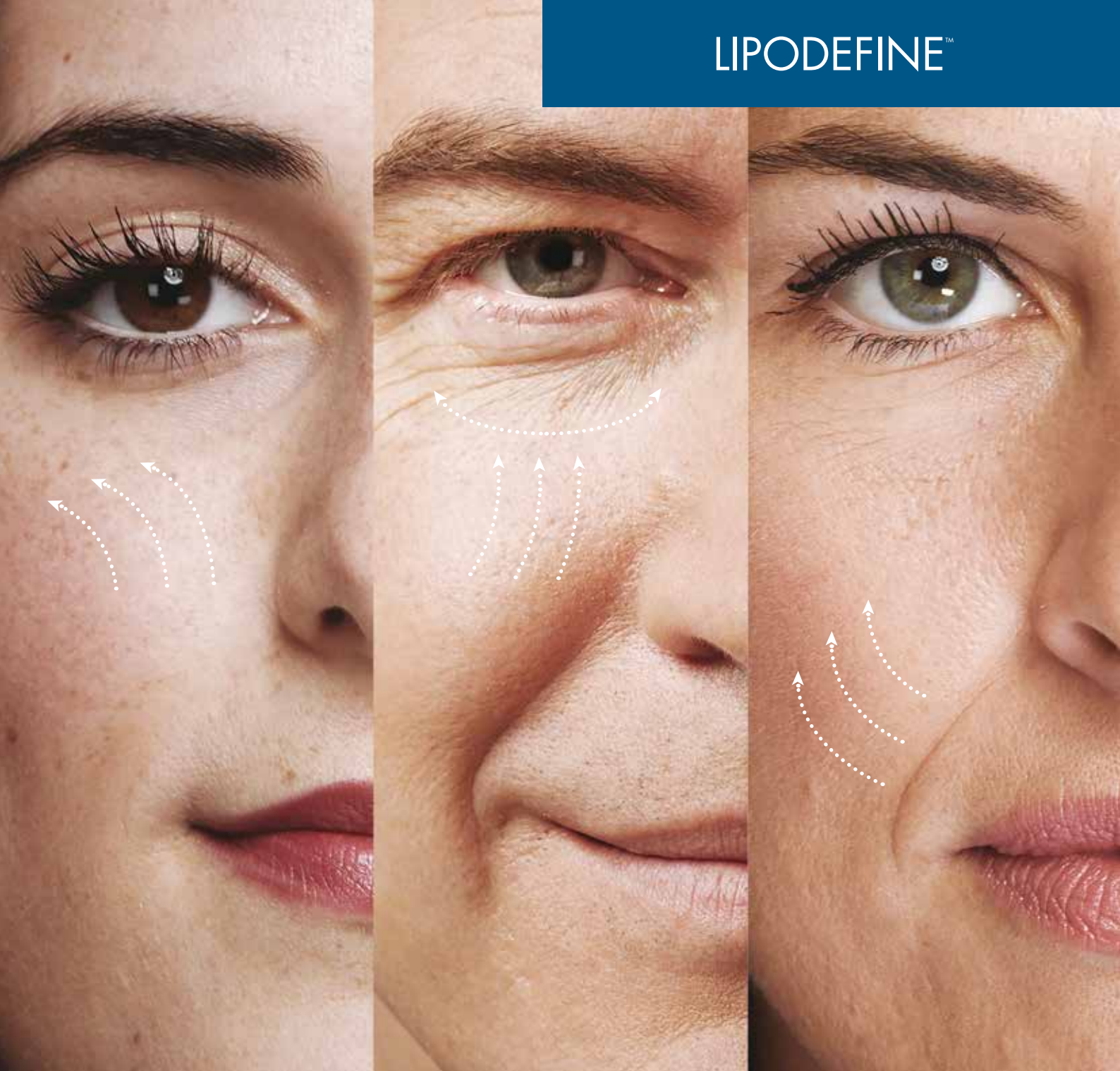


LIPODEFINE™



Facing the endolifting revolution

Lipodefine **tightens the skin** and **reduces fat** with a minimal invasive procedures

INTERmedic
LASER & LIGHT SOLUTIONS

Laser-Assisted Liposuction platform

Liposuction assisted with the 980 nm laser is a very common body contouring procedure that has been performed safely for more than forty years, thriving today also to **Endolifting** procedures, popular among professionals because of its tightening properties.

Thanks to the introduction of the latest minimally invasive procedures and the more localized treatments, the body contouring market is experiencing a growth phase.

Conventional methods of lipo sculpture has given way to less invasive technologies; this is why laser assisted liposuction (LAL) is growing in popularity and it has turned into one of the most common cosmetic surgery nowadays. Liposuction is also growing popularity for facial Endolifting because of its **powerful tightening effect**. It removes unwanted fat from targeted areas, leaving minimal scars.

INTERmedic contributes to these procedures by developing the LipoDefine™ platform for Laser-Assisted Liposuction (LAL): a technique for body reshaping but also for skin tightening (impossible to achieve with conventional surgery or liposuction).

Other men applications

- Male breasts (pseudogynecomastia)
- Muscle highlight
- Flanks/love handles
- Suboccipital folds

Liposuction is the 2nd most performed surgical procedure in the world among women and the 3rd among men¹.

Targeted areas commonly treated with Laser-Assisted Liposuction

PERIORBITAL AREAS

CHEEKS

CHIN

NECK

ARMS

ABDOMEN

HIPS

BUTTOCKS

THIGHS

OTHERS: KNEES, CALVES,
LIPOEDEMA AND ANKLES





How does **LipoDefine™** work?

The 980 nm diode laser acts via thermal effect:

the laser fiber coagulates small blood vessels, remodels the collagen and causes retraction of the skin (skin tightening). At the same time laser fiber focuses heat to emulsify and damage fat cells, causing the breaking of the adipocyte membrane, the liquidation of the tissue and the coagulation of the collagen fiber.

LipoDefine™ procedure for liposculpture consists in inserting a thin atraumatic cannula with laser fiber in the fat pocket after a very small incision (1-2 mm) of the skin. This cannula is moved continuously in the fat pocket while the fiber delivers the laser energy to the fat tissue.

Main benefits of Laser-Assisted Liposuction

- Treats difficult localized fat tissue in face and body
- Eliminates fat tissue irregularities (coming from older liposuctions)
- Skin tightening
- Local anesthesia
- Little downtime
- Decreased physician fatigue

Superiority of Laser-Assisted Liposuction compared with traditional liposuction

- Greater subcutaneous fat reduction²
- Better skin retraction²
- Greater patient satisfaction²
- Less bruising, bleeding and pain³
- Potentially less recovery period³

Facial Endolifting

Thanks to the retraction power of the 980 nm diode laser, its great affinity for the hemoglobin and the necollagensesis effect, the most superficial layers of the skin are greatly benefited and restructured



Lower third and neck remodeling with lipolaser

BEFORE

AFTER



Courtesy of Dr. Porcuna. Madrid

Facial Endolifting

BEFORE

AFTER



Courtesy of Dr. Porcuna. Madrid

Lipolaser in the upper eyelid

BEFORE

AFTER



Courtesy of Dra. Heredia. Barcelona.

Minimal invasive procedures

Surgical procedures can be performed under local anesthesia, recovery periods are usually shorter and post-operative care simpler.

LipoDefine™ can be used on an outpatient basis, its firming and reducing skin laxity power allows treating double chin, neck, malar region, lower eyelid and periocular area.

The results are obtained by introducing, without incisions, the micro fiber optics subcutaneously

Laser-Assisted Liposuction platform

Laser Liposculpture

Laser Liposculpture is a treatment that can be used in many areas of the body, even those that traditional liposuction had difficult to access. The natural effect of the Laser-Assisted Liposuction makes this a treatment of choice when thinking in quick, atraumatic and natural results.



Body reshaping

A new era for the body reshaping

The body reshaping allows to harmonize the silhouette so that the corporal expression gains in beauty and attractiveness. Lipolaser treatment is especially recommended to treat that localized fat that does not subside despite regular diet or exercise. Laser-Assisted Liposuction for body reshaping can reach areas that are more difficult with other treatments, such as the knees, ankles or calves and permits to see immediate results.

A treatment of choice for Lipedema

In the advanced stages of lipedema, only lipolaser can successfully treat a condition as excessive as it is complex. The interest of laser energy for lipedema is that in addition to facilitating the extraction of fat, it has the ability to coagulate blood vessels at the same time, limiting inflammation and bruising, in legs that already present them before undergoing surgery treatment.

Design of scars with the Laser Assisted Skin Healing mode (LASH)

Within the 980 nm diode laser the user can apply the light to improve the scar after a surgical treatment.

BEFORE

AFTER



Courtesy of Dra. Heredia. Barcelona

Extraordinary retraction of the skin, as well as a correct distribution of the volumes in a man

BEFORE

AFTER



Courtesy of Dra. Heredia. Barcelona

Liposculpture on the upper arms

BEFORE

AFTER



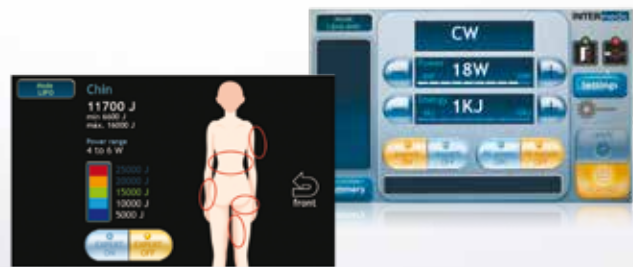
Courtesy of Dr. Porcuna. Madrid

LipoDefine™ offers an exceptional clinical practice

More than fifteen years of experience and thousands of treatments around the world, has given us an exceptional expertise that has been deployed in developing a useful software, fine handpieces, secure procedures and best medical education.

- **External power meter to check the status of the fiber:** useful to treat several areas of the same patient with the same fiber. The power meter also gives the information of the proper emission an performance of the diode.
- **Begginer and expert mode, a silhouette facilitates** access to preprogrammed doses, but the surgeon can also adjust the parameters itself. needs
- **Possibility of attaching a thermographic camera** for comfortable viewing of the temperature map.
- **Status bar for an easy following of the procedure.** Energy and time are very easily monitored

- **Interface**
Friendly interface with preset parameters. **LipoDefine™** has the minimal efficacy dose available by software which allows unexpert user to start with ease



LipoDefine™ can be upgraded for its profitability with a multi-application pack for percutaneous treatments such as face and legs telangiectasias, spider nevi, angiomas, hemangiomas, warts and venous lakes

Technical specifications

Laser type	InGaAsP diode laser generator
Wavelength	980 nm
Power at fiber output	Up tp 17W
Operating modes	(CW) Continuous and pulsed
Emission times	Adjustable from 5ms to 10s
Pause times	Adjustable from 5ms to 5s
Aiming beam	Power 5mW (max) adjustable Wavelength 625-660nm
Laser transmission system	Fiber optic 300um to 1mn
User interface	Color touchscreen
Power supply	110-240 VAC, 50/60Hz
Consumption	360 VA
Average dimensions	35 x 37 x 20cm (width, depth, height)
Weight	12 kg



LipoDefine™ by INTERmedic leads reliability

980 nm diode laser wavelength is better absorbed by fat tissue and water than other wavelengths, causing **less inflammation of the surrounding tissues** and therefore fewer side effects as swelling or pain.

Thanks to haemostatic properties of the wavelength, the procedure is almost **bloodless**, and less bruising will appear (the laser causes the small vessels to coagulate immediately).

Screen displays the quantity of delivered energy in Joules, allowing a **perfect control** of the treatment.

Cannulas are atraumatic and very thin: **incisions are very small.**

The handpiece is provided with **IN-sensor™**, an acceleration sensor technology which stops the laser emission when the cannula is stationary.

Handpiece with IN-sensor™ and cannulas

LIPOSUCTION STERILE LASER CANNULA 16G x **10 cm**

LIPOSUCTION STERILE LASER CANNULA 16G x **15 cm**

LIPOSUCTION STERILE LASER CANNULA 16G x **20 cm**



IN-sensor™ technology

Essential security for beginners and added peace of mind for experts. During the surgical procedure, if the medical professional remain still, the laser will stop emitting avoiding any excessive heating of the tissue, restoring automatically when the movement of the cannula is restarted.

Worldwide reference in laser and health solutions

INTERmedic has vast experience in the development and manufacturing of high-tech laser, radiofrequency and ultrasound solutions for medical applications as well as a firm and steady commitment to innovation and the pursuit of the most advanced medical therapies for improving people's health and quality of life. Hospitals, clinics, physicians and distributors all over the world put their trust in our medical platforms thanks to their efficiency, security and versatility.



INTERmedic

LASER & LIGHT SOLUTIONS

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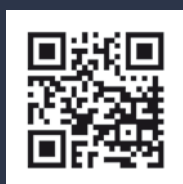
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