



 **BeautiFill**
Made by LipoLife

One step fat grafting solution,
one giant leap for aesthetics.

COMPLETE, ALL-IN-ONE SOLUTION

HIGH FAT VITALITY FOR SUCCESSFUL
ON-THE-SPOT GRAFTING

COMPACT, PORTABLE, INNOVATIVE SYSTEM

HIGH ROI, OUT-PATIENT SOLUTION

Alma

Next Generation Fat Grafting and Liposuction

BeautiFill™ is the first laser-based fat transfer technology to standardize the process, time and quality of fat transfer methods with the least amount of adipose disruption.

BeautiFill's closed-loop fat transfer capabilities combine laser, aspiration and processing into one simple step. This reduces procedure time while optimizing the entire fat transfer process.

High vitality fat collection permits successful, immediate fat grafting with years of longevity potential.

Simultaneous lasing and suctioning simplifies the procedure and significantly reduces treatment time.

Thermal energy and a unique **radial emission fiber** allows for effective, homogenous skin tightening.



“BeautiFill is more than just a complete system for a utologous fat transfer, it’s a comprehensive solution. With BeautiFill we now can achieve consistency in high fat viability, and together with Alma’s investment in training, providers can expect to maximize the longevity of their fat transfer results.”

*Daniel Friedmann, M.D.,
FAAD, Westlake Dermatology & Cosmetic Surgery in Austin, TX*

The complete solution for optimal body contouring

One of the novel features of BeautiFill is its proprietary radial tip fiber encased in a blunt Mercedes cannula. This design allows for a 360° radial emission of low-power density, which targets water and selectively creates a thermal environment that softens and detaches the fat for effortless separation during simultaneous aspiration.

In a controlled study, BeautiFill results indicated greater cell viability, along with heightened fat quality over mechanical liposuction.

Contrary to popular belief, a fat transfer procedure takes far less time than traditional liposuction because it requires far less volume. Doing fat transfer right doesn't require greater fat quantity — it requires better fat quality.

"The next generation LipoLife system by Alma has been a breakthrough for my clinic's liposuction routine. Simultaneous lasing and suction significantly cuts treatment time and makes performing procedures far less physically demanding. The system is compact while offering all of equipment and accessories we need, saving us space without sacrificing convenience."

*Dr. Alex Levenberg, Plastic Surgeon
Sourasky Medical Center*



Before

After

Before

After

-Dr. Avraham Levy, Plastic Surgeon

On-the-Spot Fat Grafting

Complete and natural aesthetic contouring solution with high fat viability

Autologous fat transfer for soft tissue contouring has become increasingly popular in recent years, setting a trend in the industry. Fat has taken on a greater role in body sculpting, particularly for breast and buttock augmentation and as a natural filler for facial rejuvenation. The immediate availability of patient's own fat, its natural integration into host tissues and its long lasting correction potential makes it a highly favorable application as it addresses patients' desire to restore volume loss and see longer-lasting results.

BeautiFill achieves a **fat vitality rate greater than 95%¹ allowing optimal utilization of the preserved fat as a perfect alternative to synthetic materials.** The procedure is quick and convenient with a fully equipped kit, allowing you to easily restore patient tissue volume.

Generally the effects of fat injection can last indefinitely, making it extremely appealing to patients looking for natural contouring procedure delivering surgical results with no surgery.

Autologous fat transfer may be particularly beneficial for patients who are allergic or sensitive to fillers such as collagen or Hylaform. With BeautiFill, autologous fat transfer is simple, safe, inexpensive and effective.



BeautiFill fat harvesting



Mechanical fat harvesting





"Laser-assisted liposuction proved more effective in preserving preadipocyte viability, while ensuring fewer blood and connective tissue contaminations in the collected adipose tissue."²

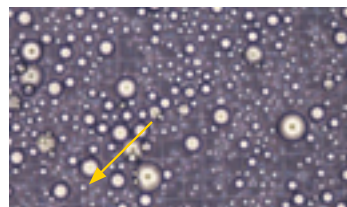
²Source: Levenberg, A., Scheinowitz, M., Sharabani-Yosef, O. "Higher cell viability and enhanced sample quality following laser-assisted liposuction versus mechanical liposuction". Journal of Cosmetics, Dermatological Sciences and Applications, 2015, 5.

Microscopic Analysis of Adipose Phase

Adipocytes harvested via laser-assisted liposuction are smaller and of higher quality whereas mechanically harvested cells are larger in diameter, with lower viability.



Mechanical Liposuction
Lipid Droplets diameter size: 20-100 um.
(Magnification x100)



Laser Liposuction
Lipid Droplets diameter size: 10-30 um.
(Magnification x100)

"BeautiFill, by LipoLife, allows us to obtain high quality, viable fat cells quickly and easily for immediate grafting. Its seamless integration with liposuction procedures makes it a convenient and highly effective solution for successful total body contouring."

*Dr. Gerhard Sattler, Dermatologist
Rosenpark Klinik, Darmstadt, Germany*

Simultaneous Lasing and Suction

LipoLife features an integrated cannula and fiber interface which allows for simultaneous lasing and suction. This unique interface allows physicians to pass through the tissue more easily and remove fat cells quickly and efficiently.

As laser energy is delivered to the tissue, the laser cauterizes blood vessels rather than causing them to rupture as with mechanical liposuction.

This minimizes bleeding, swelling and body trauma such as hematomas, edema and bruising as well as minimizing post-operative pain.

Simultaneous lasing and suction creates a **one-step process** which significantly reduces the amount of physical effort required to perform liposuction procedures, especially in cases with fibrous tissue such as Gynecomastia. The mechanism simplifies the procedure, reduces total treatment time compared to other energy-based techniques, prevents operator fatigue allowing more treatments to be performed per day and achieves optimal clinical results with reduced patient downtime.

Infiltration and suction system

The ultra-quiet, powerful aspiration system features three pumps for high powered operation: a peristaltic pump for infiltration of tumescent anesthetic mixtures and two aspiration pumps for fat suctioning.

Skin-Safe Unique Angel™ Emitting Fiber

LipoLife features the unique Angel™ radial emission fiber integrated into a Mercedes perforated-tip cannula which emits energy in a 360° pattern. Radial emission lasing is a low-power density approach with multiple benefits:

- Minimizes the risk of burns
- Distributes energy evenly throughout the treatment area
- Removes fat cells quickly and covers greater tissue area, allowing for fast treatment
- The fiber's radial emission pattern allows safe, homogenous and more efficient skin tightening during the procedure



Laser



Mechanical

Courtesy of Dr. Alex Levenberg, Plastic Surgeon, Sourasky Medical Center

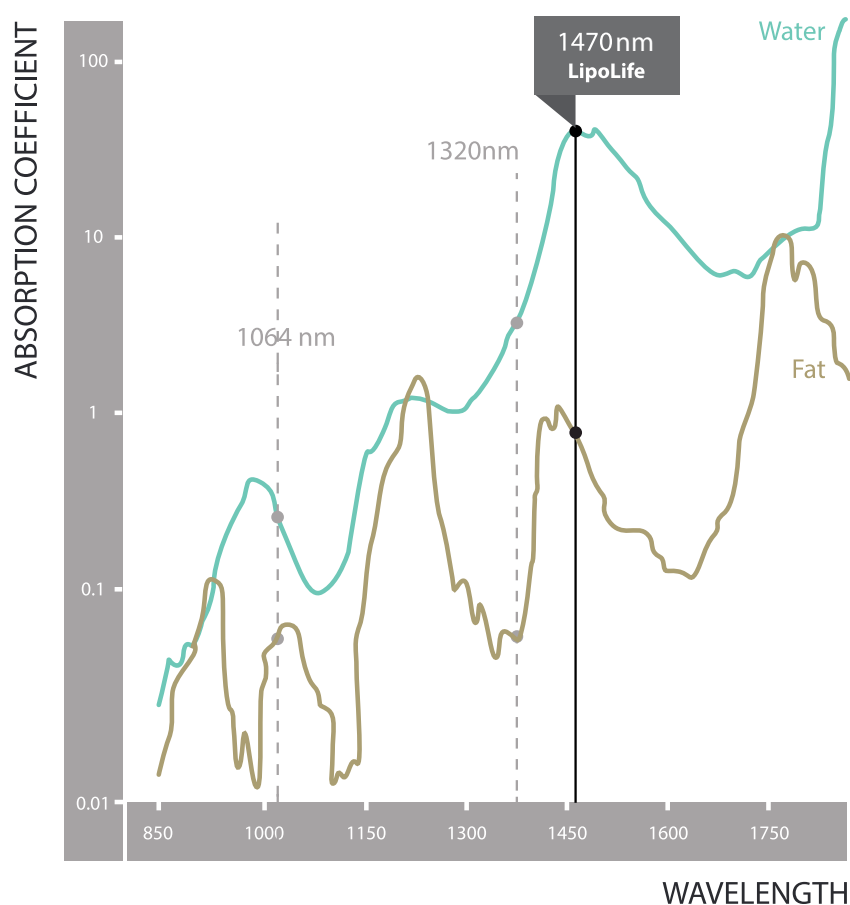




Alma's New Canister for Easy Fat Harvesting and Filtration

The newly launched canister allows efficient filtering out of blood and tumescence during the liposuction treatment and enables easy fat intake in close or open system for an immediate injection of the fat after the liposuction procedure.

State-of-the-Art Technologies



Optimal Wavelength

LipoLife uses the 1470 nm wavelength which specifically targets water in soft tissue and features a higher absorption rate than all other competing devices. This allows for optimal fat removal with minimal tissue damage. Laser energy is delivered at a low power density for maximum safety, minimizing the risk of burns.

1470nm
LipoLife

Skin Tightening Benefits

In addition to achieving effective lipolysis, the thermal energy generated by the 1470 nm diode laser contracts existing collagen and elastin fibers and stimulates the formation of new collagen for firmer, tighter-looking skin. This is particularly important for delicate areas such as the face and neck as well as for areas of cellulite.

In effect, LipoLife targets cellulite precisely at its source within the underlying structural tissue. Laser energy is directed beneath the skin, separating the skin from adipose tissue, effectively breaking up pockets of cellulite and restructuring the skin for a smoother appearance.



Courtesy of Dr.Dinko Kaliterna, Dermatologist, Poliklinika Poliderma Zagreb, Croatia

Courtesy of Dr.Avraham Levy, Plastic Surgeon

Areas of Treatment

All areas of the body can be effectively treated with LipoLife. These include areas that are not easily accessible using conventional liposuction such as the chin, face and neck as well as larger areas with extensive fat deposits. In addition, LipoLife simplifies specialized treatments such as fibrous Gynecomastia.

"The integration of Alma's laser fiber into the liposuction procedure has opened a new range of treatment possibilities for my practice. The unique 360 degree design gives me greater control and precision as well as a greater field of interaction with the tissue, allowing for maximal fat removal as well as simultaneous skin contraction."

*Dr. Eyal Shapira, Plastic Surgeon
Assaf Harofeh Medical Center*

Extended Offerings

LipoSense™ Temperature Control

LipoLife features a closed loop, temperature-sensing cannula that continuously monitors subdermal temperatures during laser-assisted lipolysis, body contouring and small area procedures. Laser energy is delivered to the tissue until the target temperature is reached, achieving precise, uniform treatment.

Intuitive software allows you to define a maximum temperature limit for the procedure. If subdermal temperature exceeds the limit, the system will automatically stop, preventing thermal tissue damage.

LipoSense™ temperature control enables you to perform precise body contouring with greater efficiency and safer results.

Tightening LipoTight™ Cannula

In addition to the skin tightening benefits of LipoLife's laser-assisted liposuction procedure, LipoLife also offers a dedicated tightening cannula with a flat multi-use laser fiber, designed exclusively for office skin tightening procedure of the sub-mental area and the neck. Laser energy is delivered directly underneath the skin above the hypodermis to treat areas of skin laxity submental area such as nasolabial folds, jowls and neck. The skin tightening cannula may also be used for post-facelift touchups including addressing any asymmetry or loose skin.





A Complete, all-in-one Solution

BeautiFill's compact, multi-modal system delivers the flexibility and responsiveness physicians need for fat grafting, liposuction and skin tightening procedures of any scope, for use in both private clinics as well as hospital settings. All of the required tools and equipment as well as a complete set of accessories are conveniently organized in a **quiet, portable plug-and-play unit**.

Infiltration and Suctioning Modality: peristaltic pump for infiltration, aspiration pump for suctioning, and suction cannulas for face and body. Also provides all required accessories including a canister for waste fluid collection and a full kit including all required sterile tubing and disposable waste bags.

Simultaneous Lasing and Suction: 1470 nm diode device, Angel™ radial emission lasing fibers in various diameters, vibrating device and cable, LipoSense™ temperature control cannula and multi-use LipoTight fiber, including stripping and cleaving set.

Sterile Fat Grafting Kit: micro-cannulas, precision needles in various diameters, anaerobic transfer, sterile canister for viable fat collection, and multiple syringe stand.

FDA & CE APPROVED

Benefits



Complete, all-in-one solution



High fat viability for immediate grafting with no need for fillers



Compact, portable, neatly-organized unit



Maximum patient safety- with low power density lasing and local anesthesia



Fully-equipped liposuction and fat grafting kits



High ROI - multiple treatment options, outpatient procedures and short treatment time, for maximum returns



Suitable for both hospital settings and private outpatient clinics



Advanced treatment alternative for more extensive aspects of liposuction with non- surgical devices



Vast range of filler procedures based on natural resources



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Alma is a world-leading provider of energy-based solutions for the surgical, medical aesthetics and beauty markets, delivering cutting-edge technologies to our partners and customers. We are firm believers in the power of science, redefining the industry through an endless desire to innovate and drive the global industry forward

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