



Medtronic

EVS

EPIDURAL VEIN SEALER

Bleeding in the epidural space can compromise visibility and add frustration to an otherwise predictable case. Designed to optimize visibility and control epidural bleeding, the Aquamantys® Epidural Vein Sealer uses patented Transcollation® technology to provide hemostatic sealing and coagulation of soft tissue and bone. When used during spine surgery, it enables surgeons to prophylactically compress and seal epidural veins before they begin to bleed.

Product Features and Benefits

- Insulated shaft enables electrode use near sensitive tissue such as dura and nerve roots
- 4.0 mm tip size accommodates small epidural access points
- Flat bipolar electrodes allow for compression of epidural veins

Clinical Benefits

- Prevents and stops epidural bleeding near critical structures¹
- May help improve visibility in the surgical field^{1,2}
- Decreases surgical time²
- Decreases blood loss per level fused³

Surgical Applications

- Decompression procedures (discectomy, laminectomy, and others)
- Procedures requiring access to the epidural space (PLIF, TLIF, PCDF, and others)



EVS EPIDURAL VEIN SEALER

Transcollation® Technology

Transcollation technology combines radiofrequency (RF) energy and saline for hemostatic sealing of soft tissue and bone at the surgical site. Vessels up to 1 mm may be occluded, reducing bleeding.



Aquamantys® System

The Aquamantys System delivers Transcollation technology through a proprietary RF generator and a single-use disposable bipolar sealer.



Ordering Information

Description

Catalog Number

| | |
|---|----------|
| Aquamantys EVS Epidural Vein Sealer | 23-121-1 |
| Aquamantys Pump Generator | 40-402-1 |

References

1. Santiago P. Controlling epidural bleeding and improving visibility during spinal surgery with a novel bipolar sealing technology: a case report. Company funded, non-peer-reviewed Medtronic white paper, 2009.
2. Snyder BD, Hedequist D, Shannon E. Hemostatic efficacy of bipolar wound sealer as adjunct to wound management in children with neuromuscular scoliosis. Poster presentation at Pediatric Orthopaedic Society of North America Annual Meeting 2007; Hollywood, FL.
3. Mankin KP, Moore CA, Miller LE et al. Hemostasis with a bipolar sealer during surgical correction of adolescent idiopathic scoliosis. *J Spinal Disorders & Techniques*, October 2011; doi:10.1097/BSD.0b013e3182334ec5.

Caution: Federal Law (USA) restricts these devices to sale by or on the order of a physician. For a listing of indications, contraindications, precautions, and warnings, please refer to the Instructions For Use (IFU) that accompany Aquamantys disposable devices and/or the Aquamantys System User Guide.

For further information, please call 866-777-9400 or 603-742-1515.

You may also consult our website:

www.medtronic.com/advancedenergy

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France 33-470-679-800
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