

LipoLas[®] – Laser Lift

Minimally invasive laser therapy for skin tightening and body contouring



- Significant fat reduction and tissue tightening
- Precise and gentle fiber guidance
- Outpatient treatment
- Versatile in use

biolitec[®] LEONARDO[®] laser in aesthetics

Named after the universal genius Leonardo da Vinci, the LEONARDO[®] laser stands for innovation, technical progress, genius, versatility, visionary power and human anatomy.

LipoLas[®] – Laser Lift

In LipoLas[®] laser therapy, the LEONARDO[®] diode laser family in combination with the atraumatic LipoLas[®] laser fibers forms the basis for excellent treatment results and is characterized by a compact, low-maintenance and user-friendly design.

Technology meets Anatomy

Applications for fat reduction and tissue tightening



FACE



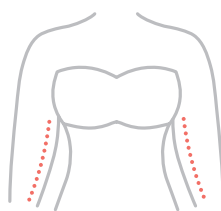
CHIN



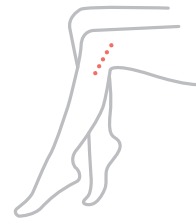
NECK



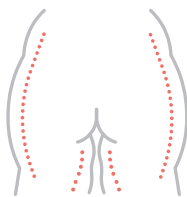
EYE



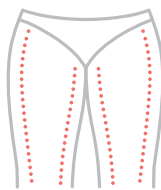
UPPER ARMS



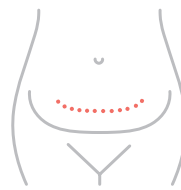
KNEE



BOTTOM



THIGHS



BELLY

What is LipoLas[®] – Laser Lift?

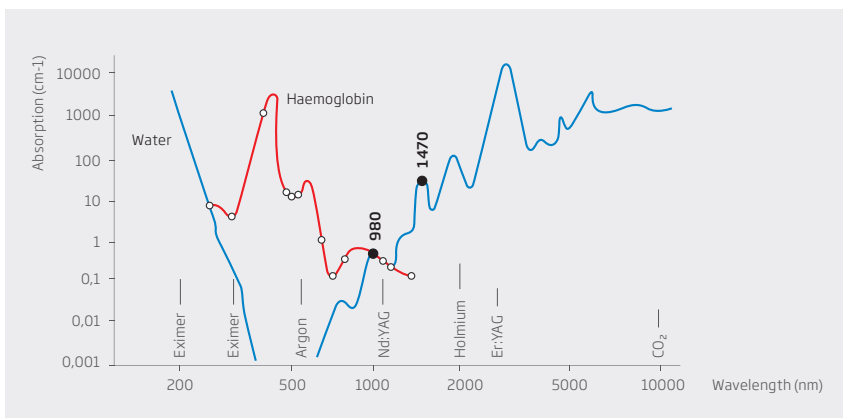
LipoLas[®] - Laser Lift is a minimally invasive procedure for skin tightening and fat reduction without scarring. The procedure can be performed on an outpatient basis under local anesthesia, e.g. TLA, or in combination with liposuction. A thin laser fiber is inserted subcutaneously into the tissue to be treated. No skin incision is required for this. The desired area is treated evenly by slow and fan-shaped release of laser energy.

The position of the laser fiber is continuously controlled with the pilot beam visible through the skin. The specific interaction of the laser light in the tissue ensures a controlled, precise application and impresses with good results and long-term effects.

- Firms and tightens the skin
- Reduces excess fat
- Defines contours on the face and other areas of the body

Mode of action

The LEONARDO[®] is optionally equipped with 2 wavelengths 1470nm and 980nm, which have a high absorption in water, fat and hemoglobin. The complementary and simultaneous use of both wavelengths enables optimum reduction of excess fatty tissue and excellent tightening with maximum protection of the surrounding tissue. Due to the laser-induced sclerosis of the small blood vessels and stimulation of the formation of new collagen fibers, the postoperative course is also favored.



Laser absorption in hemoglobin and water

atraumatic fiber tip



Expansion of the therapeutic spectrum

Whether in the operating room of a large hospital, as an outpatient in a surgical center or in a private practice - the use of the LEONARDO® laser system significantly expands the therapeutic spectrum for the physician.

Due to the described mode of action, almost all areas of the body can be tightened and defined with LipoLas®, regardless of whether they are small and sensitive areas around the eyes, face and neck or large areas on the body. LipoLas® is also ideal for the treatment of dents in the skin, known as cellulite.

In addition to purely aesthetic applications, the LEONARDO® laser system also offers other possible applications, such as in phlebology, proctology, gynecology (LaEvita*) and the treatment of hidradenitis suppurativa.

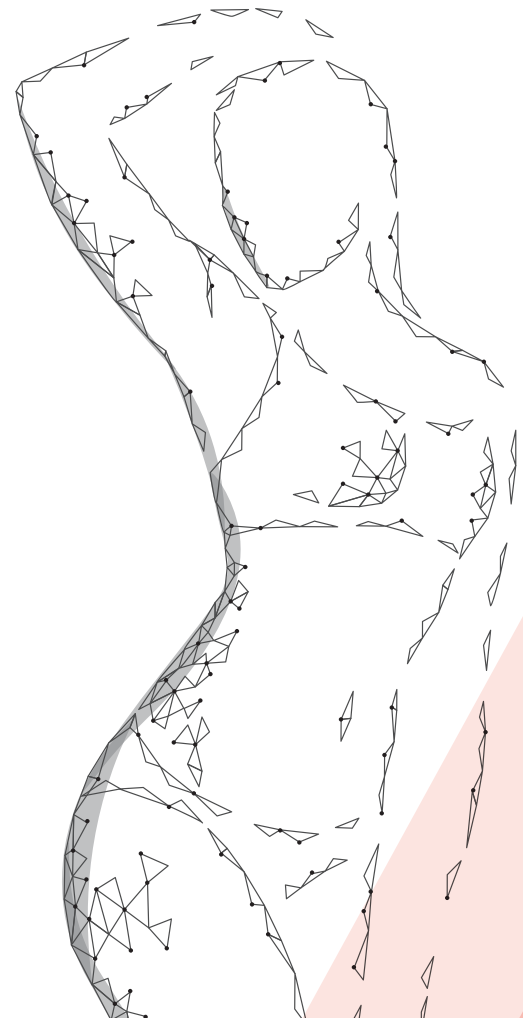
* LaEvita is the new, gentle solution for the treatment of vaginal atrophy and mild stress incontinence.

atraumatic
fiber tip

LipoLas®-
Laser Lift
Fiber

Advantages of LipoLas® - Laser Lift

- Minimally invasive procedure without scarring
- Effective skin tightening with long-term effect
- Removal of excess fat from small areas of skin
- Definition of face and body areas
- Can be used on almost all skin areas





Intuitive handling

The LEONARDO® diode laser system is characterized by its compact, user-friendly design.

Advantages

User-friendly

- Intuitive use via touchscreen, quick setup
- Choice between preset modes and individual settings

Economical

- Two wavelengths in one compact and space-saving diode laser system (LEONARDO® Dual)
- Low maintenance thanks to reliable laser diodes



LEONARDO® laser systems

Technical data	LEONARDO® Mini 1470	LEONARDO® DUAL 45
REF	SL1470nm12W	SL980+1470nm45W
Wavelength	1470 nm	980 nm and 1470 nm
Power	12 W	45 Watt (1470 nm / 15 Watt + 980 nm / 30 Watt), individually adjustable
Fiber diameter	≥ 360 µm	≥ 360 µm
Aiming beam	635 nm, max. 4 mW	532 nm and 635 nm, green 1 mW, red 4 mW, user-defined intensity
Treatment mode	CW, Pulse Mode (optional), ELVeS® Signal	CW, Pulse Mode, Derma Mode
Pulse duration / pause	0.01 – 60 sec. / 0.01 – 60 sec.	0.01 – CW / 0.01 – 60 sec.
Power supply	110 - 240 VAC, 50 - 60 Hz (7.2 VDC @ 36 W)	110 – 240 VAC, 50 / 60 Hz, 450 VA
Batteries	Li-ion batteries	
Dimensions (H × W × D)	6.0 cm × 9.0 cm × 21.5 cm	approx. 28 cm × 37 cm × 9 cm
Weight	900 g	approx. 8.5 kg

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

LEONARDO Mini 1470 nm

INVISIBLE LASER RADIATION
AVOID EYE OR SKIN EXPOSURE TO
DIRECT OR INDIRECT RADIATION

CLASS 4 LASER PRODUCT
Diode-Laser 1470 +/- 30 nm CW 12 W (Max.)
IEC 60825-1:2007 IEC 60601-2-22:2007

VISIBLE LASER RADIATION
AVOID EYE EXPOSURE TO DIRECT RADIATION

CLASS 3R LASER PRODUCT
Diode-Laser 635 +/- 10 nm CW 4 mW (Max.) (Aiming)
IEC 60825-1:2007 IEC 60601-2-22:2007


LEONARDO® DUAL 45

INVISIBLE LASER RADIATION
AVOID EYE OR SKIN EXPOSURE TO
DIRECT OR INDIRECT RADIATION

CLASS 4 LASER PRODUCT
Diode-Laser 980 +/- 30 nm CW 30 W (Max.)
Diode-Laser 1470 +/- 30 nm CW 15 W (Max.)
EM 60825-1:2008 EN 60601-2-22:2007

VISIBLE LASER RADIATION
AVOID EYE EXPOSURE TO DIRECT RADIATION

CLASS 3R LASER PRODUCT
Diode-Laser 635 +/- 10 nm CW 4 mW (Max.) (Aiming)
Diode-Laser 532 +/- 10 nm CW 4 mW (Max.) (Aiming)
EN 60825-1:2008 EN 60601-2-22:2007



CE 1984

CeramOptec GmbH
Siemensstr. 44, D-53123 Bonn



LipoLas® - Laser Lift



LipoLas®

Fibers

LipoLas® - Laser Lift

REF	Product	PU*	Length [m]	ø fiber tip [µm]
503200292	Bare Fiber 365 µm, Flat Tip, IC	10	2.6	445

LipoLas®

503500530	Bare Fiber 400 µm, Cylindrical Tip, IC	10	2.6	750
503500520	Bare Fiber 600 mic, Cylindrical Tip, IC	10	2.6	860
503500510	Bare Fiber 1000 mic, Cylindrical Tip, IC	10	2.6	1400

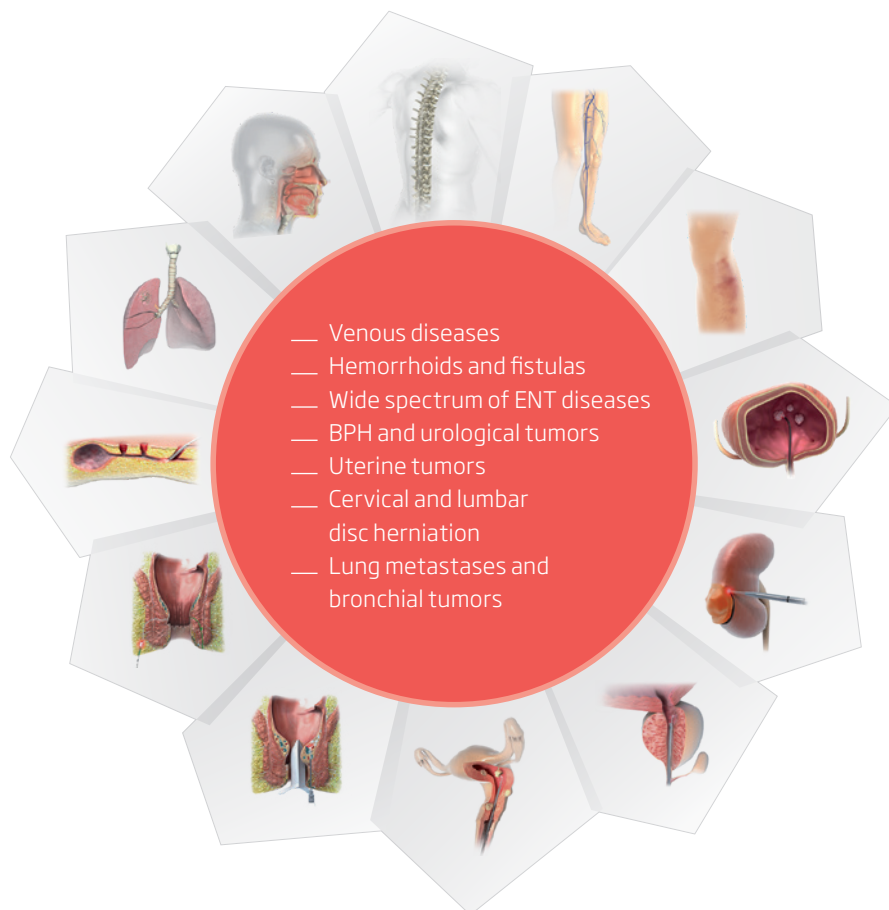
Accessories

AB5815-1	Y-Connector Pack
AB1633	Fine needle 21/150, Rev.A
400100100	Universal Dual Luer Handpiece

* Packaging unit

Contact us

to learn more about a whole new world
of minimally invasive laser therapies



biolitec® worldwide

biolitec AG

Vienna, Austria
phone: +43 1 3619 909 50
info@biolitec.de
www.biolitec.com

biolitec biomedical technology GmbH

Jena, Germany
Phone: +49 3641 519 53 0

biolitec Schweiz GmbH

Wollerau, Switzerland
Phone: +41 55 555 30 20

biolitec España

Madrid, Spain
Phone: +34 91 9910857

biolitec Italia SRL

Milano, Italy
Phone: +39 02 8423 0633

biolitec Tıbbi Cihazları Ltd. Şti.

Istanbul, Turkey
Phone: +90 216 574 7456

OOO biolitec Spb

Saint-Petersburg, Russia
Phone: +7 812 4493752

biolitec FZ LLC

Dubai, UAE
Phone: +971 44 29 85 92

biolitec laser science and technology Shanghai Ltd.

Shanghai, China
Phone: +86 21 6308 8856

biolitec Sdn. Bhd.

Selangor, Malaysia
Phone: +60 3 5569 7158

biolitec India Private Ltd.

Bangalore, India
Phone: +91 93275 11005

PT. Biolitec

Tangerang, Indonesia
Phone: +62 21 537 2994

biolitec Korea Ltd.

Seoul, Republic of Korea
Phone: +82 2 701 4707

Equipos Laser de Uso Medico y Fibra Optica SA de CV

México City, Mexico
Phone: +52 155 55 731800

biolitec BCIE LTDA

São Paulo, Brazil
Phone: +55 11 2093 8602

CeramOptec GmbH

Bonn, Germany
Phone: +49 228 979670

Ceram Optec SIA

Riga, Latvia
Phone: +371 653 25 994



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

Imprint

biolitec AG
Untere Viaduktgasse 6/9
A-1030 Wien
Phone: +43 1 3619 909 50
www.biolitec.com