Epidural Electrode

Quality epidural devices at a practical price. Cosman’s 60-year experience yields cost savings for our customers.

Treatment and Safety
Confirm position by stimulation, x-ray, contrast, aspiration. Limit thermal effects with PRF temperature control at 42°C.

Ergonomic and Versatile
Inject, stimulate and apply PRF at the same time with integrated fluid port, torque hub, thermocouple, and generator connector.

Low Cost and High Quality
Quality Epidural devices at a practical price. Cosman’s 60-year experience yields cost savings for our customers.

Treat Neuropathic Pain
Target multiple spinal nerve roots and dorsal root ganglia via a single needle placement with epidural Pulsed RF.

Guidable Electrode

Inject Contrast & Anesthetic

Inject Contrast & Anesthetic

Nonlinear Bevel

Active Tip & Temperature Sensor
**RCE Epidural Pulsed RF for Neuropathic Pain**

The Reig-Cosman Electrode (RCE) was developed with Dr. Enrique Reig, MD, PhD, FIPP of the Clinica del Dolor de Madrid, Spain, using Cosman technology. The RCE provides for injection, stimulation, and temperature-controlled epidural Pulsed RF in a single x-ray guidable electrode. The RCE is indicated for percutaneous nerve blocks with local anesthetic solution or for radiofrequency lesioning of peripheral nerve tissue.

Epidural Pulsed RF (PRF) at the dorsal nerve roots and dorsal root ganglia (DRG) can be used to treat radicular neuropathy. Epidural placement enables treatment of multiple spinal levels via a single needle, and targetry of nerves inaccessible due to normal anatomy, foraminal stenosis, or hardware. Temperature control at 42°C limits thermal effects and ensures safety.


* Dr. Reig receives no economic benefit from the sale of the RCE.

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**Unique PRF features of the G4**

- Voltage: 5 – 100 V
- Pulse Width: 2 – 30 msec
- Pulse Rate: 1 – 10 Hz
- Time: 5 sec – 30 min
- Temperature: 37 – 90°C
- Automatic E-Dose® Pulse Width Control: Fix 42°C, 45 V, and 2 Hz × 7.5 min = 900 pulses

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**Table of Parts**

<table>
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<tr>
<th>Part #</th>
<th>Description</th>
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<tbody>
<tr>
<td>RCE-E401519-P</td>
<td>Epidural RF Electrode, 40cm/15&quot;, 15mm tip, 19G, 10/pk sterile</td>
</tr>
<tr>
<td>RCE-C9165S-P</td>
<td>Epidural Cannula, 9cm/3.5&quot;, 16G, sigmoid bevel, 10/pk sterile</td>
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<tr>
<td>CB114-TC</td>
<td>Sterilizable cable, ~3 m, RCE-E401519 to G4 or RFG-1A/B</td>
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<tr>
<td>DGP-PM-5,10,25</td>
<td>Disposable ground pad, 5, 10, or 25/pk</td>
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<tr>
<td>G4, RFG-1A/B</td>
<td>Four-output or one-output RF generators</td>
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