Transcollation® Technology for Partial Nephrectomy

Medtronic’s advanced energy devices use patented Transcollation technology – a combination of radiofrequency (RF) energy and saline – to provide hemostatic sealing of soft tissue and bone during surgery. When used during partial nephrectomy procedures, monopolar sealers and Aquamantys® bipolar sealers provide benefits for surgeons and their patients by minimizing intra-operative blood loss, resulting in reduced transfusion rates.1-3

CLINICAL BENEFITS OF TRANSCOLLATION TECHNOLOGY

- Reduces transfusion rates by minimizing intra-operative blood loss1-3
- Reduced transfusion rates contribute to reduced hospital length of stay4,5
- Reduces the need for renal vascular clamping6
- Controls depth of penetration7,8
- May reduce the need for other blood management products during or after the procedure2,3

OPEN / HAND-ASSIST SOLUTIONS

- **Aquamantys 9.5 XL Bipolar Sealer**
  Cone-shaped electrode design aids blunt dissection and hemostatic sealing

- **Aquamantys 2.3 Bipolar Sealer**
  Medium-sized electrodes provide hemostatic sealing of bleeding soft tissue and bone

LAPAROSCOPIC SOLUTIONS

- **EndoSH-2.0™**
  Monopolar sealer featuring a unique hook electrode designed to aid in blunt dissection and hemostatic sealing of soft tissue in laparoscopic procedures

- **EndoFB-3.0™**
  Monopolar sealer with a floating ball electrode designed for laparoscopic hemostatic sealing of tissue
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.

References
3. Performance has not been specifically established in all procedures.
4. Covance report; 2008 MedPAR database based on ICD-9-CM Codes for 100% of Medicare beneficiaries.
5. Covance MedPAR report. Length of stay has not been specifically correlated with Transcollation technology.
7. Performance specifically established in a monopolar device.

Ordering Information

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<tr>
<th>Description</th>
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<td>Aquamantys 9.5 XL Bipolar Sealer</td>
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<td>Aquamantys 6.0 Bipolar Sealer</td>
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<td>Aquamantys 2.3 Bipolar Sealer</td>
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<td>Aquamantys Pump Generator</td>
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<td>EndoSH2.0™ Monopolar Sealer</td>
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<td>EndoFB3.0™ Monopolar Sealer</td>
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<td>DS3.0™ Dissecting Sealer</td>
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<td>DS3.5C™ Dissecting Sealer</td>
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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.
You may also consult our website:
www.medtronic.com/advancedenergy

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