



Advanced Energy

SURGICAL SOLUTIONS FOR LESS BLEEDING AND LESS DAMAGE



References

1. Performance has not been specifically established in all procedures.
2. Marulanda GA, Ulrich SD, Seyler TM et al. Reductions in blood loss with a bipolar sealer in total hip arthroplasty. *Expert Rev Med Devices* 2008; 5(2):125-131.
3. Marulanda GA, Ragland PS, Seyler TM et al. Reductions in blood loss with use of a bipolar sealer for hemostasis in primary total knee arthroplasty. *Surg Tech XIV* 2005; 12:281-286.
4. 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.
5. Geller DA, Tsung A, Maheshwari V et al. Hepatic resection in 170 patients using saline-cooled radiofrequency coagulation. *HPB* 2005; 7:208-213.
6. Loh S, Chang E, Huang EJ, Carlson GA, Gurtner GC. Comparison of Surgical Incisions with the PEAK PlasmaBlade™, Traditional Electrosurgery, and a Standard Scalpel. *Journal of Plastic and Reconstructive Surgery* 2009; 124(6):1849-1859.

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 and PEAK PlasmaBlade disposable devices, the Aquamantys System User Guide and/or the PULSAR® Operators Manual.

For more information regarding the Aquamantys® System, contact:

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71-10-2369 612 Rev A



The Aquamantys® System

The Aquamantys System uses proprietary Transcollation® technology - a combination of radiofrequency (RF) energy and saline - to provide hemostatic sealing of soft tissue and bone during surgery. Transcollation technology has been clinically shown to reduce transfusion rates by minimizing intra-operative blood loss.¹⁻⁵



Mini EVS 3.4
Epidural Vein Sealer



SBS 5.0 Sheathed
Bipolar Sealer



MBS Malleable
Bipolar Sealer



2.3 Bipolar Sealer



6.0 Bipolar Sealer



PEAK PlasmaBlade Needle



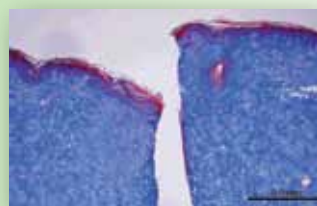
PEAK PlasmaBlade 3.0S



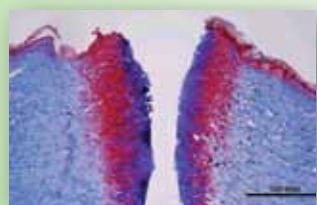
PEAK PlasmaBlade 4.0



Thermal injury comparison^{1,6}



PEAK PlasmaBlade™



Traditional Electrosurgery

PEAK PlasmaBlade™

The PEAK PlasmaBlade provides the precision of a scalpel and the bleeding control of traditional electrosurgery without extensive collateral tissue damage.^{1,6} Using novel pulsed plasma technology and proprietary TPS (Thermal Protection Shield) insulation technology, the PEAK PlasmaBlade strikes a unique balance between precision dissection and bleeding control.