

Adipologie®

REJUVENATE YOUR SHAPE



***WE INVENTED BODY
REJUVENATION***

- Created by professionals with over *20' years experience in the aesthetics medicine industry.*
- **Spanish Company that manufactures and distributes Aesthetic medical devices**
- We adapt the technology developed in the field of medicine to the aesthetic treatment sector



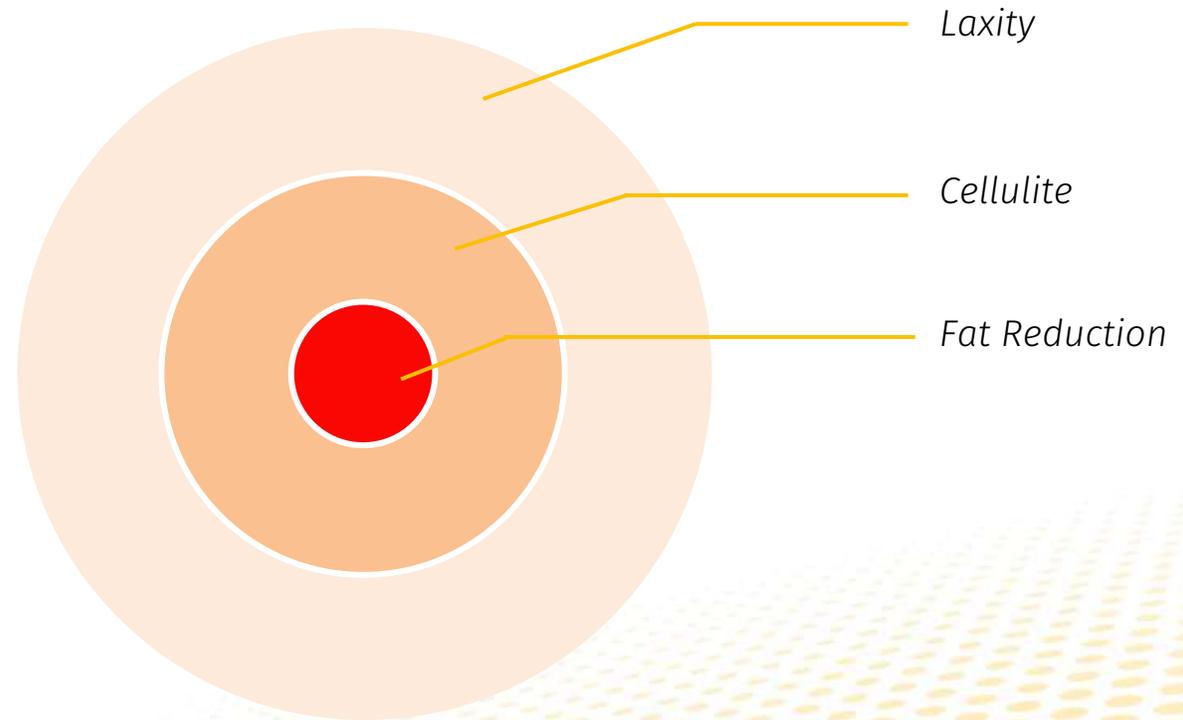
- We exhibit and speak at the most important national and international conferences.
- Emerging growth, and in full international expansion
- Research + Development + innovation.



***CLINICAL CHALLENGES OF
BODY CONTOURING***

MULTIPLE TECHNOLOGIES

- Radiofrequency
- Ultrasounds
- Laser
- Vacuum
- Electrostimulation



INDICATIONS

- Localised fat
- Generalised fat linked to diet
- Cellulite
- Oedematous cellulite
- Compaction of dermo-hypodermic tissue
- Body shaping, remodelling
- Pre liposuction (tissue preparation)
- Post liposuction (fat deposits and compaction)



RESULTS

- Non-invasive liposculpture
- Ultra firmness
- Reduction
- Body rejuvenation
- Softer and smoother skin
- Coadjuvant for other technologies



WHAT IS LFU?

AIM: TO ACHIEVE PLASTICITY OF THE
HYPODERMIC TISSUE

MECHANICAL EFFECT

Unique and patented technology, based on multi-focal US with low mechanical index.

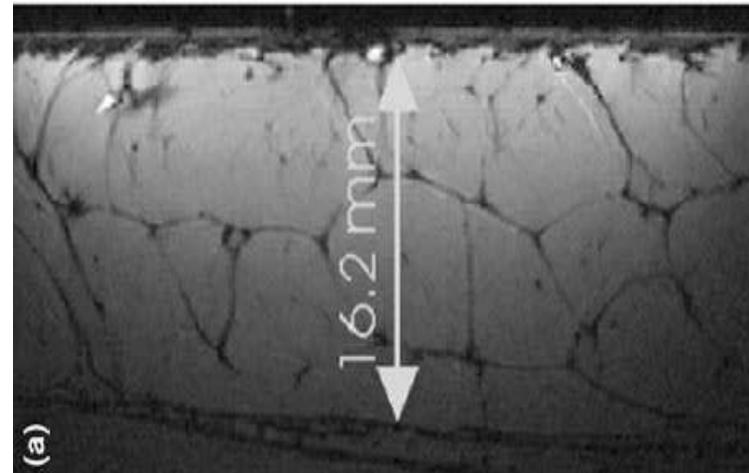
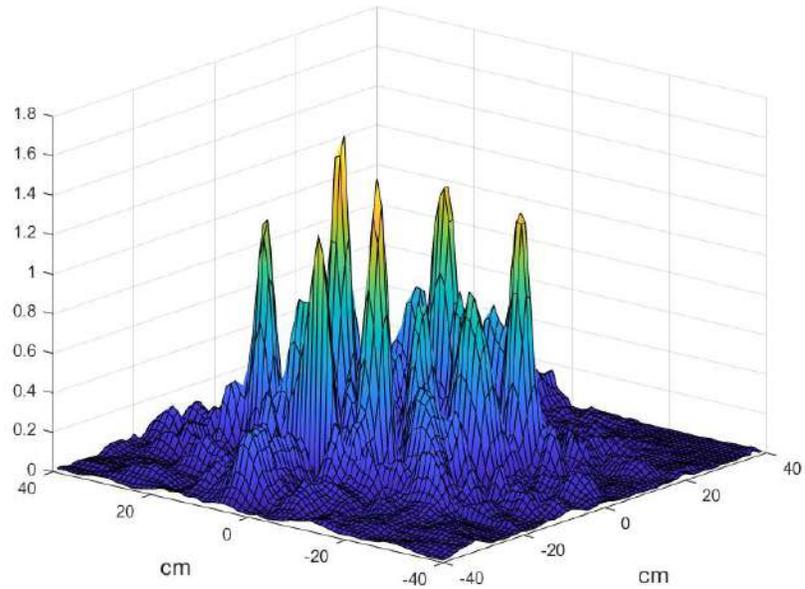
The energy is delivered in a multi-focal way, acting on a larger area and achieving better results.

The mechanical action of our LFU technology generates positive and negative pressure on the adipocyte and thanks to its hyperplasticity, a cell stress effect is achieved stimulating lipolysis and acting as a natural catalyst, without affecting the tissue.

The mechanical effect acts on all the dermo-hypodermic tissue, due to its high level of collagen by stimulating collagen regeneration, a compacting effect and body rejuvenation by bioregeneration is achieved.



MULTI-FOCAL EMISSION



Adipologie introduces a multi-focal technology with low mechanical index ultrasound:

- Results right from the very first session
- Non-invasive body contouring
- No surgery
- Painless
- No side effects
- The only treatment to regenerate collagen in the hypodermis
- Long-lasting effects
- Acts selectively on dermo-hypodermic tissue
- Frequency (<500 Khz) thanks to LFU
- Fast treatment, less than 20' on the abdomen
- Complies with EN 60601 standards



SYMMETRICAL PULSE

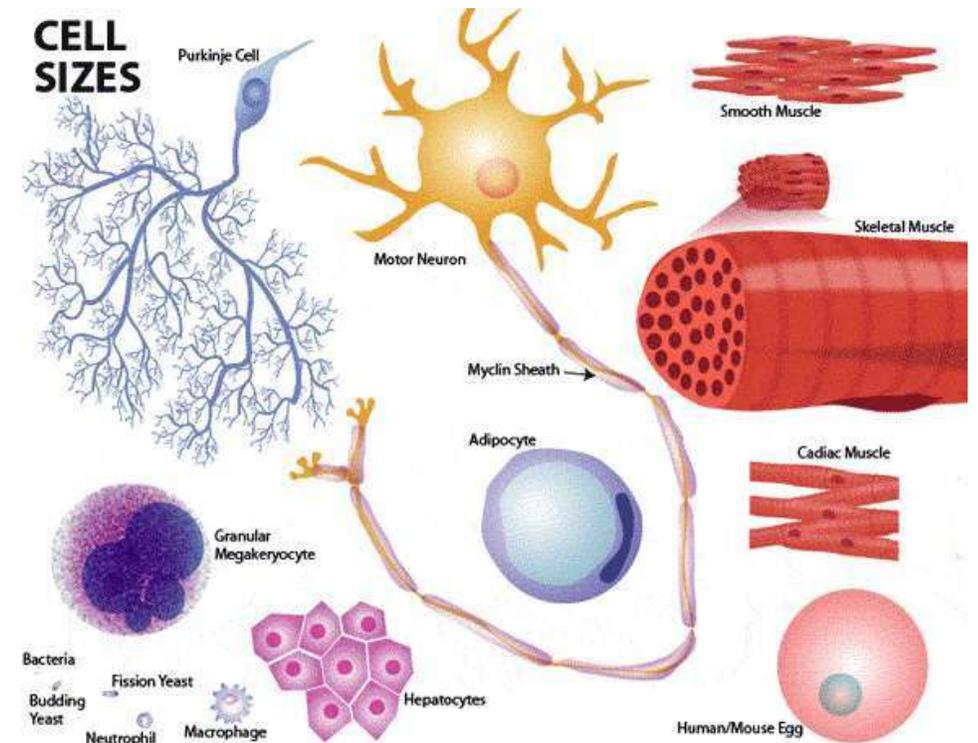
Adipologie uses a symmetrical pulse emission, with uniform delivery. This allows for a stable pulse line and control over the work carried out on the tissue, without any heat or damage.



TISSUE SELECTIVITY

Adipocyte selectivity (with no side effects):
direct relation of the frequency emitted (<500 KHz) and the resonance frequency of each tissue according to its size and specific geometry.

- *RBC ~ 6-8 μ m*
- *Muscle cell ~10 μ m*
- *Bone cell ~15 μ m*
- *Nerve cell ~ 4 μ m*

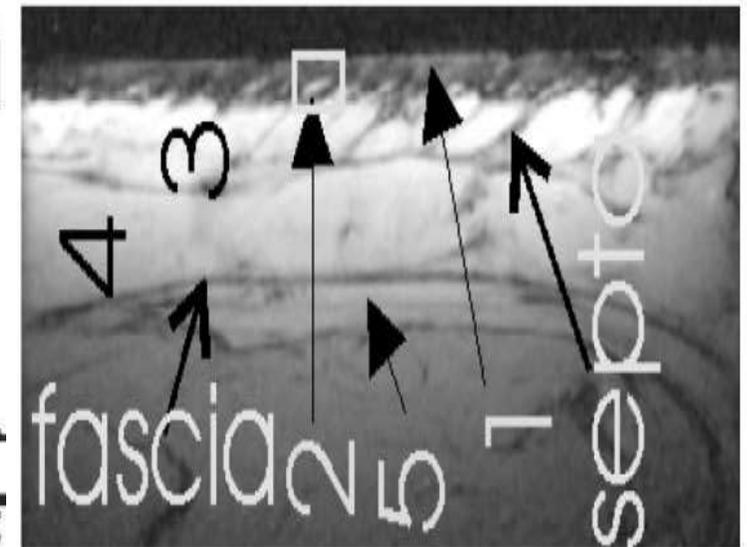
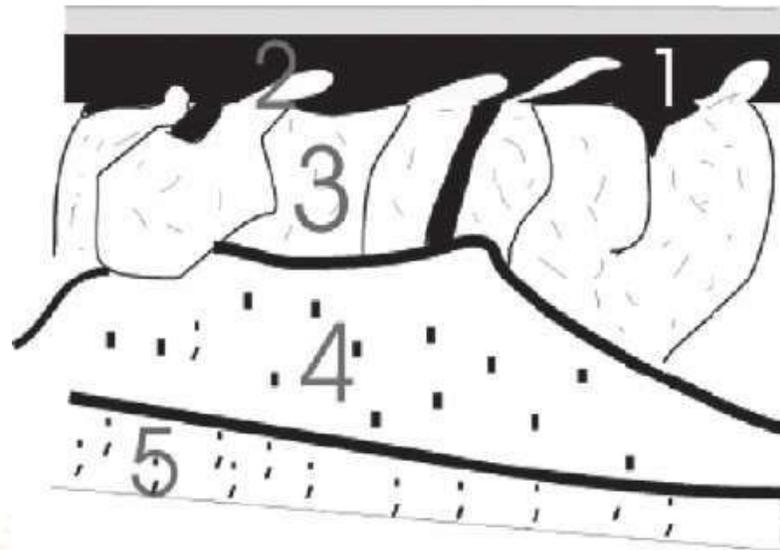


THE HYPODERMIS

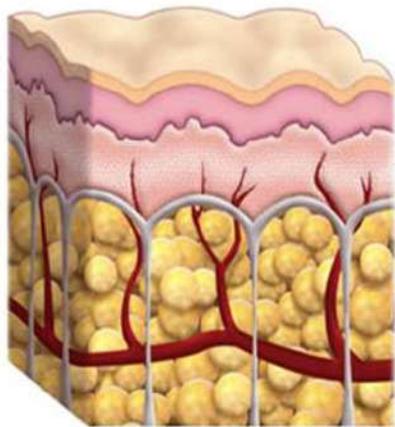
HOW DO WE REJUVENATE IT AND WHY?

HEADING MISSING

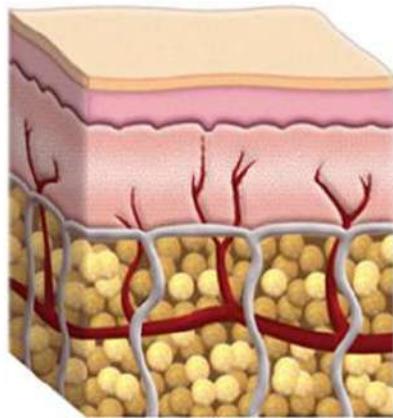
- Dermis
- Dermo-hypodermic junction
- Areolar layer (hypodermis)
- Lamellar layer (hypodermis)
- Fascia



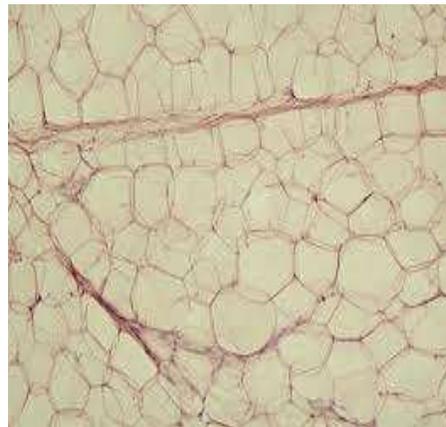
ENCAPSULATED HYPODERMIC FAT



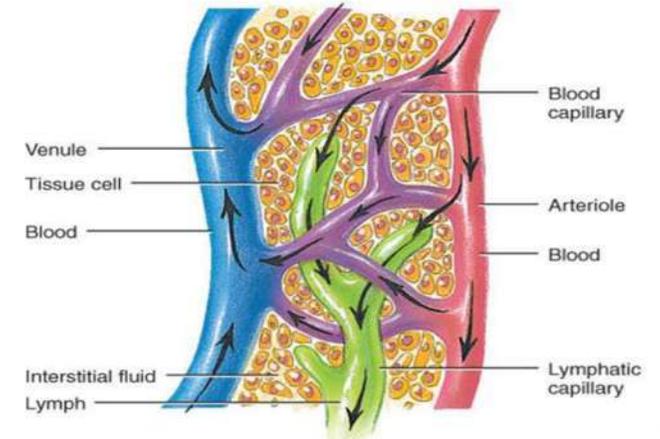
Hypertrophied tissue



Healthy tissue



Connective tissue surrounding adipocytes

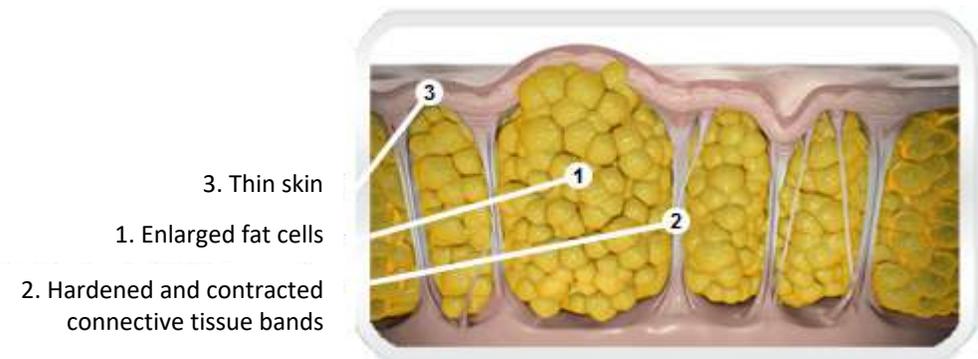
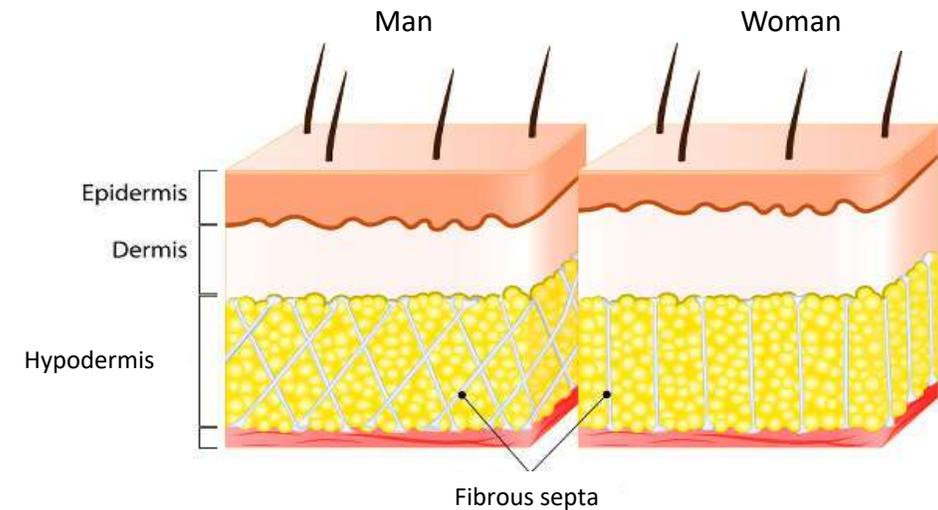


(a) Relationship of lymphatic capillaries to tissue cells and blood capillaries

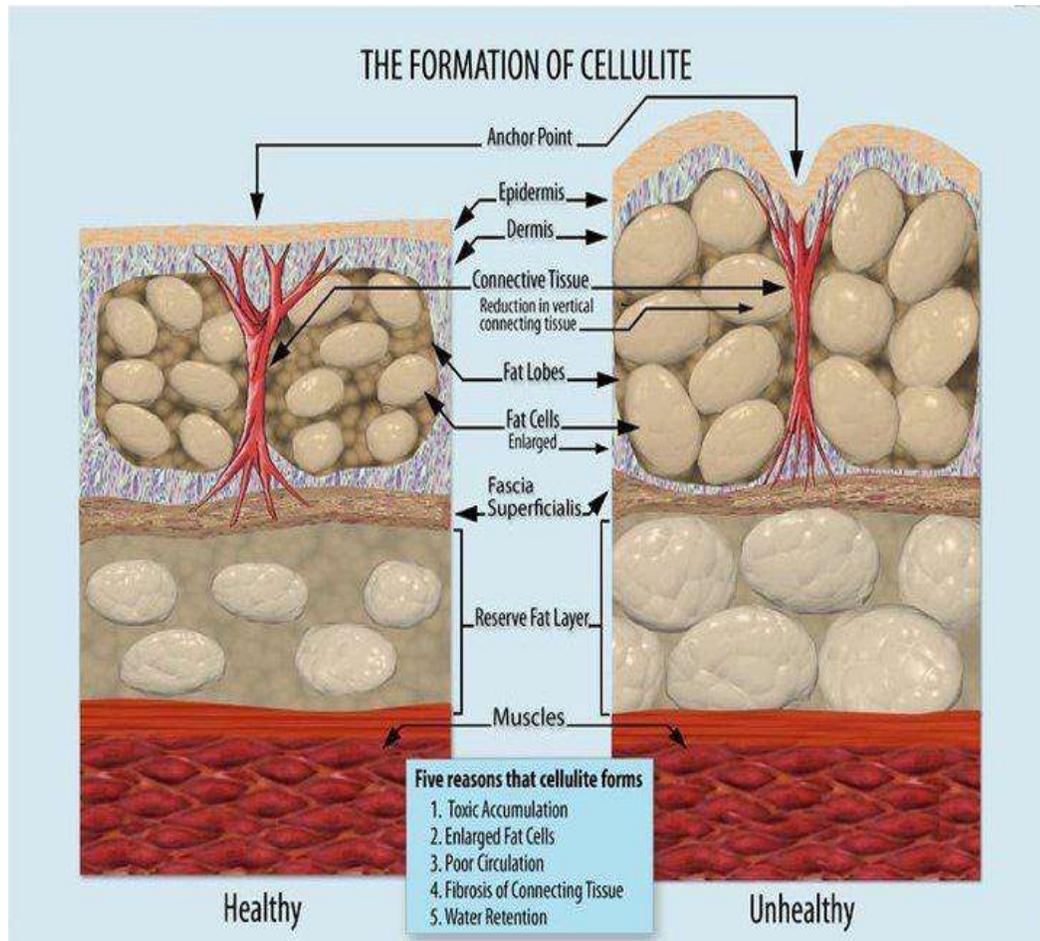
Relationship between adipocytes, lymphatic and venous circulation

WHAT CAUSES CELLULITE?

- Hormonal factors
- Sedentarism
- Smoking / alcohol abuse
- Genetic inheritance
- Contraceptives
- Circulations problems

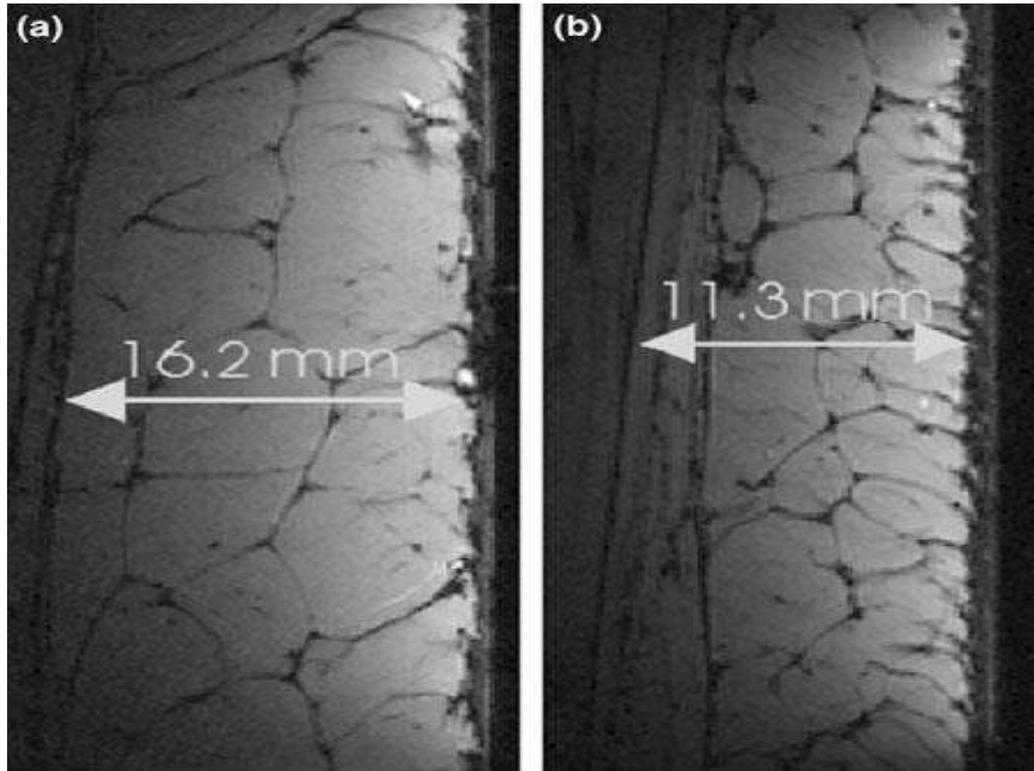


Hypodermic / Hypertrophy Vs. Healthy tissue cross section



CLINICAL CHALLENGES OF BODY CONTOURING

HYPERTROPHY  **HEALTHY TISSUE**



HYPODERMIC PLASTICITY

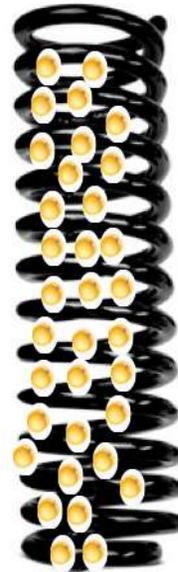
THE AIM OF ULTRASOIC EMISSION



Low Frequency (<500 kHz)



Low Intenisty (< 1 W/cm²)



***LIPOLYSIS AND FAT
METABOLISM***

LIPOLYSIS AND FAT METABOLISM

Lipolysis is the metabolic process by which the body's lipids are transformed to produce fatty acids and glycerol to cover energy needs. The set of biochemical reactions that are lipogenesis in reverse. It is essential for obtaining energy. The oxidation of triglycerides provides more than double the metabolic energy (ATP) by aerobic organisms, and releases a lot of energy.

Thanks to this "fuel", fatty acids, amino acids and glucose, the mitochondria are able to synthesize ATP and supply most of the energy needed for cell activity.

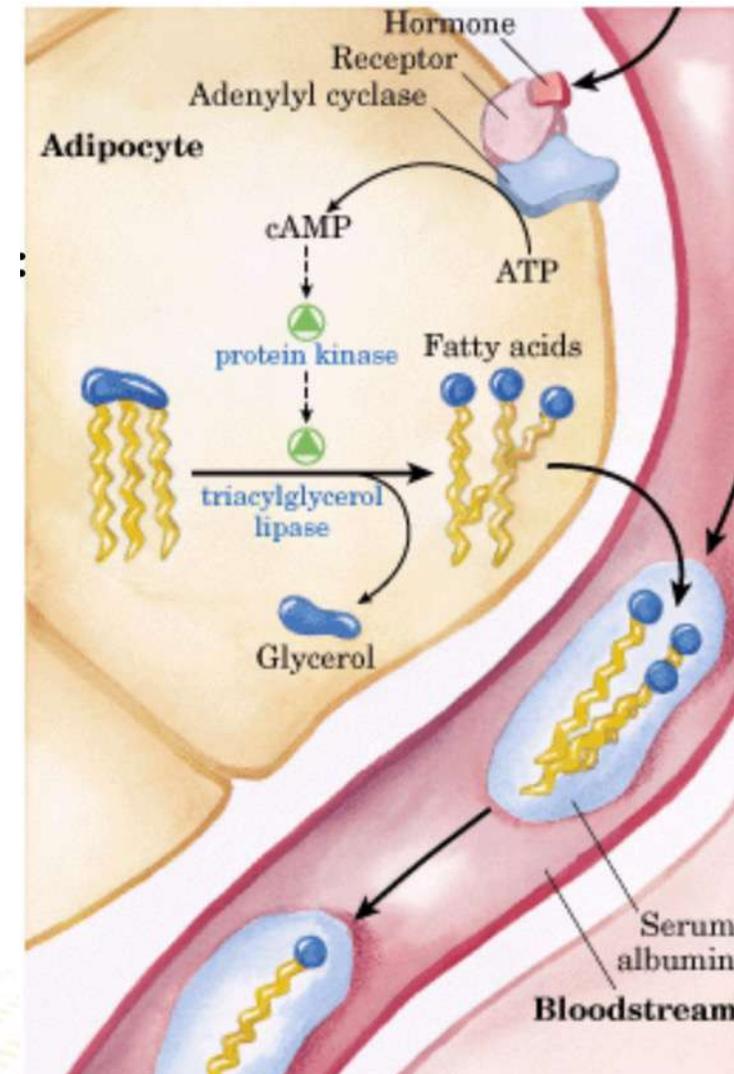
When the body uses fat stored for energy, glycerol and fatty acids are released into the bloodstream. Glycerol can be converted into glucose in the liver, supplying energy for cell metabolism.

LIPOLYSIS

Metabolic process in which the body's lipids are transformed to produce FA and glycerol to cover energy needs.

Once released from the adipocytes, the FA are transported to the tissues. They are used by the cell in the tissues to produce energy. The use of this energy varies, depending on the tissue and the metabolic state of the body.

Heart and skeletal muscle rely most heavily on fatty acids as a source of energy.

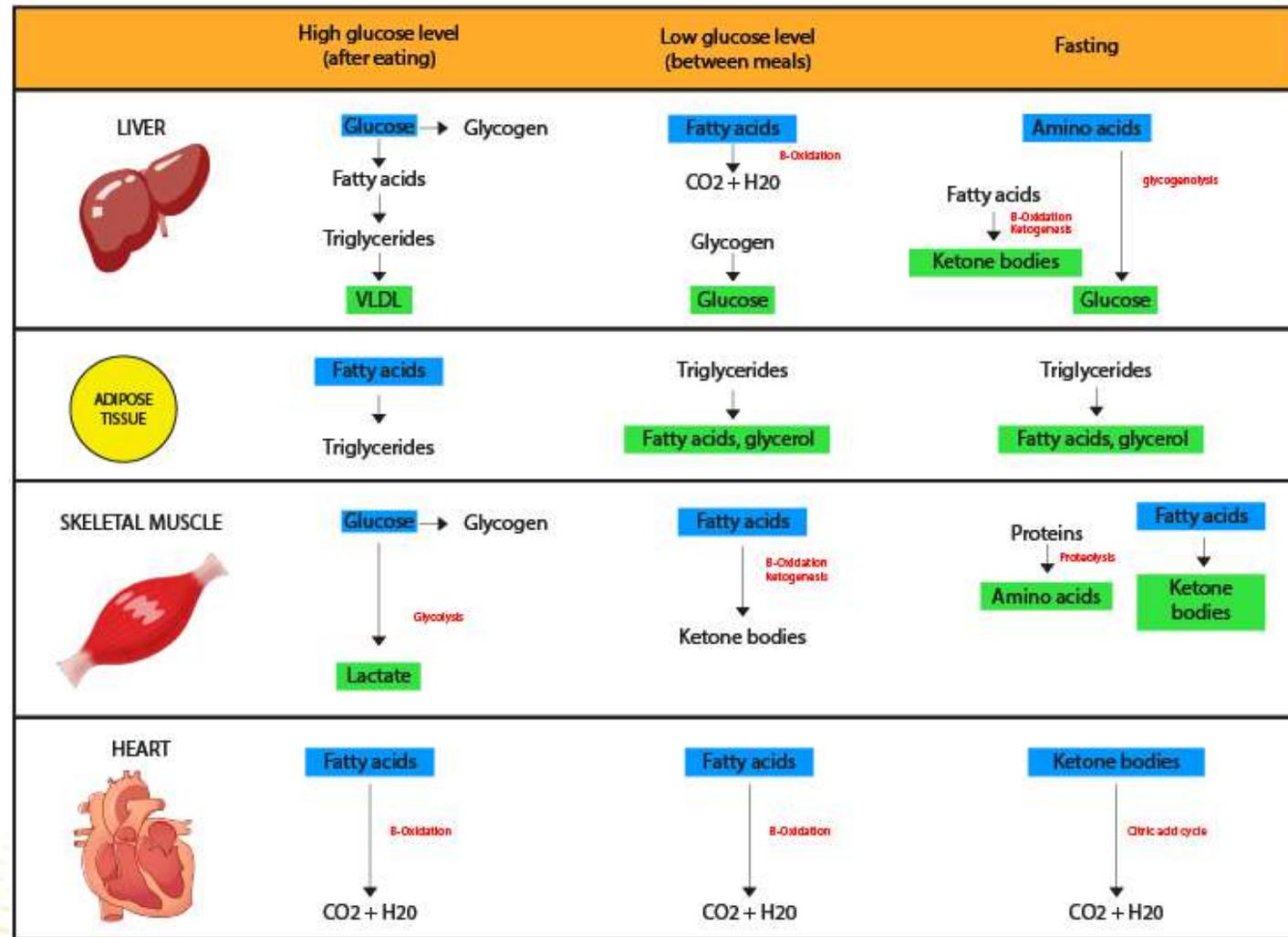


Storage mobilization and use of fuel in different tissues and different situations

Liver
FA exchange in lipoproteins

Muscle
FA consumption

Heart
Aerobic; FA, KB, lactate and glucose



COLLAGEN STIMULATION

The mechanical effect produced in the hypodermis stimulates the production of the collagen that surrounds the adipocytes, that is, all the connective tissue. Therefore, it also stimulates collagen and the regeneration of elastic fibres in the dermis.

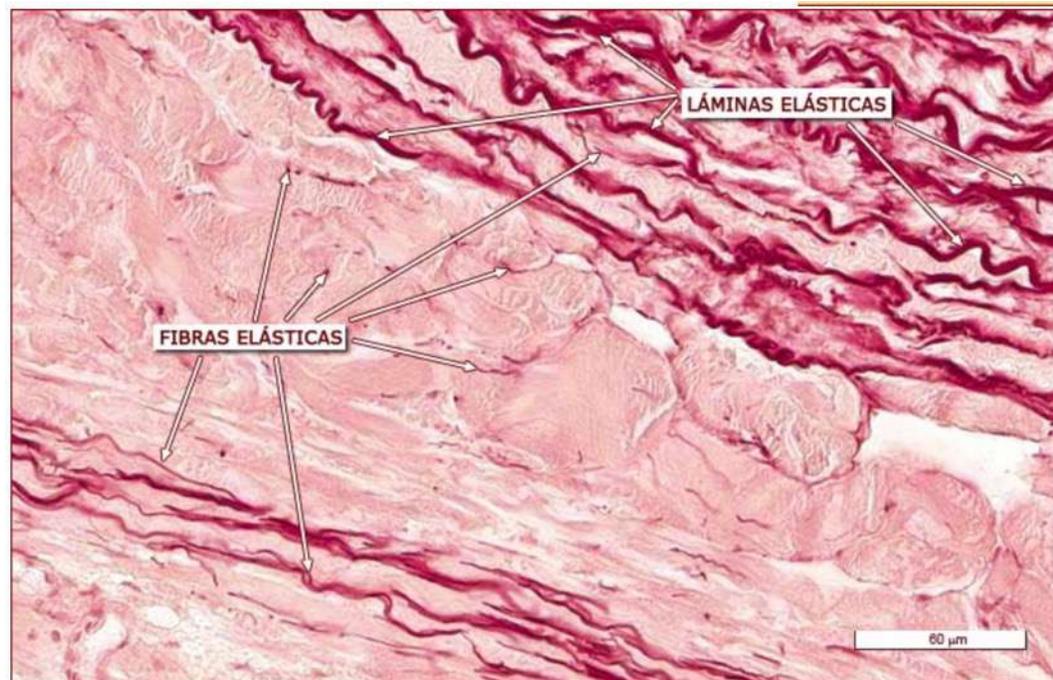
We are proud to say that our LFU technology is the only one that stimulates collagen in the hypodermis in a non-invasive way and without damaging the tissue.

It has also shown a decrease in the number of elastic fibres in the dermis, that is, it is able to treat elastosis and rejuvenate the tissue.

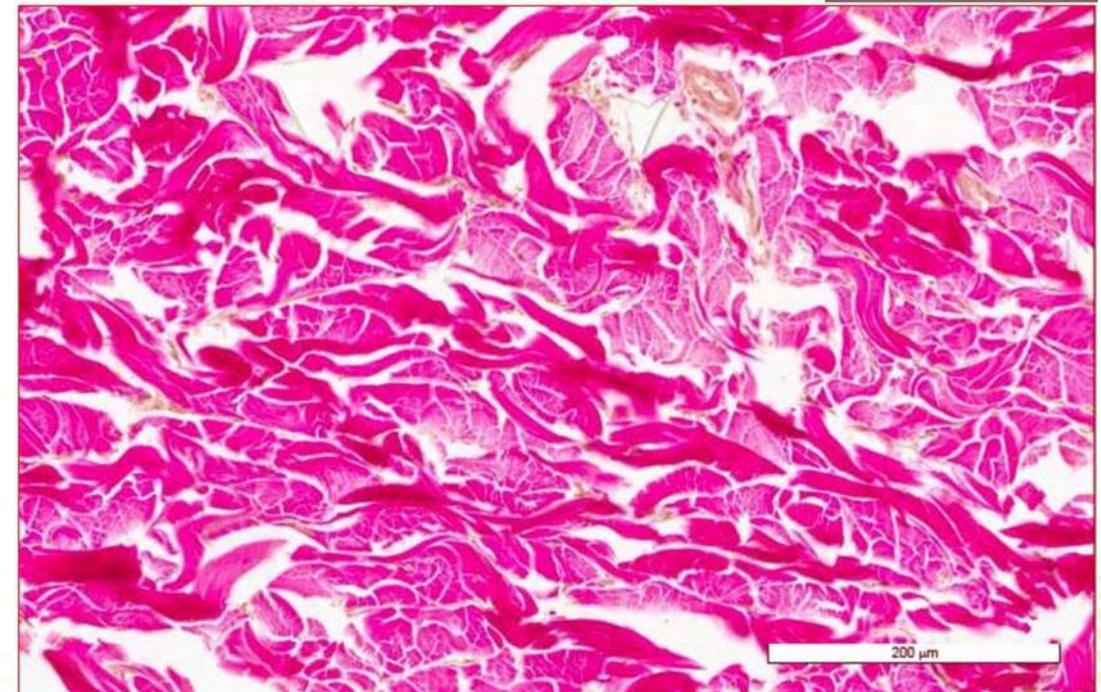


TISSUE COMPACTION AND REJUVENATION

ELASTIC FIBRES



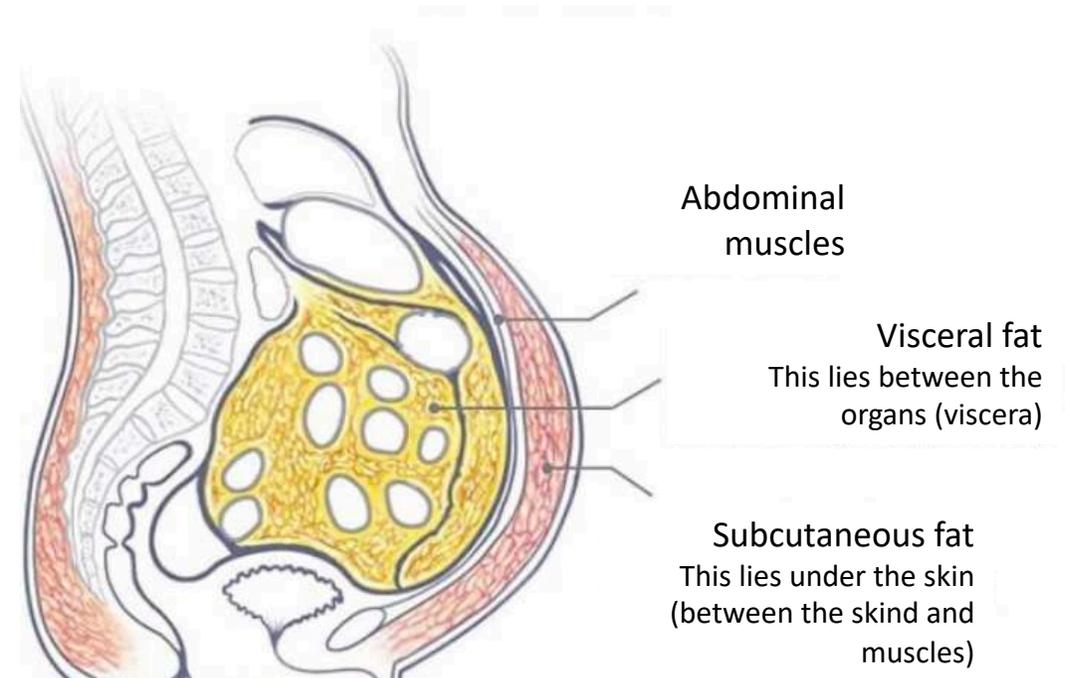
COLLAGEN FIBRES



VISCERAL FAT

This treatment does not act on visceral fat, this type of fat responds to diet and exercise, i.e. healthy lifestyle habits.

To differentiate one from the other, we only have to pinch the abdomen. Visceral fat is not pinchable.



CONTRAINDICATIONS

Total

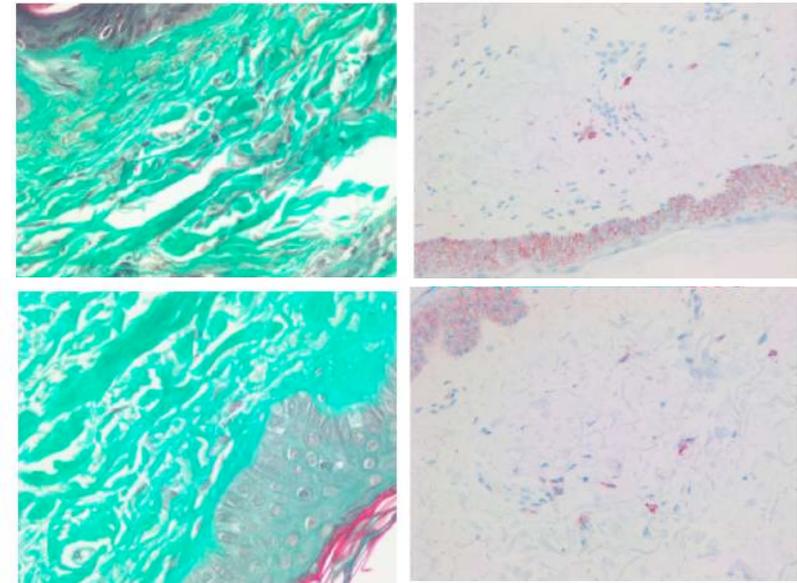
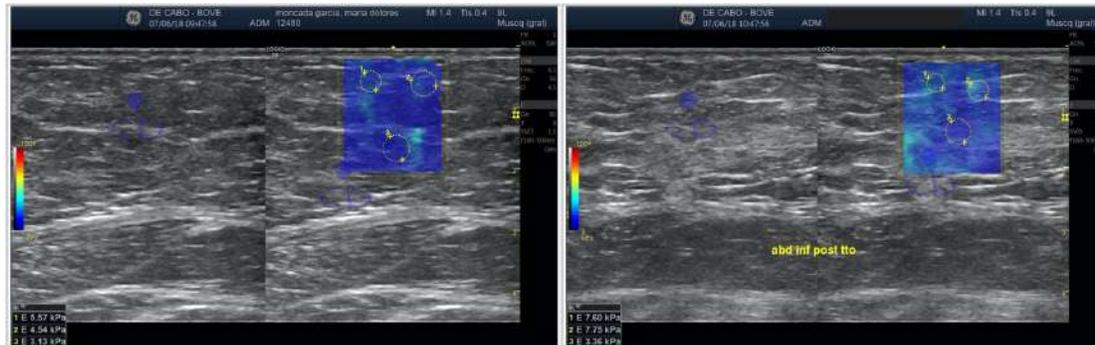
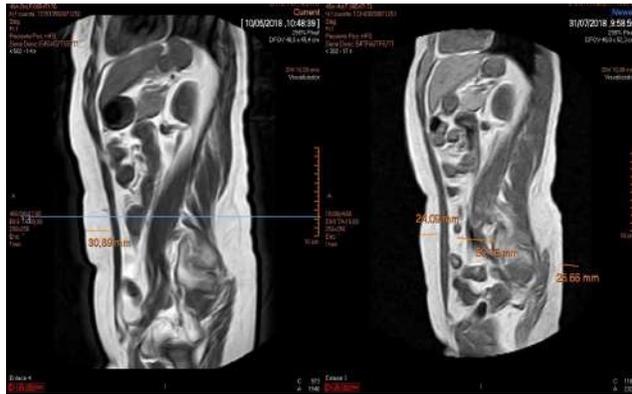
- Pacemakers and automatic defibrillator
- Pregnancy, IVF procedure and reastfeeding
- Oncological processes (without authorization from the specialist physican).
- Intra dermal mesh
- Irritated skin or allergic reaction
- Insulin pumps
- Autoimmune diseases.

Relative

- Hypertension
- Fatty liver
- Clots in diabetic patients.
- Recent surgical procedures
- Current medication

TECHNOLOGICAL STUDIES

BEFORE 2 MONTHS AFTER
2 SESSIONS



BEFORE

14 DAYS AFTER
1 SESSION

***ADIPOLOGIE TREATMENT
PROCEDURE***

STATIC PROCEDURE

Duration: 20 minutes, depending on the area to be treated and the procedures used.

This procedure is indicated to reduce localised fat and fibrous cellulite.

Mark the localised area to be treated.

You can perform 2 or 3 sweeps depending on the time you have and the volume of fat to be treated.

Possible power level to apply, depending on the number of sweeps you want to perform:

- Sweep 1 Low*
- Sweep 2 Medium Low*
- Sweep 3 Medium*

Wait 2 weeks before treating the same area again.

In an area of 10 cm x 10 cm 100 pulses per sweep would be emitted.

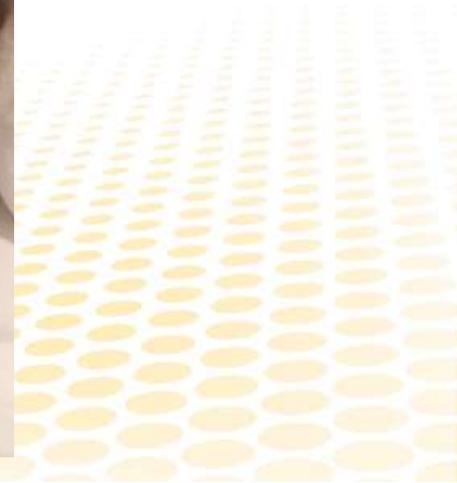
It is very important to put plenty of gel on the tissue, and to keep replacing the gel inside the cap (do not reuse the gel from one area for another area). The handpiece must rest fully on the tissue.

Avoid the area around the navel, the subgluteal fold and the popliteal fossa.

STATIC PROCEDURE

Step by step

1. Mark the localised area to be treated
2. It is advisable to apply vacuum therapy or manual treatment to defiber the area, in the case of compact cellulite.
3. LFU: Apply 2 or 3 sweeps at different power levels.
4. It is very important to use a small rolled-up towel to bring the fat together in one sport and work on it more effectively.



DYNAMIC PROCEDURE

Indicated for the treatment of oedematous fat, oedematous cellulite, tissue compaction and shaping.

It is important to remember that in this procedure you do not have to use a towel, as you need to see the appearance of the tissue in order to shape it more effectively. Apply a thin layer of gel, and keep replacing the gel inside the cap, and repeat each movement 3 or 4 times in a row at each depth.

This procedure is carried out with constant movement, the handpiece should not stop moving at all until all the pulses have been emitted.



DYNAMIC PROCEDURE

5 sweeps will be applied in all cases, as the aim is to stimulate neocollagenesis in the hypodermis.

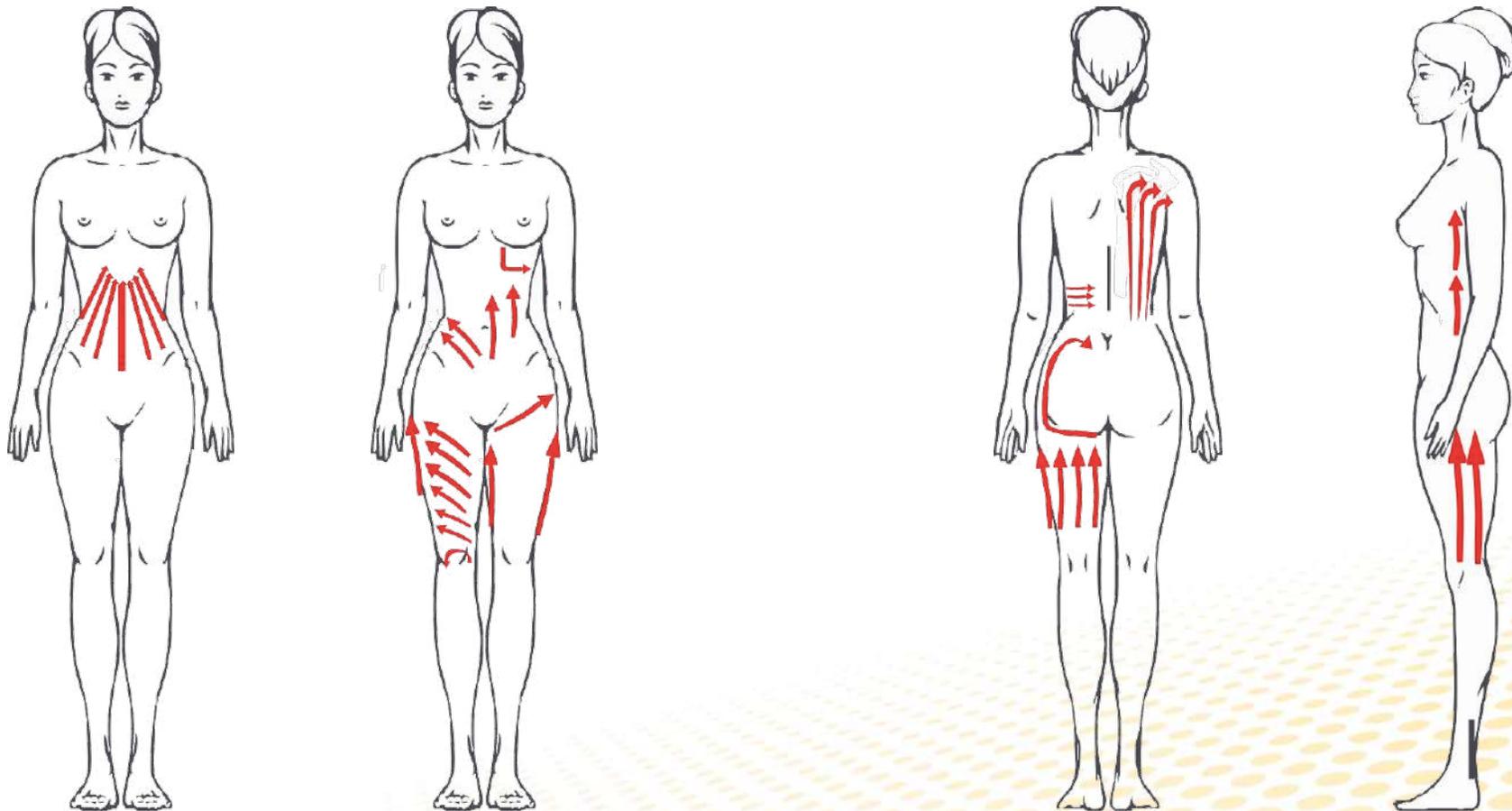
- 1 Sweep Low*
- 2 Sweeps Medium Low*
- 3 Sweeps Medium*
- 4 Sweeps Medium High*
- 5 Sweeps High*

Power level to apply depending on the number of sweeps:

This can be combined with the static procedure: on the same day. the following week, or two weeks later, it does not matter when.



DYNAMIC PROCEDURE TRACES



CONTRAINDICATIONS

TOTAL

Oncological processes, pregnancy and breastfeeding, pacemakers, insulin pumps, post-hernia umbilical meshes or any other mesh fitted in the abdomen. Do not apply the treatment to outbreaks of psoriasis, atopy, or any other allergic skin reaction, as you must wait until the skin is healthy and in good condition. Do not emit the pulses directly on scars, although you can apply the treatment around them. Never apply the treatment to an area where there is a prosthesis at a depth of less than 1 cm.

RELATIVE

People who are on anticoagulants or are diabetic. People on anticoagulants can be treated although bruising may appear, and diabetic people can be treated although if a burn should occur regeneration would be somewhat slower.

ALWAYS CHECK FIRST IF IN DOUBT

***PRESS &
TESTIMONIALS***

Adipologie: the ultrasound of the queen of aesthetics, Carmen Navarro

Most of the famous faces of our country pass through the doors of her salons in Madrid, Valencia and Seville (she is known as the beautician of Queen Letizia, among other celebrities). Carmen Navarro has over 40 years' experience in the field of aesthetics and she is known for bringing the most innovative treatments on the market to Spain. She recommends we try Adipologie in this battle for body shaping: "It uses ultrasound with a low mechanical index to provide total firmness from the inside. It is the ultimate way to get rid of cellulite and fat, compacting the tissue and effectively shaping the silhouette". Here's how it works: the Adipologie technology deposits multi-focal energy in the tissue to stimulate it. In this way, it gets rid of localised fat, shaping the silhouette where it is most needed. Navarro considers it ideal for saddlebags, the inner thigh and flanks: specific areas where fat builds up and is resistant to diet and physical exercise. In addition, it is fast (the sessions take 70 minutes, three every 15 days are recommended), painless and with a long-lasting effect: "after just one session you can see a reduction of up to 2.5 cm in the area treated and the results are visible one month after the treatment", she explains.



ADIPOLOGIE: THE SHAPING POWER OF LOW FREQUENCY ULTRASOUND

Patented technology using high intensity and low frequency ultrasound that deposits mechanical-thermal energy (by magnifying glass effect) in the tissue. The aim is to trigger the phenomenon of adipocytolysis in order to achieve effective, visible and long-lasting body contouring. This technology is perfect for destroying fat that is resistant to exercise and diet.



This innovative aesthetic medical device acts with total precision, in a very focalised way and at a controlled depth, selecting the target tissue. It combats built-up fat, even in deep and difficult areas, gets rid of cellulite and boosts the formation of collagen in the hypodermis.



INFORMATIVE PRESENTATION

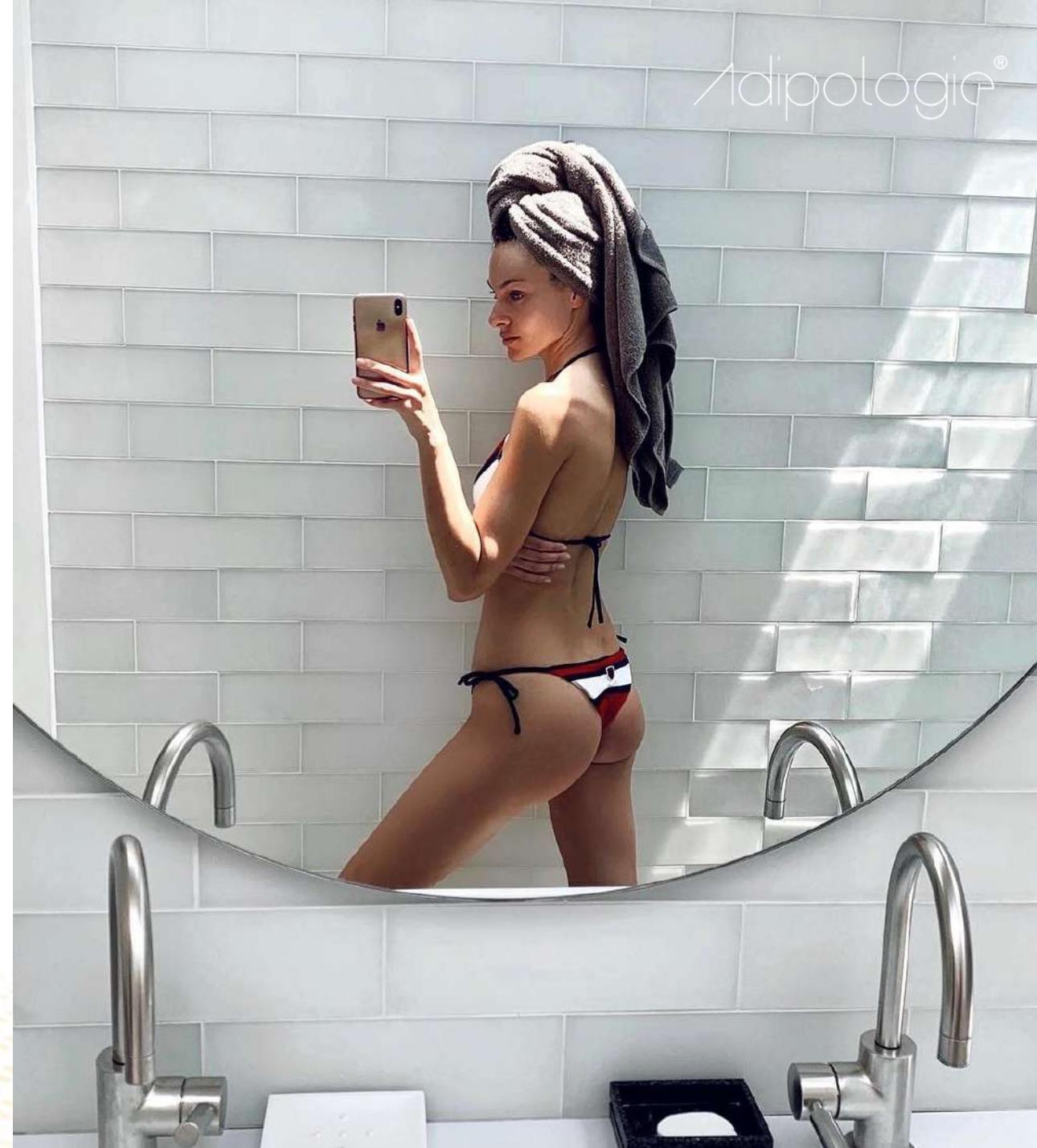
"I didn't believe in slimming treatments, I tried **Adipologie** and was **amazed by the results**".

"For the first time, I've really noticed something that makes a difference after a slimming body treatment. I'm one of those people who find it hard to believe in miracles and the fact that my colleagues at VITÓNICA prove in their articles that slimming creams and patches don't work, doesn't help.

However, there are times when my scepticism has been disproved. Which is what has happened with this treatment at the salon and the subsequent treatment and oil to get rid of cellulite.

But I was sure that we cannot lose weight just from the area of the body where we want to lose it. And suddenly, I discovered this treatment which has turned everything on its head."

"I've only had two sessions (and one of them couldn't be completed because of time constraints) and the results have amazed me. I have noticed that the area is firmer and my chubby bits are considerably smaller, but I'm afraid it doesn't have the same effect on everyone (this must always be taken into account with treatments of this type)."



RESULTS

RESULTS



Area treated:
Abdomen and Flanks

Number of sessions: 2

RESULTS



Area treated:
Abdomen and Flanks

Number of sessions: 2

RESULTS



Area treated:
Shoulder blade flanks

Number of sessions: 2

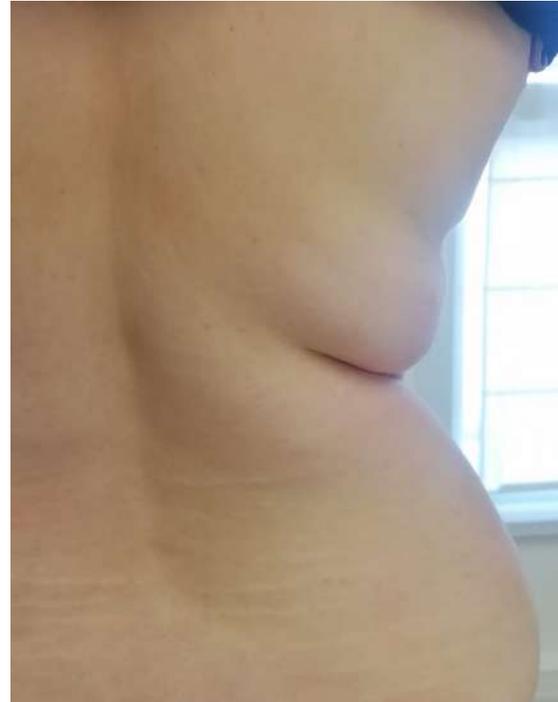
RESULTS



Area treated:
Shoulder blade flanks

Number of sessions: 2

RESULTS



Area treated:
Shoulder blade flanks

Number of sessions: 3

RESULTS



Area treated:
Saddlebags

Number of sessions: 1

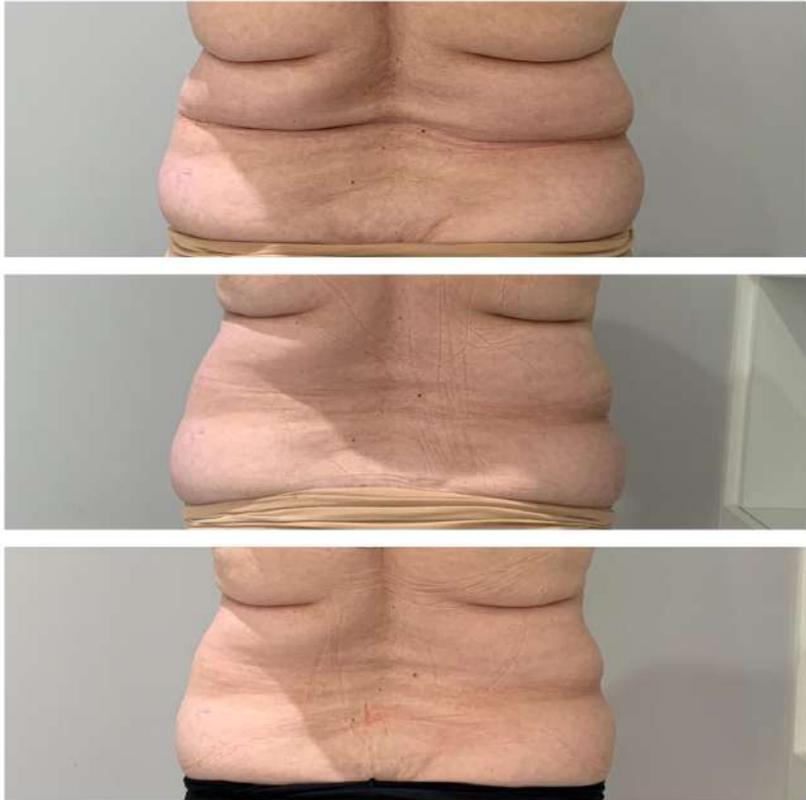
RESULTS



Area treated:
Saddlebags

Number of sessions: 1

RESULTS



Area treated:
Shoulder blade flanks and abdomen

Number of sessions: 2

RESULTS



Area treated:
Shoulder blade flanks and abdomen

Number of sessions: 2

RESULTS



Area treated:
Shoulder blade flanks and abdomen

Number of sessions: 2

RESULTS



Area treated:
Abdomen

Number of sessions: 1

