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For Immediate Release

### **DSI Becomes Distributor for New Implantable Micro Infusion Pump**

**Saint Paul, Minnesota, June 11, 2010** – Data Sciences International (DSI) is the global leader in wireless physiologic monitoring of freely moving laboratory animals and is the platform of choice for life science researchers worldwide. DSI has now become a distributor of a new device, the iPRECIO®. The iPRECIO® is the world's first implantable, programmable and refillable micro infusion pump.

This new infusion pump can be implanted subcutaneously in small laboratory animals; therefore, the animals are able to move freely during the drug infusion. Also, risk of infection is reduced and the animals are less likely to be stressed than if using a tethered infusion model.

The iPRECIO® pump uses a patented, microprocessor controlled peristaltic mechanism for accurate flow so that researchers can now control their desired flow rates with confidence. Furthermore, the infusion pump can program complex pharmacokinetic and tolerance based infusion protocols including constant continuous/variable dose, circadian rhythm infusion and complex dosage simulations.

The iPRECIO® infuses fluids continuously for as long as six months and can be refilled via percutaneous access to the pump refill septum which enables researchers to easily refill the pump while *in vivo*. This helps for long-term drug infusion and the researcher is then able to continue with the study until the battery life has run out or the protocol has ended.

Additional features to the iPRECIO®:

- Accurate patented Rotary Finger Method
- Pumps that are factory tested and calibrated
- Better than  $\pm 5\%$  accuracy
- 1.0 $\mu$ l/hour to 30.0  $\mu$ l/hour in 0.1 $\mu$ l/hour steps
- Battery life of up to 6 months and 5.8ml of total volume\*
- Easy to use menu driven software for programming simple to complex infusion protocols

*\* Dependent upon programmed flow rates*

The iPRECIO® infusion pump is the only implantable and programmable infusion pump for small laboratory animals and DSI is now the sole authorized distributor in North America and serves in Europe, China and Australia as well.

## **About DSI**

Founded in 1984, Data Sciences International (DSI) has pioneered the use of wireless implantable devices for monitoring and collecting physiological data to become the global leader in implantable telemetric physiologic monitors. Our technology is the gold standard for monitoring vital signs in animals, which plays an important role in delivering health care to people.

Our complete systems for monitoring and collecting data include advanced telemetry implants, plethysmography chambers, digital amplifiers along with data acquisition and analysis software capable of tight synchronization of physiologic signals collected from multiple disparate sources. These systems take advantage of the latest digital technology to turn accurate data into useful information quickly and easily—representing a major advancement in data collection for pharmacological and toxicological studies.

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