OPERATING AT THE CUTTING EDGE.

The LigaSure™ Exact Dissector
Exact precision for a balanced performance

Medtronic
Further, Together
The LigaSure™ exact dissector is powered by the Valleylab™ FT10 and LS10 (where available) energy platforms. Its fine, curved jaw profile is engineered to:

- Deliver precise blunt dissection\(^1\) with a cool thermal profile\(^1\)
- Optimize your ability to work in tight spaces\(^3,1\)
- Enable a more efficient procedure\(^3,1\)

The LigaSure™ exact dissector also:

- Cools in 10 seconds after 5 activations\(^2\)
- Makes cutting and sealing simple and intuitive\(^1,2\)
- Reduces the need for instrument exchanges\(^1,2\)
- Enables secure and atraumatic grasping of tissue\(^1,3\)

- 2 mm distal jaw width\(^3\)
- 3 mm average jaw width\(^3\)
- The device cuts sealed tissue to within 2 mm of the tip of the jaw\(^3\)
- The device has a working length of 75 mm\(^1\)
- The jaw has a curve angle of 21 degrees\(^1\) and a length of 21.6 mm

TOGETHER WE CAN ACHIEVE A GREAT PERFORMANCE.
The maximum temperature and cooling times of the LigaSure™ Exact compared to other devices...

<table>
<thead>
<tr>
<th></th>
<th>Harmonic Focus™+</th>
<th>Thunderbeat Fine Jaw™</th>
<th>Voyant™ Fine Fusion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum jaw temperature of the LigaSure™ Exact after a single activation</td>
<td>63.5°C</td>
<td>83.9°C</td>
<td>120.1°C</td>
</tr>
<tr>
<td>Faster average cool down time (to 60°C) for a single activation, when paired with the FT10²</td>
<td>Ligasure™ Exact is 32.6s faster</td>
<td>Ligasure™ Exact is 34.7s faster</td>
<td>Ligasure™ Exact is 19.2s faster</td>
</tr>
<tr>
<td>Faster average cool down time (to 60°C) after 5 activations, when paired with the FT10²</td>
<td>Ligasure™ Exact is 22.4s faster</td>
<td>Ligasure™ Exact is 20.1s faster</td>
<td>Ligasure™ Exact is 26.3s faster</td>
</tr>
</tbody>
</table>

The jaws have a low temperature profile⁵ and are designed to help reduce thermal spread to surrounding critical structures.⁶
THE SIZE AND INSTRUMENT LENGTH OF THE LIGASURE™ EXACT COMPARED TO OTHER DEVICES...

The LigaSure™ Exact has a working length of 75 mm.

- **27% shorter than the** Harmonic Focus™+:
  - 27% longer jaw
  - 10% longer overall instrument length

- **15% shorter than the** Thunderbeat Fine Jaw™:
  - 15% longer overall instrument length

- **12% shorter than the** Voyant™ Fine Fusion:
  - 12% longer overall instrument length

THE ACTIVATION TIME OF THE LIGASURE™ EXACT WHEN PAIRED WITH THE FT10 IS...

- **56% shorter than the** Harmonic Focus™+:
- **39% shorter than the** Thunderbeat Fine Jaw™:
- **37% shorter than the** Voyant™ Fine Fusion

IMPORTANT: Please refer to the package insert for complete instructions, contraindications, warnings and precautions.

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1. 22 out of 23 surgeons surveyed agreed.
2. 21 out of 22 surgeons surveyed agreed.
3. 16 out of 16 surgeons surveyed agreed.
4. 22 out of 23 surgeons surveyed agreed.
5. 21 out of 22 surgeons surveyed agreed.
6. Compared to the Harmonic Focus™+; 11 out of 12 surgeons surveyed agreed.
7. The external jaw temperature of the LigaSure™ exact dissector does not exceed 60 degrees C after a single activation.
8. The mean lateral thermal spread of the device is 1mm when paired with the FT10.
9. The external jaw temperature of the LigaSure™ exact dissector does not exceed 60 degrees C after a single activation.

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