The nano-coated LigaSure™ Maryland jaw device outperforms the Harmonic™ HD 1000i device.

**Seal Failure Rate**

<table>
<thead>
<tr>
<th>Device</th>
<th>Failures</th>
</tr>
</thead>
<tbody>
<tr>
<td>LigaSure™ Maryland jaw</td>
<td>0</td>
</tr>
<tr>
<td>Harmonic™ HD 1000i</td>
<td>8</td>
</tr>
</tbody>
</table>

**Mean Activation Time**

<table>
<thead>
<tr>
<th>Device</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>LigaSure™ Maryland jaw</td>
<td>3.4 sec</td>
</tr>
<tr>
<td>Harmonic™ HD 1000i</td>
<td>12.7 sec</td>
</tr>
</tbody>
</table>

**Cooldown Time to 60°C**

<table>
<thead>
<tr>
<th>Device</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>LigaSure™ Maryland jaw</td>
<td>0.3 sec</td>
</tr>
<tr>
<td>Harmonic™ HD 1000i</td>
<td>0.3 sec</td>
</tr>
</tbody>
</table>

**Max Jaw Temperature**

<table>
<thead>
<tr>
<th>Jaw Type</th>
<th>Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>LigaSure™ Maryland jaw</td>
<td>64.2°C</td>
</tr>
<tr>
<td>Harmonic™ non-active jaw</td>
<td>88.5°C</td>
</tr>
<tr>
<td>Harmonic™ ultrasonic jaw</td>
<td>222.1°C</td>
</tr>
</tbody>
</table>

† Out of 115 activations.
‡ Out of 116 activations.
§ HD1000i utilized with Advanced Hemostasis mode.


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STRONGER. FASTER. COOLER.

The nano-coated LigaSure™ Maryland jaw device outperforms the Harmonic™ HD 1000i device

LigaSure™ Maryland jaw device

STRONGER. FASTER. COOLER.1

 Seal Failure Rate1

0 Failures1

LigaSure™ Maryland jaw

8 Failures1,2

Harmonic™ HD 1000i

Seal Time Across Different Tissue Types 1

2.65 sec

5.67 sec

FASTEN AND COOLER2,3

Max jaw temperature2

64.2°C

LigaSure™ Maryland jaw

88.5°C

Harmonic™ non-active jaw

222.1°C

Harmonic™ ultrasonic jaw

Cooldown time to 60°C2,4

39.6 sec

LigaSure™ Maryland jaw device

25.8 sec

Harmonic™ HD 1000i device

Mean activation time2,4

3.4 sec

LigaSure™ Maryland jaw device

12.7 sec

Harmonic™ HD 1000i device


3. All results are based on 12 sealing attempts per tissue type. 88.5°C maximum temperature is obtained with Harmonic™ HD1000i device in Standard mode. 222.1°C maximum temperature is obtained with Harmonic™ HD1000i device in Advanced Hemostasis mode.

4. Mean activation time is defined as the time between actuation of the footswitch and seal formation.

STRONGER AND FASTER

TRY IT IN YOUR NEXT PROCEDURE

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