HOLA™
Minimally invasive laser therapy of uterine tumor

- Excellent hemostasis
- Outpatient procedure
- Local or minimal anesthesia
The trend for outpatient procedures and minimally invasive treatments has resulted in the development of valuable applications in outpatient hysteroscopy. Using standard diagnostic instruments in combination with biolitec®’s high-tech laser fibers is the best choice for minor and more complex conditions to be treated in the doctor’s office. To expand your practice in different areas of gynecology, biolitec® has introduced a revolutionary laser system with a wide range of contact and non-contact fibers and accessories.

Myomas and Polyps
biolitec®’s innovative laser technique, Hysteroscopic Outpatient Laser Applications HOLA™ offers a wide range of applications in Gynecology. Using standard diagnostic hysteroscopes and specially designed contact fibers, polyps and myomas can be easily vaporized with no or minimal local anesthesia. Working in contact mode offers a high direct energy delivery at the tissue site. The effect of laser energy is very gentle to the lining of the uterus and prevents contractions. This results in no bleeding, immediately visible results and no or minimal pain.
Why?

Safe
- Safer saline environment
- Contact use for tactile feedback
- Good visibility
- Rare complications

Effective
- High success rate in outpatient settings
- Excellent hemostasis and tissue vaporization speed
- Lower cost compared to surgery

Easy and versatile
- Minimally invasive procedure easy and quick to perform
- Versatility using your standard instrumentation
- Do more in your consulting room saving time and cost for OR

Patient friendly
- Local or minimal anesthesia requirements
- Virtually pain free for the patient
- Quick return to normal life

Applications

Hysteroscopic and laparoscopic surgeries
- Myomas
- Polyps
- Adhesions
- Endometriosis
- Septotomy
- Condylomas
- Diverse minimally invasive gentle laser surgery
Ceralas® HPD Laser, 120 Watt

<table>
<thead>
<tr>
<th>REF</th>
<th>Wavelength</th>
<th>Fiber Characteristics</th>
<th>Laser class</th>
<th>Power Supply</th>
<th>Cooling</th>
<th>Dimensions</th>
<th>Weight</th>
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<tbody>
<tr>
<td>501200744</td>
<td>980 nm</td>
<td>≥ 400 μm Bare Fiber, PolyFiber™, MyoFiber™</td>
<td>4</td>
<td>60–120 VA, 50–60 Hz, 660 VA</td>
<td>Air cooled system</td>
<td>approx. 30 cm × 60 cm × 30 cm</td>
<td>approx. 30 kg</td>
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<tr>
<td>501300410</td>
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Ceralas® HPD Laser, 180 Watt

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<th>Power Supply</th>
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<th>Dimensions</th>
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<td>980 nm</td>
<td>≥ 400 μm Bare Fiber, PolyFiber™, MyoFiber™</td>
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<td>60–180 VA, 50–60 Hz, 730 VA</td>
<td>Air cooled system</td>
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Special Contact Fibers

<table>
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<tr>
<th>REF</th>
<th>Product</th>
<th>Length [m]</th>
<th>Core ø [μm] / [Fr]</th>
<th>OD ø [μm] / [Fr]</th>
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</thead>
<tbody>
<tr>
<td>501200205</td>
<td>PolyFiber™</td>
<td>3</td>
<td>400 / 1.2</td>
<td>1850 / 5.5</td>
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<tr>
<td>501200215</td>
<td>MyoFiber™</td>
<td>3</td>
<td>595 / 1.8</td>
<td>3000 / 9</td>
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</table>

Bare Fibers Flat Tip

<table>
<thead>
<tr>
<th>REF</th>
<th>Product</th>
<th>Length [m]</th>
<th>Core ø [μm]</th>
<th>OD ø [μm]</th>
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<tbody>
<tr>
<td>501200744</td>
<td>Bare Fiber 400 μm, Flat Tip, ID</td>
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<td>501200740</td>
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<td>565 / 1.7</td>
<td>860 / 2.6</td>
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<tr>
<td>501200745</td>
<td>Bare Fiber 600 μm, Flat Tip, Adj. Luer, ID (1 × 6 h)</td>
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<td>565 / 1.7</td>
<td>950 / 2.9</td>
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<td>501300400</td>
<td>Bare Fiber 1000 μm, Flat Tip, ID</td>
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<td>945 / 2.9</td>
<td>1400 / 4</td>
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Bare Fibers Ball Tip

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<td>501200750</td>
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Bare Fibers Conical Tip

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<td>945 / 2.9</td>
<td>1400 / 4</td>
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</table>

All fibers are free of latex and DEHP. Our fibers are single use products (unless otherwise indicated) delivered sterile for immediate use.
**LEONARDO®**

### Technical details

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<td>503200205</td>
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<td>MyoFiber™, IC</td>
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</tr>
</tbody>
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### Handpieces and instruments

**For Ceralas® and LEONARDO®**

- 400500360 Continuous flow Hysteroscope 5.0 mm Karl Storz*
- 400500350 Continuous flow Hysteroscope 17.5 Fr. Richard Wolf**
- 400100100 Universal Dual Luer Handpiece, for ø 600 – 1000 μm fibers***
- 400400110 Laparoscopic sheath 30 cm, ID ø 1.4 mm, OD ø 5 mm
- 400400115 Laparoscopic sheath 40 cm, ID ø 1.4 mm, OD ø 5 mm

### Accessories

**For Ceralas® and LEONARDO®**

- AB2570 Mobile Table for HPD Laser
- LA1371 Laser safety goggles 950 – 110 L4 + 1470 L2 (FULL); type: ear piece****
- LA5199 Laser safety goggles DIR 804 – 1755 L3 (FULL); type: basket, clear*****
- 400100115 Medi Strip 0.7 / 1.2 BF 600 μm, autoclavable – Fiber stripper for Bare Fiber 600 μm
- 400100120 Medi Strip 1.0 / 1.5 BF 1000 μm, autoclavable – Fiber stripper for Bare Fiber 1000 μm
- 400100130 Ceramic Fiber Cleaver, autoclavable
- AB1908 Touhy Borst Adapter

Manufacturer: * Karl Storz GmbH  ** Richard Wolf GmbH  *** Klaus Wenkert Medizintechnik  **** Honeywell Safety Products (USA)
Contact us
to learn more about a whole new world of minimally invasive laser therapies

biolitec® worldwide

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São Paulo, Brazil
Phone: +55 11 2093 8602

Manufacturer: MDD 93/42 EEC; CE1275; CeramOptec GmbH, Siemens-str. 44, D–53121 Bonn (unless otherwise specified)

Disclaimer: Products might not be available in every country. biolitec®, Ceralas®, PolyFiber™ and MyoFiber™ are registered trademarks owned by biolitec. LEONARDO® are registered Community Trademarks (CTM) owned by biolitec. All fibers are free of latex and DEHP. Our fibers are single use products (unless otherwise indicated) delivered sterile for immediate use.

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