



LIPOSCULPTURE OF THE FACE AND BODY



Liposculpture of the face and body is a technique used to reshape the skin contours using mesotherapy. It makes it possible to treat the unsightly clusters of localized fat in parts of the body unaffected by dieting.

This method enables a gentle reshaping of the contours and volumes to give the figure and face a new harmony. It is thus indicated for the treatment of the following:

- Abdomen
- Thighs
- Hips
- Buttocks
- Knees
- Palpebral pouches
- Double chin
- Cheeks

Contra-indications

The contra-indications are those for mesotherapy:

- Skin infections
- Herpes
- Cancer
- Psoriasis
- Auto-immune diseases

In other cases, each patient should be assessed individually with the proposal of deferring treatment as applies. This is especially the case for:

- Pregnancy
- On-going allergic bouts
- On-going anticoagulant treatment

Side effects

There are few side-effects in mesotherapy. In most cases, they are minor and reversible.

- Allergies: procaine is the agent most often involved in the appearance of any allergy. No clear cases of allergic shock have however been recorded in the course of treatment by mesotherapy. The possible reactions described are mainly rashes which disappear in 2 to 3 days. Any allergic reaction noted in a patient should however result in the immediate stoppage of the treatment. The other compounds used (vitamins, mineral salts, amino acids) do not present any related allergenic risk.
- Pain: this depends on uncontrollable factors such as individual sensitivity, the sensitivity of the area to be treated and the depth of the injection. It also depends on certain factors that can be taken into account and improved:
 - the technique: the injection must be fast and precise,
 - the equipment: the pistol and the needles must be of good quality and the needles must be regularly changed during the session.

- Infections: infections are always possible once the skin barrier has been broken. They can easily be avoided by observing a few simple rules:
 - use of top quality products offering all the necessary guarantees of sterility,
 - use of sterile, disposable equipment,
 - careful disinfection of the areas to be treated,
 - advice given to patients on hygiene.
- Hematoma: this is the most frequent side-effect despite all the precautions taken. It can however easily be masked by suitable make-up and disappears within 2 or 3 days after treatment.

Protocols

• LIPOSCULPTURE OF THE BODY:

As in any mesotherapy treatment, liposculpture can be performed manually or using a pistol.

Liposculpture of the body concerns various areas, which may be extensive, such as the abdomen, hips and thighs, or smaller areas such as the knees and buttocks. The protocol used will depend essentially on the total area to be treated.

- For extensive areas (abdomen, hips, etc.) requiring large volumes of product, it is best to dilute the product so as to cover the entire area to be treated. Dilution does not in any way adversely affect the efficacy of the product. Even if the effect is slower, the loss in volume will be more homogenous and regular. For treating large areas, it is also preferable to proceed slowly so as to leave the excessively stretched skin time to regain its elasticity.
- For smaller areas (inside of the knees, the « banana » under the buttocks) it is best to use the product undiluted.

In all cases, the injections are to be performed using the point by point technique at the hypodermal level (a depth of 10 to 12 mm) directly into the fatty tissue. Sessions should be spaced out to every 10 to 15 days to give the organism the necessary time to eliminate the residues. During the interval, results can be optimized by a draining massage to encourage the elimination of fat.

It is recommended to start with an aggressive treatment of 1 month (2 or 3 sessions, possibly alternating with draining massage sessions) and to assess the results obtained over that period with the patient. Depending on the results already obtained, it is subsequently best to determine, according to the volumes still to be treated and to the patient's demand, whether or not to continue with the treatment and if so how frequently and for how long.

→ **Manual method with multi-injector (Dr. TORREKENS):** (Recommended for large areas)

- Equipment:
 - One 5 ml bottle of **CELLULYSE**
 - 15 ml of isotonic solution
 - One 20 ml syringe
 - One 7-way multi-injector
 - Seven 30G x 1/2" needle
 - One 18G x 1 1/2" needle
 - One indelible marker pen
 - Disinfectant and compresses
- Mode of operation:
 1. Disinfect the area to be treated with the compresses and disinfectant.
 2. Get the patient to stand so as to mark the areas to be treated. With the marker pen trace adjacent circles so as to cover the entire area to be treated. Overlap the circles in the most affected areas, as required.
 3. Place the patient in a sloping position.
 4. Draw up the entire content of the bottle of **CELLULYSE** into the 20 ml syringe using the 19G x 1" needle. Top up the syringe with an additional 15 ml of isotonic solution.
 5. Prepare the multi-injector and connect the 30G x 1/2" needles.
 6. Inject the **CELLULYSE** into each of the circles traced with 2 ml per circle.
 7. Remove the traces of the marker pen with a compress soaked in disinfectant.

→ **Method with a pistol (Dr. MARTHAN):** (Recommended for targeted areas)

The doses recommended for each session are as follows:

- 1 bottle for the abdomen
- 1 bottle for the 2 buttocks
- 1 bottle for the 2 knees
- 1 bottle for the inside of the 2 thighs
- 1 bottle per hip (cellulite)

- Equipment:

- One of two 5 ml bottles of **CELLULYSE** depending on the area to be treated
 - One 5 ml syringe
 - 1 pistol
 - One 30G x 1/2" needle
 - One 18G x 1 1/2" needle
 - Disinfectant and compresses
- o Mode of operation:
 1. Disinfect the area to be treated with the compresses and disinfectant.
 2. Place the patient in a sloping position.
 3. Draw up the entire content of the bottle of **CELLULYSE** into the 5 ml syringe using the 19G x 1" needle.
 4. Fit the syringe in the pistol and connect the 30G x 1/2" needle to the syringe.
 5. Inject the **CELLULYSE** into the area to be treated with 0.1 ml per injection along lines 1 cm apart and with 1 cm between each point.

A diluted solution of **CELLULYSE** can also be applied using the pistol. **CELLULYSE** can be used diluted or undiluted without a multi-injector.

- **LIPOSCULPTURE OF THE FACE:**

Liposculpture can also be applied to the face, either manually or with a pistol. For manual application, it is best to use a 1 ml insulin type syringe to enable a better quantification of the product and a reduction in the injection flow rate, thus making the injection less painful.

Facial liposculpture applies to various areas such as a double chin, the cheeks, palpebral pouches, but which in all cases are small in size. **CELLULYSE** will be used undiluted. Injections are to be performed at the deep intradermal level (4 to 6 mm) or hypodermal level to deliver the product directly into the fatty tissue. The technique used will vary according to the area. For facial liposculpture the frequency recommended is on average one session a week. It is best to start by an aggressive treatment of 1 month with 3 to 4 sessions. The treatment can subsequently be spaced out depending on the results obtained and on patient demand. Nevertheless, it must not be forgotten that the effect, although long-lasting, does fade with time. It is therefore wise to recommend maintenance treatment at the rate of one session a month

→ **Liposculpture of palpebral pouches:**

- o Technique:

The point by point technique is used at the deep intradermal level (4 to 6 mm) or the retro-tracing technique. Injections can be made manually or with the pistol except for the retro-tracing technique.
- o Equipment:
 - 0.4 ml of **CELLULYSE** (0.2 ml on each side)
 - One 1 ml syringe (manual method) or 1 syringe of 2 to 5 ml (pistol method)
 - One 30G x 1/2" needle
 - One 18G x 1 1/2" needle
 - Disinfectant and compresses
- o Mode of operation:
 1. Disinfect the area to be treated with the compresses and disinfectant.
 2. Put the patient in a sloping position.
 3. Draw up 0.4 ml from the bottle of **CELLULYSE** into the 1 ml syringe with the 19G x 1" needle.
 4. As required, place the syringe in the pistol and connect the 30G x 1/2" to the syringe.
 5. Inject the **CELLULYSE** over the area to be treated.

→ **Liposculpture of a double chin:**

- o Technique:

The point by point technique is used at the deep intradermal level (12 to 15 mm). Injections can be made manually or with the pistol.
- o Equipment:
 - Up to one 5 ml bottle of **CELLULYSE** (depending on the area of the zone to be treated)
 - One 1 ml syringe (manual method) or 1 syringe of 2 to 5 ml (pistol method)
 - One 30G x 1/2" needle
 - One 18G x 1 1/2" needle
 - Disinfectant and compresses
- o Mode of operation:
 1. Disinfect the area to be treated with the compresses and disinfectant.
 2. Put the patient in a sloping position.

3. Draw up the required quantity of **CELLULYSE** into the 1 ml syringe with the 18G 1 1/2" needle.
4. As required, place the syringe in the pistol and connect the 30G x 1/2" to the syringe.
5. Inject the **CELLULYSE** over the area to be treated with 0.1 to 0.2 ml per injection.

→ **Liposculpture of the cheeks:**

○ Technique:

The point by point technique is used at the deep intradermal level (4 to 6 mm) or the retro-tracing technique. Injections can be made manually or with the pistol except for the retro-tracing technique.

○ Equipment:

- 2.5 ml of **CELLULYSE** (for the 2 cheeks)
- One 1 ml syringe (manual method) or 1 syringe of 2 to 5 ml (pistol method)
- One 30G x 1/2" needle
- One 18G x 1 1/2" needle
- Disinfectant and compresses

○ Mode of operation:

1. Disinfect the area to be treated with the compresses and disinfectant.
2. Put the patient in a sloping position.
3. Draw up the required quantity from the bottle of **CELLULYSE** into the 1 ml syringe with the 19G x 1" needle.
4. As required, place the syringe in the pistol and connect the 30G x 1/2" to the syringe.
5. Inject the **CELLULYSE** over the area to be treated with 0.1 to 0.2 ml per injection.

1 bottle of **CELLULYSE** is enough for complete treatment of the face: 3 ml for the double chin, 1 ml per cheek and the rest of the bottle for treatment of the palpebral pouches.

Products

CELLULYSE

CLT1: 4 bottles of 5.0 ml

CLT2: 12 bottles of 5.0 ml

CELLULYSE is a treatment designed to reduce cellulite. It acts in 4 stages: 1) it has a de-infiltrating effect on choked tissues; 2) it restores effective local micro-circulation by opening the spasmed capillary sphincters; 3) the theophylline activates the hydrolysis of the adipocyte triglycerides; 4) the silicon restructures and protects the connective tissues. It acts in the biosynthesis of the elastin and combats calcification of the connective fibers.

Only the combined effect of these four stages, together with good everyday hygiene, will ensure visible and long-lasting results.



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