The Everyday Epidural Confirmation Solution
For Even Your Most Challenging Patients!

- Clearly and successfully identified the epidural space in 100% of the test subjects
- Real-time objectively confirm the epidural space with 99% success on first attempt
- Allows anesthesiologists to use both hands to advance and direct the needle

DPS Dynamic Pressure Sensing Technology®
DPS Dynamic Pressure Sensing Technology

An innovative technique for objective confirmation of the epidural space in real time for all of your patients

Today...
The Conventional Approach

Until recently, the identification of the epidural space has been based on the subjective perception of a “loss of resistance (LOR)”, when inserting an epidural needle to identify the epidural space:

- Subjective identification - Requires tactile feel to loss of resistance to air or saline
- Sensitive but not specific - Detects pressure differences by loss of resistance, but unable to differentiate between intermuscular planes, cysts, ligaments, and the epidural space
- Uses fluoroscopy - Can require unnecessary exposure of patient to radiation

The New Standard...

DPS Dynamic Pressure Sensing Technology

- Objectively identifies and differentiates a False LOR from a True LOR
- Clinicians can successfully perform epidural procedures with fewer attempts
- Detects subtle pressure changes 4 times a second making it extremely responsive to minor pressure changes
- Provides visual and audio feedback, differentiating tissue types for the physician
- Precisely controls the flow rate of fluid with real-time feedback, based on exit pressure at the needle tip
- Reduces the volume required to accurately identify the epidural space
Introducing...

CompuFlo®
EPIDURAL INSTRUMENT

A superior technique for your most challenging patients

- Clinicians can now get real-time pressure and objective confirmation that they have correctly identified the epidural space, without potentially exposing patients to radiation exposure
- CompuFlo Epidural Instrument with DPS Dynamic Pressure Sensing Technology can improve clinical outcomes and patient satisfaction, setting clinicians and their institutions up for better experiences, better reviews, and better reputations.
- Success rates of 99% in labor/delivery and in the epidural management of back pain

Superior to LOR in labor/delivery patients with BMI > 31

Instrument Features...

DPS Dynamic Pressure Sensing Technology
- High-quality 17.5 cm (7 in) touchscreen
- Light weight allows instrument to be moved from room to room
- Contains two power sources: a standard AC plug, as well as a built-in lithium-ion battery
- Optional hands-free control with a foot pedal
- Internal memory stores patient files and are accessible through a USB 2.0 port
**CompuFlo Epidural Instrument with DPS Dynamic Pressure Sensing Technology** can improve clinical outcomes and patient satisfaction, setting clinicians and their institutions up for better experiences, better reviews, and better reputations.

**Objectively identify the epidural space with 99% success on first attempt**

**The Signature of Success™**

The identification of the epidural space is a sudden and sustained drop in pressure lasting more than 5 seconds, resulting in the formation of a low and stable pressure plateau (typically greater than 50% of the maximum pressure).

**Versatile, reliable, portable**

The versatile, revolutionary, computer-controlled instrument, designed to dramatically improve the identification of the epidural space. It has been clinically proven to be equivalent to standard LOR techniques in epidural labor/delivery and epidural pain management patients.
The Problem...
To reduce the number of attempts to identify the epidural space

The Solution...
CompuFlo® Epidural with Dynamic Pressure Sensing (DPS) is designed to improve the success rate of epidural identification attempts

Epidural Needle Misplacement
Complications may result in need for epidural blood patch

CompuFlo Epidural with DPS Dynamic Pressure Sensing Technology
Real-time verification of epidural needle placement with documentation available for attachment to the patient record

The Everyday Epidural Solution

- 97% accuracy in labor/delivery; 96% in patients with BMI >31
- Up to 100% accuracy in epidural pain management patients
- Potential to eliminate patient exposure to radiation

DPS Dynamic Pressure Sensing Technology®
# Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
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</thead>
<tbody>
<tr>
<td>Voltages</td>
<td>100-264 V, 50/60 Hz</td>
</tr>
<tr>
<td>Internal Battery</td>
<td>up to 2 hrs of use</td>
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<tr>
<td>Weight</td>
<td>2.3 kg (5.0 lbs)</td>
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<tr>
<td>Dimensions</td>
<td>24.38 x 17.15 x 14 cm (9.6 x 6.75 x 5.5 in)</td>
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<tr>
<td>Operational Temperature</td>
<td>10-35 °C (50-95 °F)</td>
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<tr>
<td>Operational Humidity</td>
<td>30-70% RH</td>
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<tr>
<td>Storage Temperature</td>
<td>20-45 °C (-20-113 °F)</td>
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<tr>
<td>Storage Humidity</td>
<td>15-90% RH</td>
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# Order Information

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<tr>
<th>CompuFlo Epidural Instrument</th>
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<tr>
<td>CompuFlo Epidural Instrument 110</td>
<td>EPI-6000-110</td>
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<td>CompuFlo Epidural Instrument 220</td>
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<tr>
<th>CompuFlo Epidural Disposables</th>
<th>Code</th>
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<tr>
<td>CompuFlo Epidural ID Adapter &amp; Kit</td>
<td>EPI-6010</td>
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1. Data on company file.

Milestone Scientific

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