

MESOTHERAPY

LABORATOIRES
ORGÉV

2023



ORGEV.COM

A professional range

Laboratoires ORGEV provides a range of sterile solutions administered by **mesotherapy** or **microneedling** techniques to treat signs of helodermia (photoaging), lipodystrophy (cellulite) and alopecia (hair loss).

Composed of non cross-linked, injectable-grade **hyaluronic acid** (HA) and **bioactive compounds**, they will act with safety and efficacy to improve the function and appearance of the treated connective tissues.

HA will provide a biological action by stimulating the production of collagen and glycosaminoglycans but also a pharmacokinetic action by slowing down the absorption of the bioactive compounds and prolonging the local mechanism of action.

Mesotherapy

Mesotherapy, developed in France in the 1950's, involves **local, multiple injections** (intraepidermal, intradermal or subcutaneous) of **micro-doses of active ingredients**.

The advantage of this procedure is to create mechanical-chemical stimulus by the multiple injections and to deliver therapeutic substances that slowly diffuse into the tissues to be treated.



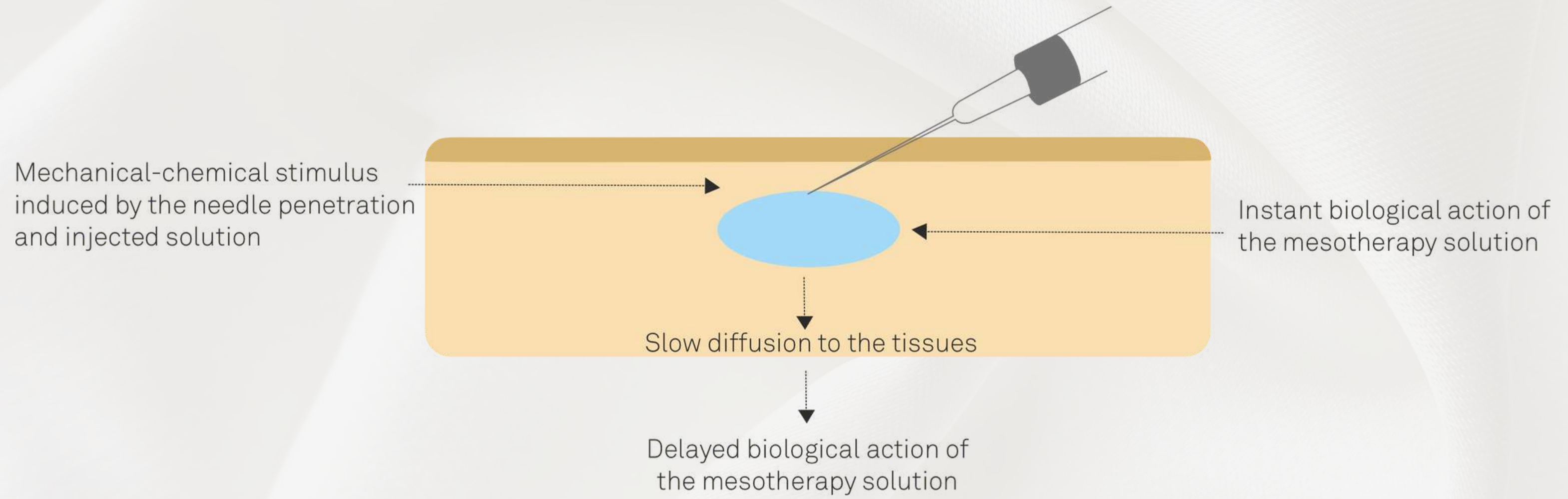


Figure 1. The mechanisms of action of mesotherapy

Microneedling



Microneedling (MN) is a method of transdermal administration in which sterile microneedles penetrate into the skin in order to make holes through which drugs can diffuse. After inserting and removing the microneedles to form micron-scale pores in the skin surface, a drug formulation is applied to the skin for slow diffusion through the residual holes.

As for mesotherapy, the multiple needle penetrations will stimulate collagen production through a mechanical-chemical stimulus.

Caution: It is important not to use non-sterilized solutions with MN as they can cause infection due to the permeation of pathogenic microbes.

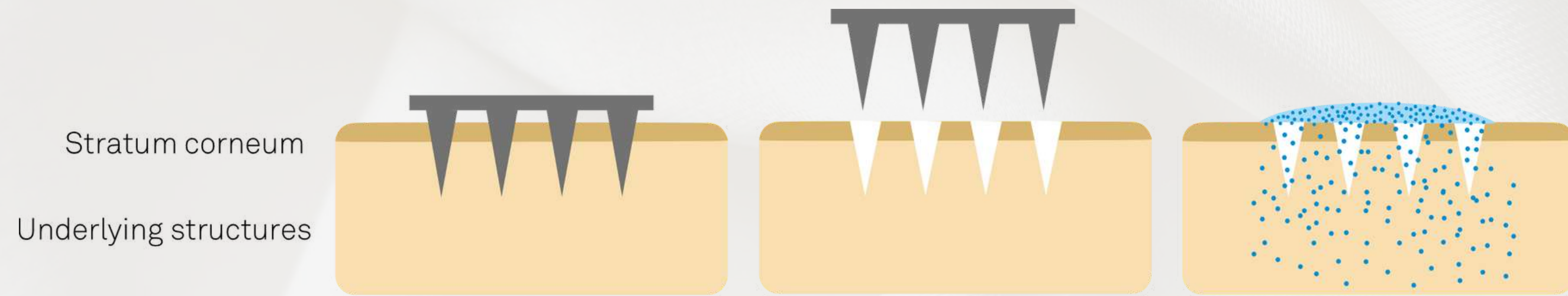


Figure 2. Pore formation in the skin with microneedles followed by topical application.

Meso-Glow

Sterile solution for skin revitalization

5 mL x 6 vials

INDICATIONS

Provides a «coup d'éclat» effect and restores radiance to devitalized, dull and tired skin.

INGREDIENTS

Water for injection, hyaluronic acid (5 mg/ml), arginine, glycine, proline, lysine, alpha lipoic acid, mannitol, dexpanthenol, pyridoxine, sodium chloride.

TREATMENT REGIMEN

4 to 6 sessions, two weeks apart.



Meso-Slim

Sterile solution for the treatment of cellulite

10 mL x 6 vials

INDICATIONS

Improves the aesthetic appearance of gynoid lipodystrophy (cellulite) and reduces localized fat deposits.

INGREDIENTS

Water for injection, Hyaluronic acid (5 mg/ml), caffeine, arginine, pyridoxine, sodium chloride.

TREATMENT REGIMEN

6 to 10 sessions, two weeks apart.



Meso-Hair

Sterile solution for the treatment of hair loss

5 mL x 6 vials

INDICATIONS

Reduces hair loss, optimises new hair growth and strengthens thinning hair.

INGREDIENTS

Water for injection, hyaluronic acid (5 mg/ml), arginine, dexpanthenol, biotin, zinc, sodium chloride.

TREATMENT REGIMEN

4 to 6 sessions, two weeks apart.



Meso-White

Sterile solution for the treatment of hyperpigmentation

5 mL x 6 vials

INDICATIONS

Lightens the appearance of dark spots and visibly evens skin tone.

INGREDIENTS

Water of injection, hyaluronic acid (5 mg/ml), Niacinamide, Alpha-Lipoic acid, Dexpanthenol, Pyridoxine hydrochloride, sodium chloride.

TREATMENT REGIMEN

4 to 6 sessions, two weeks apart.



Administration

PREPARATION OF THE MATERIALS

- Remove the Flip-Off button from the vial and disinfect the rubber top of the vial with an alcohol pad.
- Using aseptic technique, attach a withdrawal needle to a sterile single-use syringe and withdraw an appropriate amount of the solution.
- Avoid touching the top of the vial. Never leave a drawing up needle inserted into a multidose vial if you have finished drawing up.

SKIN PREPARATION

- For sensitive patients, topical anesthesia with lidocaine cream can be applied to the treatment area for 30 minutes prior to administration.
- Wipe the skin with a cotton pad soaked with 70% isopropyl alcohol.

INJECTION

- The sterile solution is administered by mesotherapy or microneedling techniques.

Mesotherapy

Using 30G needles of 4 mm length or a multi-injection gun, perform micro-injections of 0.05 ml with a depth of 2 to 4 mm at 0.5 to 1 cm intervals.

Microneedling

Move the microneedling device with a penetration depth of 0.5 to 2 mm across the treatment area and then, massage an appropriate quantity of the sterile solution in the treatment area within a few minutes.

- The total injection volume is dependent upon the area to be treated (generally 5 ml per session for the entire face or entire scalp and 10 ml per session for the hips and thighs).



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MESO-HAIR
0.17 FL. OZ. e 5 ml



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0.17 FL. OZ. e 5 ml



Clinical Studies

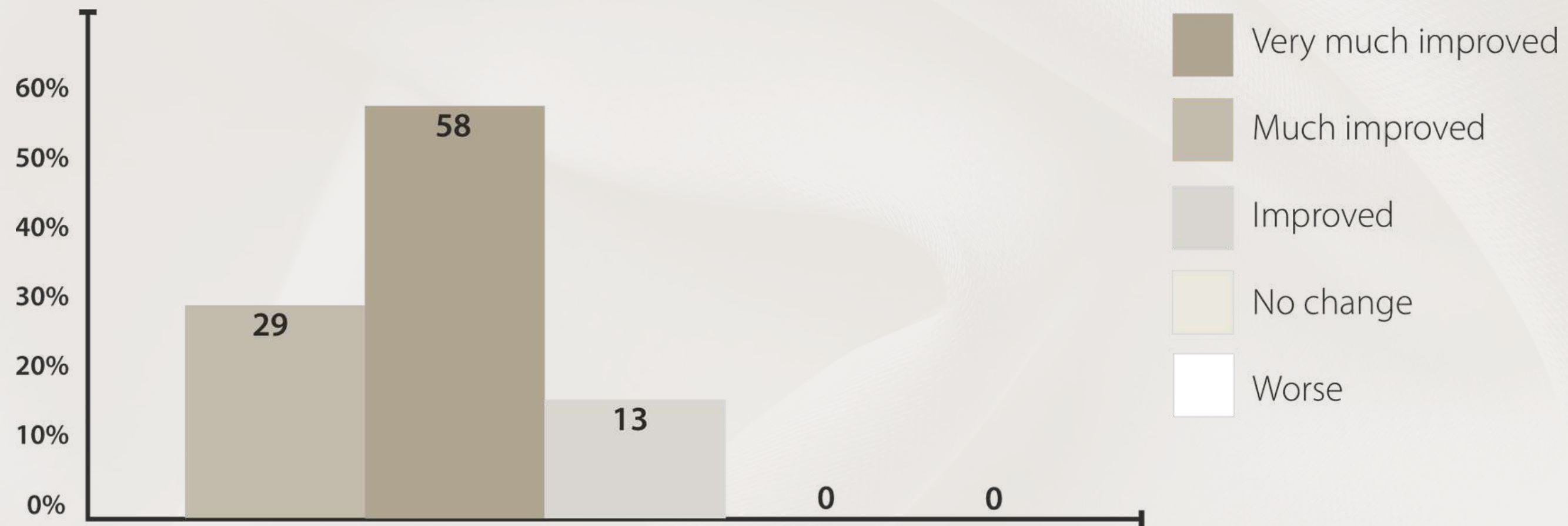


Figure 1: Treatment success 3 months after application of MESO-GLOW, as assessed by the patients, using the Global Aesthetic Improvement Scale (GAIS).

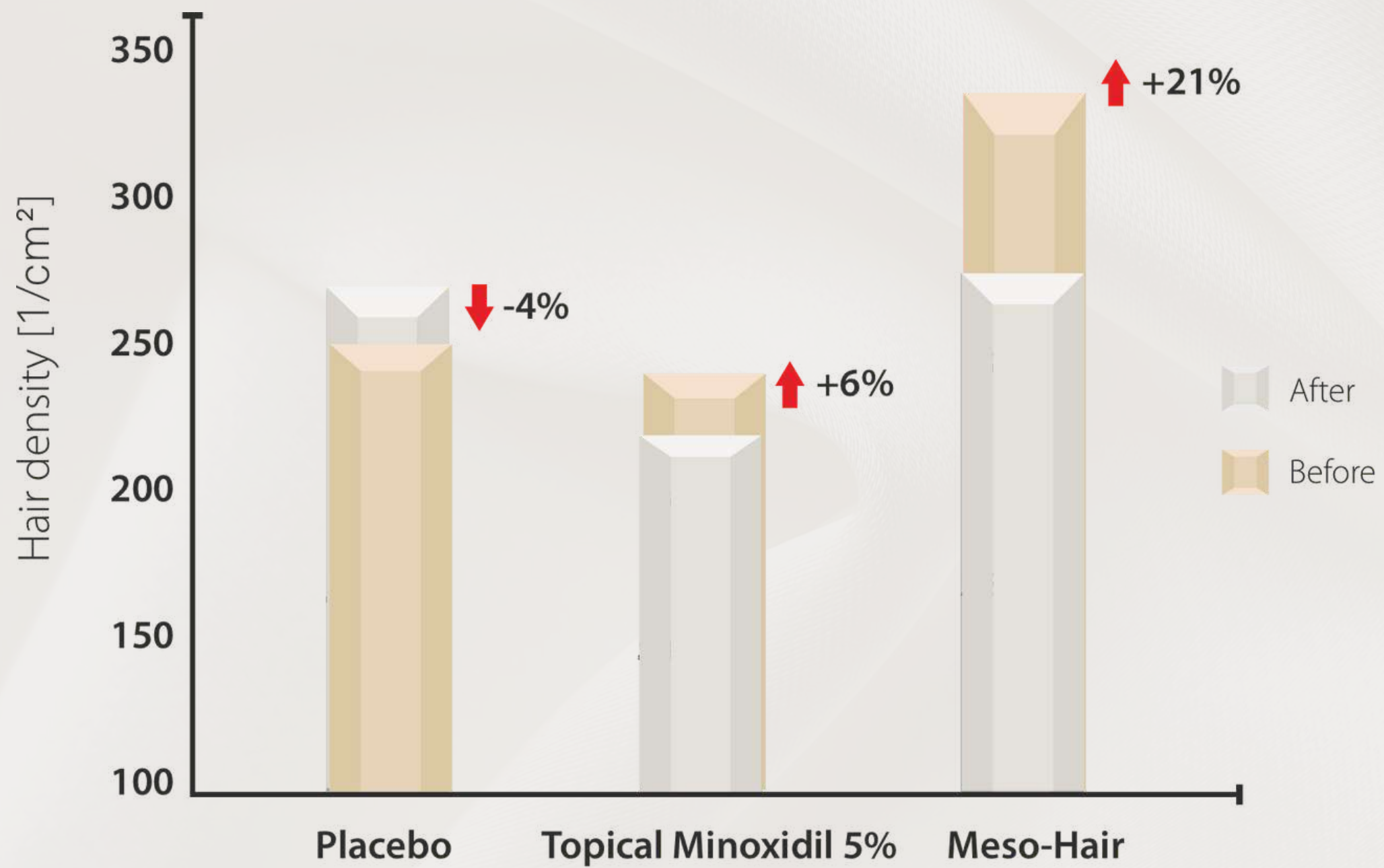


Figure 2. Changes in hair density after 6 months of treatment.

Cellulite severity Scale - CSS



Figure 3. Improvement in the severity of cellulite after treatment with Meso-Slim.

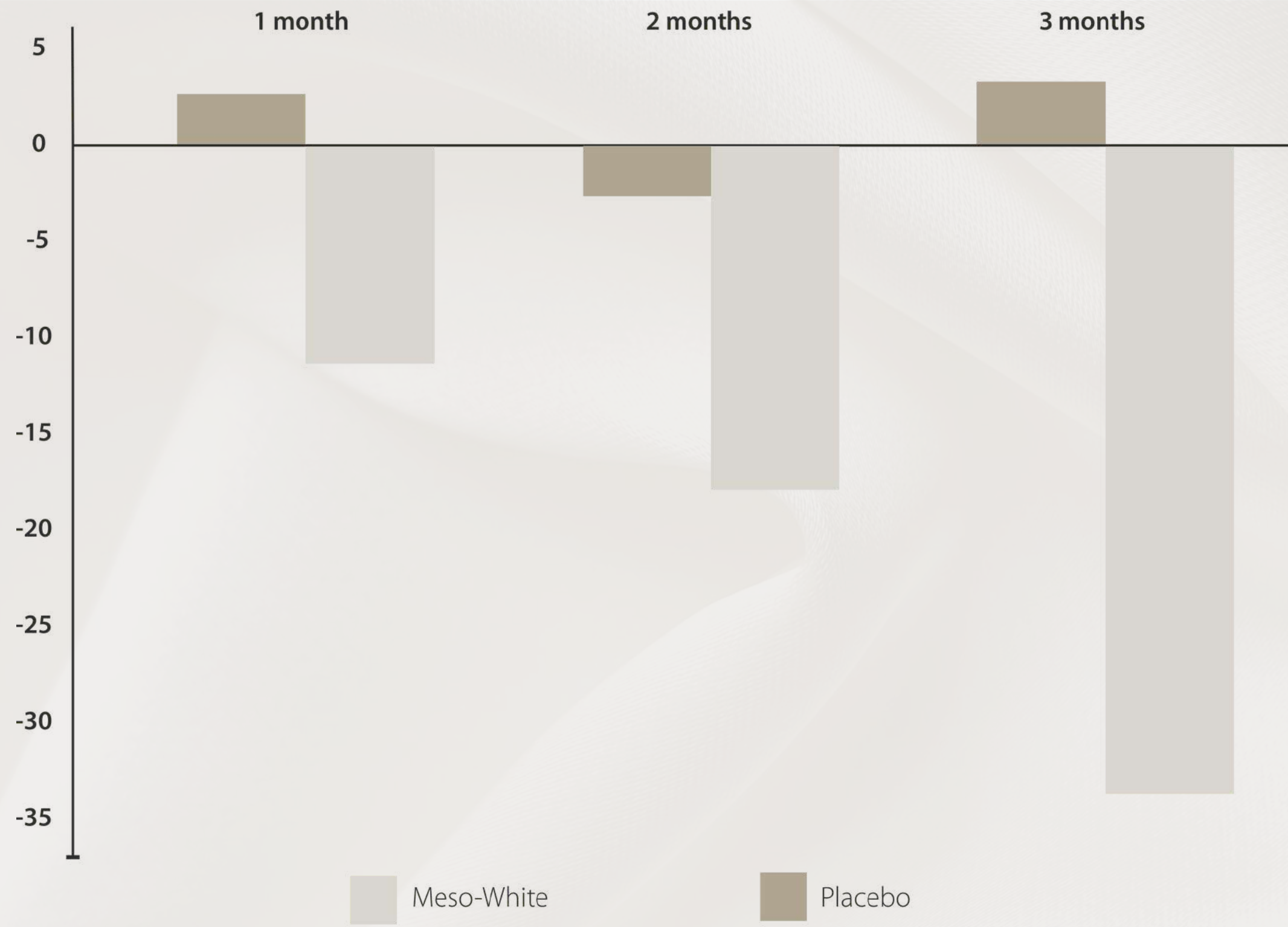


Figure 4. Changes in melanin index values with MESO-WHITE treatment versus placebo.

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