shipping, animals pre-implanted by CRL arrive fully recovered. Following a short acclimation period in your laboratory, the animals are ready to start on a data collecting study.

CRL's Surgical Services Group provides surgically altered rodents from multiple locations, which allows the investigator access to over 56 stocks and strains of CRL animals. In recent years, CRL's Disease Models Group has focused on adding specific models to the portfolio, including those of special interest to physiological and pharmacological researchers as noted in the table below.

Characteristic	Dahl/SS	DIO	Fawn Hooded	SHHF	SHR	SHROB	Stroke Prone	ZDF	ZSF ₁
Insulin Resistance	+	+	-	+	+	+	+	+	+
Hyperinsulinemia	+	+	-	+	+	+	+	+	+
Hypertension	+	+	+	+	+	+	+	-	+
Obesity	-	+	-	+	-	+	-	+	+
Hypertriglyceridemia	+	+	+	+	+	+	+	+	+
Hypercholesterolemia	+	-	+	+	+	+	+	+	+
Nephropathy	+	-	+	+	-	+	+	+	+

+ Exhibits the characteristic

- Does not exhibit the characteristic

Surgical Services

With a simple call to either Charles River Laboratories' or Data Sciences International's Customer Service Department, you can begin seeing the advantages of buying rodents pre-implanted with DSI telemetry devices.

- Eliminate surgical training and preparation time for difficult surgical procedures
- Reduce or eliminate in-house surgical costs
- Avoid post-op recovery costs and time
- Increase surgical success rates with improved outcomes
- Optimize use of staff's expertise & time
- Quicker starts, more studies, and better use of your core resources



For more information, please contact us.
1.877.CRIVER.1 • www.criver.com

NEW EFFICIENCIES WITH PRE-IMPLANTED TELEMETRY

Now, through a collaborative effort between Charles River Laboratories' Research Model Surgical Services Group and Data Sciences International (DSI), you can save significant time and money using pre-implanted telemetry.

Avoid the Costs and Delays of Surgeries

By ordering pre-implanted telemetry rodents from Charles River Laboratories, you can start studies sooner, without the time, expense, or potential complications of surgeries. There's no learning curve for difficult procedures, and you can start collecting study data as soon as the animals are acclimated to your lab environment.

Accomplish More in Less Time

With pre-implanted telemetry, you can maximize efficiencies. Without surgery and post-op recovery, you'll have extra time for research and will be able to accomplish more without increasing your staff. With DSI and Charles River you can even set up a program where you are continually supplied pre-implanted animals on a pre-planned schedule. If necessary, you can end one study and begin your next study immediately.

About Data Sciences International

Data Sciences International is the global leader in implantable telemetric physiologic monitors, serving contract research organizations, pharmaceutical manufacturers, and academic research institutions. Since its inception in 1984, DSI has been dedicated to providing the most advanced and reliable implantable telemetry available for biomedical monitoring. DSI utilizes the best people, processes, and tools to expedite your study and enhance your decision-making through higher quality data.

Benefits of DSI Telemetry

DSI telemetry systems provide a reliable, cost-effective means of physiological monitoring.

- Stress-induced artifact is significantly reduced.
- Measurements are free from the effects of anesthesia.
- Physiological measurements can be recorded around-the-clock.
- Decreases the cost of many protocols by increasing efficiency of animal use



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