TOPAZ™ microdebrider

The TOPAZ microdebrider is a minimally invasive device for tendons and fascia. The device allows for the application of radiofrequency energy with precise removal of soft tissue within the shoulder, elbow, knee, foot and ankle with minimal damage to untargeted tissue. The TOPAZ microdebrider utilizes patented COBLATION™ technology, designed specifically for soft tissue, and has offered a minimally invasive alternative for over a hundred thousand patients.

- Allows for the application of radiofrequency energy and precise removal of tissue with minimal damage to untargeted tissue.
- Provides patients with a minimally invasive alternative to surgical debridement.
- Allows use of a minimally invasive technique, requiring only a small incision.

TOPAZ advantage:
- Quick, simple, minimally invasive alternative
- Precise surgical technique
- Single application protocol

Patient preparation
- Prepare the patient pre-operatively according to the standard procedure.
System setup
QUANTUM™ 2 system
- Connect power cord to Controller and outlet.
- Connect foot control to Controller, if applicable.
- Connect TOPAZ™ microdebrider to Controller. The Controller will automatically default to the recommended set point of 4.
- Connect saline tubing to a bag of saline or Ringer’s lactate.

ATLAS™ system
- Connect power cord to Controller and outlet.
- Connect timer to Controller.
- Connect foot control to timer.
- Connect TOPAZ microdebrider to Controller. The Controller will automatically default to the recommended set point of 4.
- Connect saline tubing to a bag of saline or Ringer’s lactate.

Procedure
1 Identify and mark symptomatic area preoperatively while patient is still alert.
2 Place patient in appropriate position. Administer local or general anesthesia as appropriate.
3 Utilize tourniquet and elevate to appropriate level.
4 Create a small incision (approximately 1”) over the marked area.
5 Identify and mark symptomatic area preoperatively while patient is still alert.
6 Place patient in appropriate position. Administer local or general anesthesia as appropriate.
7 Utilize tourniquet and elevate to appropriate level.
8 Create a small incision (approximately 1”) over the marked area.
9 Identify and mark symptomatic area preoperatively while patient is still alert.
10 Identify and mark symptomatic area preoperatively while patient is still alert.

Please refer to the Instructions for Use (IFU) packaged with the product for a complete list of warnings, precautions and contraindications.
**System shutdown**

- Turn the power switch to the “OFF (0) position.
- Disconnect the irrigation/saline tubing.
- Disconnect the cable connector of the TOPAZ™ Wand from the Controller.
- Discard the used TOPAZ Wand.

### Technical specifications

<table>
<thead>
<tr>
<th></th>
<th>TOPAZ microdebrider</th>
<th>TOPAZ microdebrider IFS</th>
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<tbody>
<tr>
<td>Catalog number</td>
<td>AC4040-01/Q6000-01</td>
<td>ACH4040-01</td>
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<tr>
<td>Controller</td>
<td>QUANTUM® and ATLAS® systems</td>
<td>QUANTUM systems only</td>
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<tr>
<td>Tip diameter</td>
<td>1.0mm</td>
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<tr>
<td>Working length</td>
<td>7.0cm</td>
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<tr>
<td>Default set point</td>
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### Ordering information

<table>
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<tr>
<th>Reference #</th>
<th>Description</th>
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<tbody>
<tr>
<td>AC4040-01</td>
<td>TOPAZ MICRODEBRIDER</td>
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<tr>
<td>Q6000-01</td>
<td>TOPAZ MICRODEBRIDER</td>
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<tr>
<td>H4500-00</td>
<td>QUANTUM 2 SYSTEM</td>
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<tr>
<td>H3000-01</td>
<td>ATLAS SYSTEM</td>
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<tr>
<td>H2000-21</td>
<td>TIMER (REQUIRED USE WITH ATLAS)</td>
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