

GYNECOLOGY

MINIMALLY INVASIVE LASER THERAPIES

Technology
meets Anatomy



Clinical Versatility and Positive Patient Outcomes for a Fast Return on Investment.



Easy to use for gentle precision in:

- Hysteroscopy
- Laparoscopy
- Minimally invasive surgery

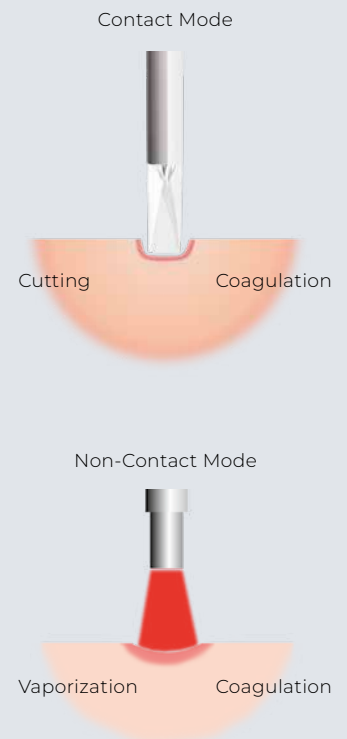
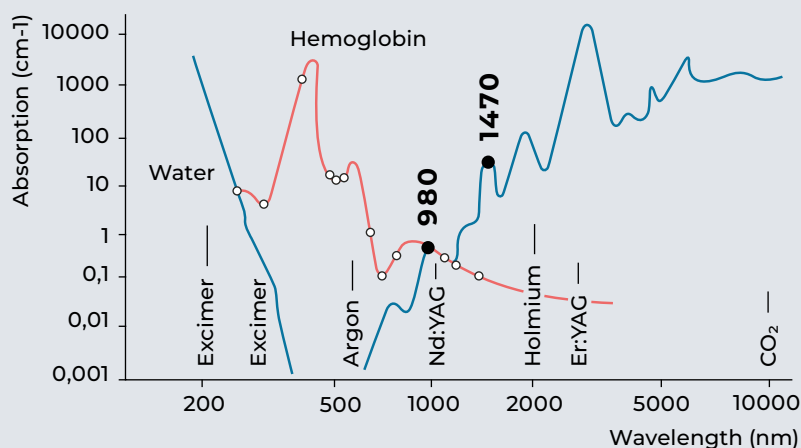
Innovative Technology for Meaningful Outcomes

The dual 1470 nm/980 nm laser wavelengths offer key advantages in minimally invasive procedures due to their precision and tissue-protective properties:

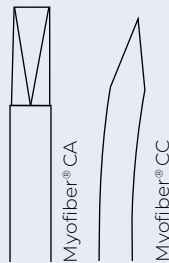
- High absorption in water and hemoglobin, with lower thermal penetration depth than Nd:YAG lasers, enabling safe applications near sensitive structures while protecting surrounding tissue.
- Superior hemostasis compared to CO₂ lasers, preventing major bleeding even in hemorrhagic areas during surgery.
- Thin, flexible fibers provide precise laser beam control, avoiding deep energy penetration and sparing surrounding tissue.
- The special fibers allow tissue-friendly cutting, coagulation, and vaporization in both non-contact and contact modes.

**To
Preserve
Ovarian
Reserve**

Cutting & Coagulation, Perfectly Balanced



APPLICATIONS IN LASER GYNECOLOGY



HOLA®

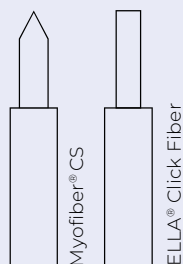
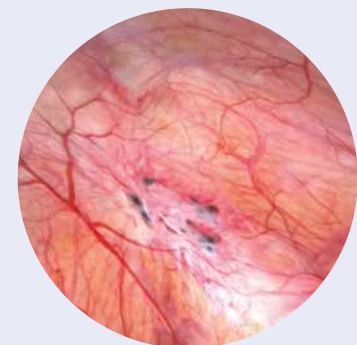
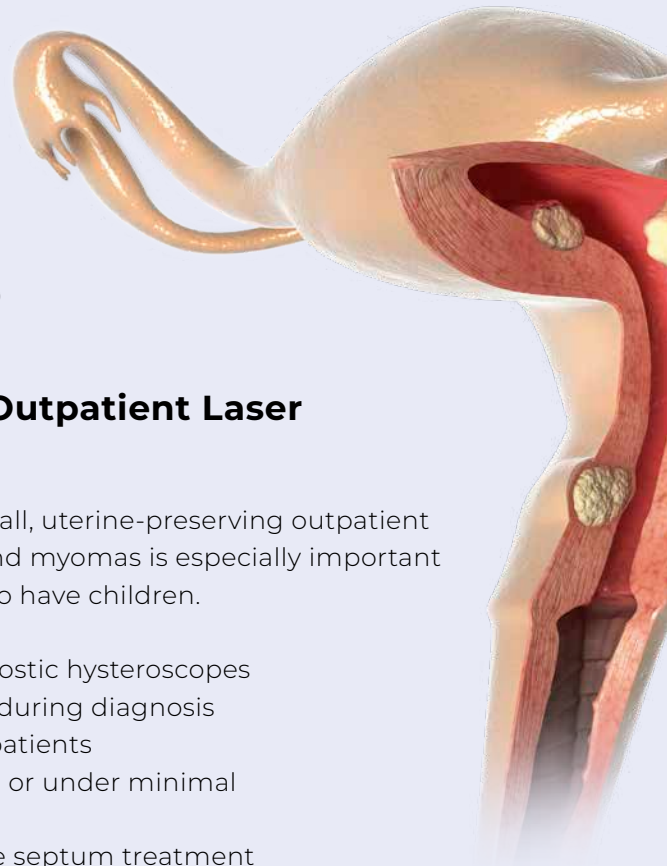
Hysteroscopic Outpatient Laser Application

The gentle and, above all, uterine-preserving outpatient treatment of polyps and myomas is especially important for women who wish to have children.

- Uses standard diagnostic hysteroscopes for direct treatment during diagnosis
- Almost painless for patients
- Can be used without or under minimal local anesthesia
- Allows gentle uterine septum treatment ideal for women desiring children

Applications

- Polyp
- Myoma
- Septum
- Isthmoele



ELLA®

Endometriosis Laparoscopic Laser Application

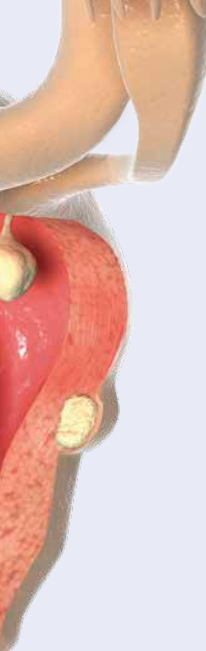
This innovative technique preserves fertility in women with endometriosis. The laser effectively vaporizes endometriotic lesions without altering ovarian function, sparing the number of available follicles.

- Working in non-contact or contact mode with tactile feedback
- Defined penetration depth without impact on surrounding tissue
- Preservation of ovarian reserve and fertility
- Excellent hemostasis
- Reduced scarring and avoidance of adhesions

Applications

- Deep Infiltrating Endometriosis
- Ovarian Endometriomas
- Adhesiolyses
- Salpingectomy
- Ovarian Cysts





LaEvita™

Laser treatment of genitourinary syndrome of the menopause

The complete solution to the main disorders affecting the female reproductive system. Significantly reduces vaginal dryness and pain without side effects, helping to maintain a fulfilling intimate life.

- Fully outpatient procedure
- No anesthesia required
- No side effects
- Almost no pain
- No downtime

Applications

- Vaginal atrophy
- Mild stress urinary incontinence

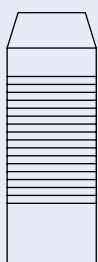


Minimally Invasive Surgery

Treatment of condylomas or dysplasia

Laser surgery is also well suited for the treatment of condylomas or dysplasia. The defined penetration depth of the laser energy makes it less invasive, leading to fewer complications and quicker recovery.

- Precise cutting and coagulation
- Short rehabilitation time
- Almost bloodless procedure
- No side effects
- Almost no pain
- No downtime



LOMA Handpiece

Applications

- Condyloma
- Cervical Ectropion
- Vulvar and Cervical Dysplasia



Universal Dual Luer Handpiece

All You Need for Laser Gynecology

Whether in the operating room or in the outpatient OR center, the versatile biolitec® diode lasers significantly expand the spectrum of users.

LEONARDO® Mini DUAL



LEONARDO® DUAL 45



Technical Specifications

Model	LEONARDO® DUAL 45 Set	LEONARDO® Mini DUAL Set
REF	SL980+1470nm45W	SL980+1470nm16W
Wavelength	max. 45 Watt (1470 nm / 15 Watt + 980 nm / 30 Watt) separately adjustable	max. 16Watt (1470 nm / 5W + 980 nm / 11Watt) separately adjustable
Fiber diameter	≥ 360 µm	≥ 360 µm
Aiming beam	532nm and 635 nm, green 1mW, red 4mW, user controlled intensity	635 nm, max. 4 mW
Treatment mode	CW, Pulse Mode, ELVeS® Signal, ELVeS® Segment, Derma Mode	CW, Pulse Mode (optional)
Pulse duration/ -break	0.01 – 60 sec/ 0.01 – 60 sec	0.01–180 sec / 0.01–180 sec
Power supply	110 – 240 VAC, 50 / 60 Hz, 450 VA	110 – 240 VAC, 50–60 Hz (12 VDC @ 100 W)
Batteries	–	Li-ion Batteries
Dimensions (H × W × D)	approx. 28 cm × 37 cm × 9 cm	6 cm × 9 cm × 21.5 cm
Weight	approx. 8.5 kg	900 g

All laser sets incl. 3 safety goggles, foot switch, interlock connector, power cord and manual in a carry case.

The LEONARDO® laser systems are classified as Class 3R and Class 4 laser products according to IEC 60825-1 / EN 60825-1. Avoid eye or skin exposure to direct or scattered radiation. Refer to the user manual for detailed safety instructions. All products described here are MDR certified.

Choose the Right Fiber for Your Specific Needs



HOLA®

REF	Product	Packing unit
400400130	Continuous flow outer sheath Ø 5,0 mm; FL 216 mm turquoise	1
400400140	Inner sheath with 5 Fr. working channel; turquoise	1
400400150	Biopsy grasping-forceps semi-rigid, oval, double action Ø 1,6 mm, 5 Fr., 340 mm	1
400400160	ENDOSCOPIC SEAL*	1
400500130	ASAP Hysteroscope optics HD, 2.9 mm, 30°, 300 mm	1
503200760	MyoFiber® CC, IC	10
503200770	MyoFiber® CA, IC	10

ELLA®

REF	Product	Packing unit
400400110	Laparoscopic sheath 30 cm	1
400400115	Laparoscopic sheath 40 cm	1
400400120	Laparoscopic Bending Instrument	1
503200600	ELLA® Click Fiber, IC	10
503200775	MyoFiber® CS, IC	10

LaEvita™

REF	Product	Packing unit
400500400	LaEvita Small	1
400500410	LaEvita Medium	1
400500420	LaEvita Large	1
400500430	LaEvita Handpieces Set	1
503200610	Vaginal Atrophy LaEvita Kit, IC*	1
503200620	Urinary Incontinence LaEvita Kit, IC*	1

Other Applications

REF	Product	Packing unit
400100100	Universal Dual Luer Handpiece	1
503200775	MyoFiber® CS, IC	10
AB2594	Biopsy Needle	20
503200970	LOMA Focus Handpiece	1

* These items are intended for 10 procedures

CONTACT US

To Learn More About a Whole New World of Minimally Invasive Laser Therapies

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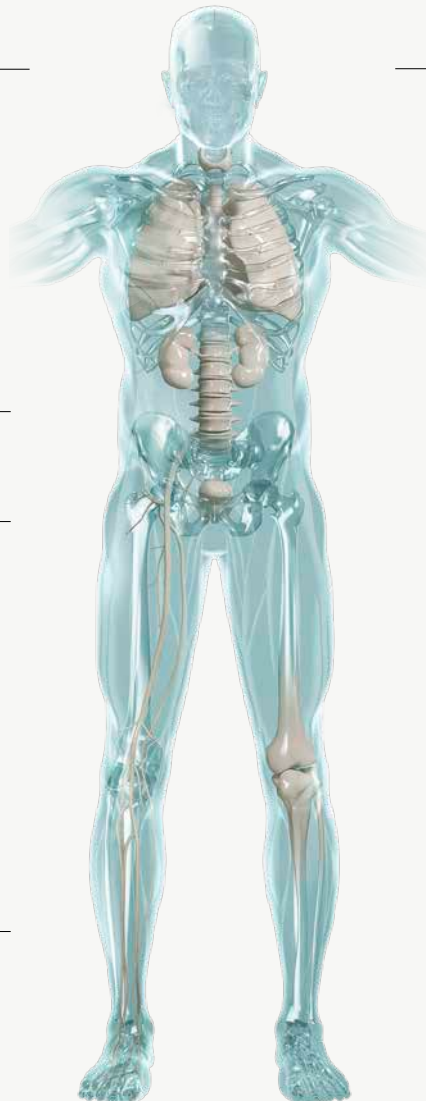
Thoracic Surgery

Aesthetics

Urology

Proctology

Phlebology



Aesthetics

Thyroid Treatment

Orthopaedics & Pain Management

Gynaecology

Orthopaedics & Pain Management



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