

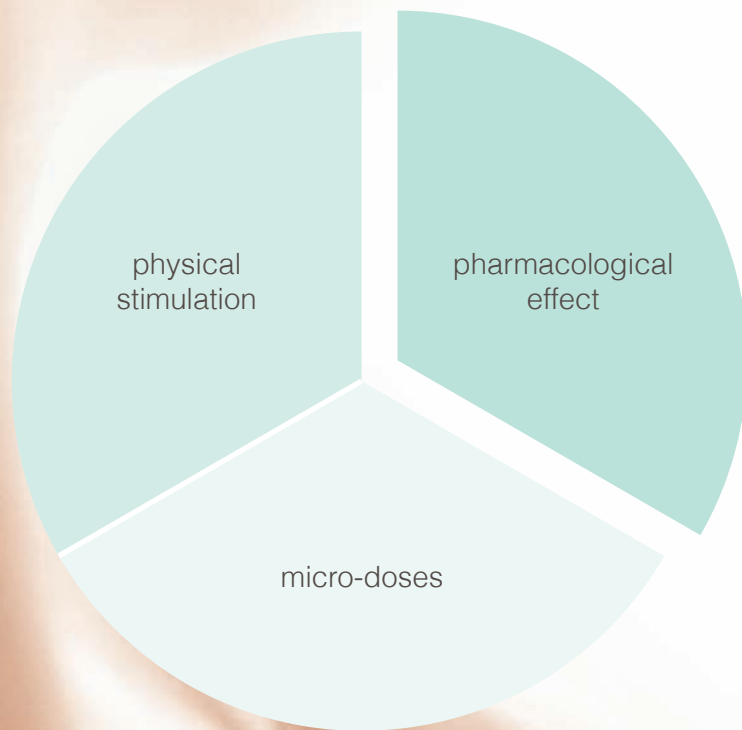
mesohyal[®]



mesotherapy solutions
by mesoestetic[®]



mesoestetic[®]



Mesotherapy is a medical technique whereby active substances are introduced into the skin surface by numerous micro-injections to correct aesthetic disorders such as skin aging, cellulite, flaccidity and alopecia, among others. The physical reaction is caused by the **mechanical stimulus** (the effect of the needle), while there is also a **pharmacological effect due to the micro-doses** of the substances introduced. Provided it is performed in adequate conditions and with the correct substances, it is a very effective procedure.

This technique ensures optimum penetration of substances in the dermis with **superior effects** to those achieved with other methods of application.

This **local medical procedure** is performed on the dermis, regardless of the histological location of the lesion. The risk of side effects is extremely minor and is a non-obtrusive treatment requiring no preparation time meaning that patients can immediately resume their daily activities.

“Little, rarely and in the right place”.

Dr. Michel Pistor

1. mesoestetic® solution: mesohyal

mesohyal is the widest range of class III medical devices for intradermal administration for face and body treatments with the CE marking. They are adaptable, safe, efficient products and are used for personalised correction of skin aging and the most specific figure concerns. They improve the appearance of the skin immediately and progressively and have lasting effects. The range is ideal for combining with and optimising the results of other medical procedures (botulinum toxin, fillers, laser, IPL, etc.).

100% adaptable

A comprehensive range of products that can be applied individually or as part of personalised cocktails.

All the products in the **mesohyal** range can be combined.

Initially, the skin's specific requirements are diagnosed, then the most suitable active substances are selected and a tailor-made treatment programme is designed on a session-by-session basis.

100% safe

CE Mark: a guarantee of quality, safety and efficacy.

mesohyal products bear the CE mark, which certifies that they comply with the European Council Directive 93/42/EEC concerning medical devices. The CE mark guarantees that a comprehensive quality assurance system and suitable product design, production, marketing and distribution procedures are used. The result of these methods are products that are safe and suitable for the purposes for which they are intended.

ISO 13485:2012

Mesoestetic Pharma Group also holds the ISO 13485:2012 standard that certifies compliance with the quality assurance system requirements demanded by medical device directives.

100% efficient

Hyaluronic acid, a fundamental component of the skin, is the entire line's **main active ingredient**. It is of biotechnological, non-animal origin and is non-crosslinked.

It is capable of retaining thousands of times its weight in water, enabling it to compensate for natural loss of hyaluronic acid. It also helps to support collagen and elastin fibres, restoring density to thinner areas and providing support to cells.

mesohyal products combine hyaluronic acid with active substances with recognised therapeutic efficacy such as vitamins, natural extracts, coenzymes, amino acids, mineral salts, etc. They are highly tolerable, biocompatible, are totally reabsorbed and integrate naturally in the dermis.



2. Product range

Skin re-moisturising and rejuvenation

mesohyal HYALURONIC

Non-crosslinked hyaluronic acid 45 mg.
Nourishes and moisturises the treatment area, enhancing skin elasticity, reducing fine and superficial wrinkles.



Intensive cell biorevitalisation

mesohyal NCTC 109

Hyaluronic acid + biorevitalising cocktail (vitamins, amino acids, mineral salts and coenzymes).
Provides the micronutrients that intervene in cell repair.



antioxidant and brightening action

mesohyal VITAMIN C

Hyaluronic acid + vitamin C (20%) and mineral salts.
Prevents and palliates oxidative damage to epidermal cells caused by UV radiation. Lightens the skin and improves pigmented lesions of different origins.



Elasticity and firmness

mesohyal DMAE

Hyaluronic acid + Dimethylaminoethanol (3%).
Restores firmness to tissues undergoing the aging process, effectively counteracting flaccidity.



Skin tissue regeneration and restructuring

mesohyal ORGANIC SILICON

Hyaluronic acid + silicon.
It acts to stabilise and maintain the skin tissue structure, stimulating fibroblast production and enhancing biosynthesis of collagen fibres, elastin and proteoglycans.



Stimulation of the extracellular dermal matrix

mesohyal OLIGOELEMENTS

Hyaluronic acid + 9 oligoelements.
Activates skin metabolic processes and encourages growth and biological cell functions, improving the structure of the skin and reducing the signs of aging.



Reactivation of skin cell and scalp metabolism

mesohyal BIOTIN

Hyaluronic acid + biotin, other group B vitamins and mineral salts.
Compensates for nutritional deficit of the scalp responsible for hair weakness and early hair loss.



Speeds up metabolism of fatty acids

mesohyal CARNITINE

Hyaluronic acid + L-carnitine (20%).
L-carnitine transports fatty acids to the mitochondria, where oxidation and subsequent energy release occur.



Detoxifying and draining effect

mesohyal ARTICHOKE

Hyaluronic acid + artichoke extract and mineral salts.
It has a cleansing action that stimulates the lymph draining system, reducing the retention of fluids built up in the tissues, oedema and the feeling of swelling.



Activates microcirculation

mesohyal MELILOT

Hyaluronic acid + melilot extract, troxerutin and mineral salts.
Enhances the microcirculation and reduces fluid retention. Encourages lymph draining and activates return venous flow.



3. Basic protocol

Skin preparation

Remove make up from the treatment area with **hydra milk cleanser** and apply an anaesthetic cream (optional). Disinfect the skin with a little alcohol, hydrogen peroxide or chlorhexidine.



Optional phase

Depending on the skin type and desired results, a surface chemical peel with **mesopeel** may be recommended immediately before the mesotherapy session to improve the level of therapeutic response.



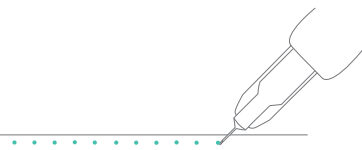
Mixing cocktails

It is possible to create the most suitable cocktail for each session.

- The active substances can be mixed with an 18 G needle in the syringe you will use during the session.
- For cocktails containing **mesohyal HYALURONIC**, load this first due to its high viscosity. This will allow you to obtain a homogenous mixture.

Injection techniques

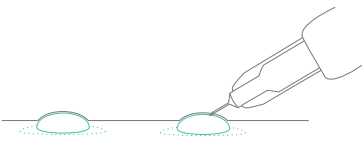
mesohyal products can be applied manually or with a multi-puncture gun, using three-body syringes with Luer-Lock connection and 30G needles for 4 mm deep injections for normal use and and/or 8 to 12 mm for specific techniques, injecting these into the superficial dermis using the most suitable mesotherapy technique:



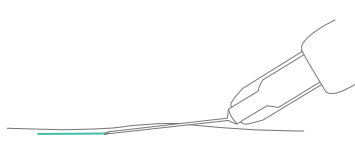
intradermal nappage:
maximum number of injections (every 5/6 mm), with a minimum quantity of product at a depth of less than 4 mm.



point by point:
numerous injections with a larger quantity of the product.



intradermal papule:
localised deposit of product creating a small papule.



tracer mesotherapy:
the needle is placed parallel to the skin and the product is inserted as the needle is withdrawn.

Optional final phase

To soothe, repair and decongest the skin, apply the **post-peel crystal fiber mask** and then recommend the use of a high sun protection factor cream **moisturising sun protection SPF50** or **compact foundation SPF50**.



Post-treatment recommendation

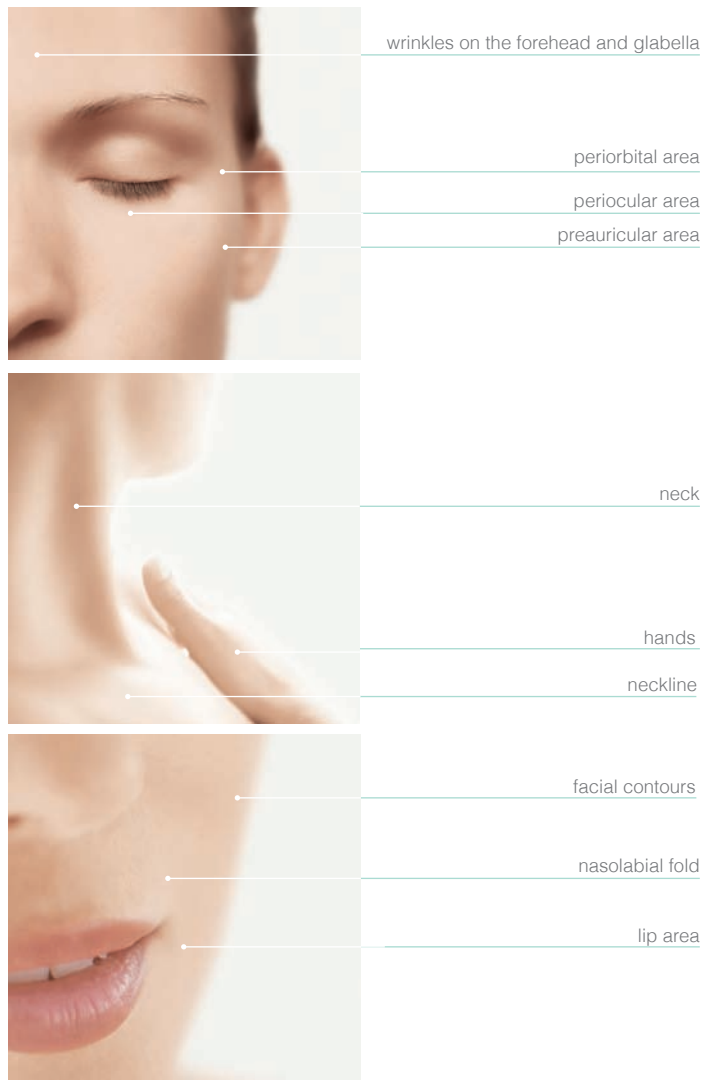
Patients should avoid direct exposure to the sun, saunas, swimming pools and gyms for a few hours following the session.



Facial cocktails

General indications

Treatment areas:



Recommended syringe:

1 or 2 ml

Injection techniques:

The best facial mesotherapy results are achieved by combining the 4 injection techniques:

- **generalised nappage** technique over entire treatment area.
- **point by point** to boost the effects of nappage in certain areas.
- **intra-dermal papules** in cheeks, preauricular area, corners of the mouth and facial contour.
- **tracer mesotherapy** in areas with skin fracture generating chemical tension threads (with 30G ½ and 12 mm long needle or cannula).

It is recommended you start the facial mesotherapy treatment by providing the micro-nutrients essential to the dermis with a moisturising-revitalising cocktail comprising **mesohyal HYALURONIC** y **mesohyal NCTC 109**, to stimulate the dermal substrate, thus optimising the effect of the active substances administered in subsequent sessions.

At home, boost and prolong the results of the mesotherapy with **collagen 360° elixir** drinkable nutricosmetics for a firming effect, **radiance DNA elixir** with an overall antiaging effect or **ultimate W* whitening elixir** to lighten and unify skin tone.



Suggestions for facial cocktails

Re-moisturising biorevitalisation

mesohyal HYALURONIC
mesohyal NCTC 109

Biorevitalising antioxidant

mesohyal HYALURONIC
mesohyal NCTC 109
mesohyal VITAMIN C

Skin reaffirmation and restructuring

mesohyal HYALURONIC
mesohyal NCTC 109
mesohyal ORGANIC SILICON or DMAE

Intensive Restructuring

mesohyal HYALURONIC
mesohyal ORGANIC SILICON
mesohyal OLIGOELEMENTS

Scalp stimulation

mesohyal BIOTIN
mesohyal NCTC 109
mesohyal VITAMIN C or OLIGOELEMENTS

Overall rejuvenation treatment

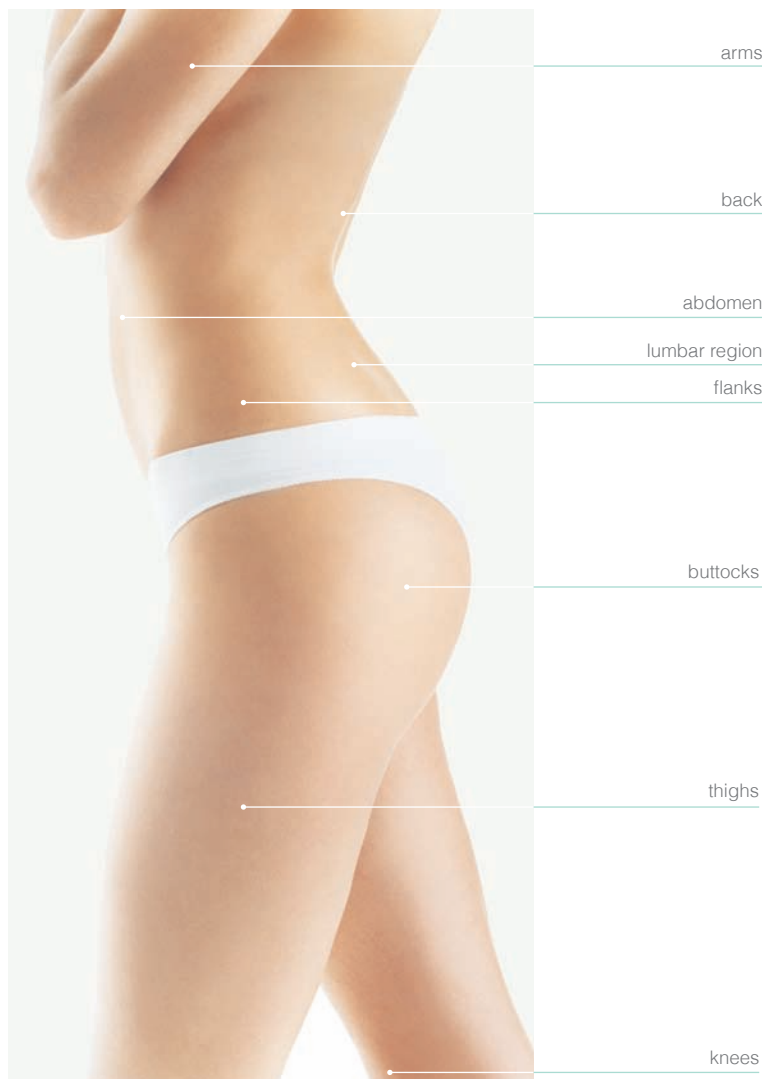
Select the cocktail and application sequence according to medical criteria, the patient's needs and the desired result.

Re-moisturising biorevitalisation
 Biorevitalising antioxidant
 Skin reaffirmation and restructuring
 Intensive restructuring

Body cocktails

Treatment areas:

Treatment areas:



Recommended syringe:

5 o 10 ml

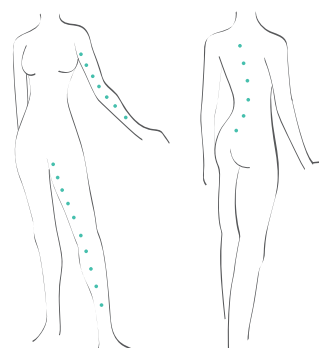
Injection techniques:

- point by point.
- papule technique injections.

mesohyal MELILOT is a recommended ingredient of all body mesotherapy cocktails, because it stimulates blood flow and is ideal for treating all types of cellulite.

The following steps are recommended for the **first** mesotherapy body treatment **session**:

1. stimulate blood microflow with the **mesohyal MELILOT** (2 ml) injection in the cutaneous projections over the vascular axes of the upper and lower limbs and the paravertebral areas to treat.
2. use the recommended cocktail according to the types of cellulite diagnosed.



At home, complement the treatment with **grascontrol artichoke** cleansing nutritional supplement to enhance the therapeutic response to the treatment.



Suggestions for body cocktails

· **first sessions:**

Compact or fibrous cellulite

mesohyal CARNITINE
mesohyal MELILOT
mesohyal ARTICHOKE

Flaccid and soft cellulite

mesohyal ARTICHOKE
mesohyal MELILOT
mesohyal ORGANIC SILICON or CARNITINE

Oedematous cellulite with a vascular component

mesohyal MELILOT
mesohyal ARTICHOKE
mesohyal CARNITINE

· **according to the evolution of previous treatments:**

Compact or fibrous cellulite

mesohyal CARNITINE
mesohyal MELILOT
mesohyal ORGANIC SILICON

Flaccid and soft cellulite

mesohyal MELILOT
mesohyal ORGANIC SILICON
mesohyal DMAE

Oedematous cellulite with a vascular component

mesohyal MELILOT
mesohyal CARNITINE
mesohyal ORGANIC SILICON or DMAE

4. Progressive and visible results

The duration of a session is from 20 to 30 minutes.

Number of recommended sessions:

- Facial: between 5 and 10 sessions at two-week intervals.
- Body: between 8 and 12 sessions at seven-day intervals.

Follow-up:

Patients are required to follow the usual hygienic-dietary guidelines and to have regular top-up treatments to maintain the effects every 6 to 8 months. This period can be longer or shorter according to the patient's therapeutic response and the desired result.

Hyperpigmentation



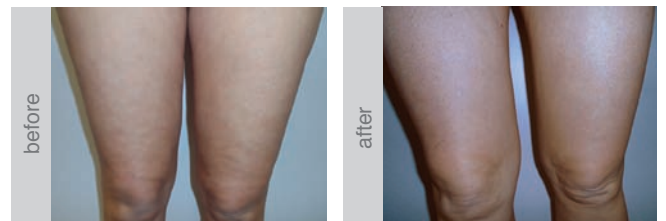
Thighs and buttocks



Skin aging (wrinkles and flaccidity)



Thighs and buttocks



Back and flanks



Photographs taken before and after a 10-session treatment with [mesohyal](#) carried out in every seven days.

Photographs taken before and after a five-session treatment with [mesohyal](#) carried out in weeks 1, 2, 3, 5 and 7.

4. Product characteristics

DESCRIPTION

mesohyal HYALURONIC

SKIN RE-MOISTURISING AND
REJUVENATION.



gel solution with highly concentrated
non-crosslinked hyaluronic acid (45 mg / vial).

mesohyal NCTC 109

INTENSIVE CELL BIOREVITALISATION.



revitalising solution packed with vitamins,
amino acids, mineral salts, coenzymes in a
base of hyaluronic acid.

mesohyal VITAMIN C

ANTIOXIDANT AND
BRIGHTENING EFFECT.



antioxidant, brightening solution with
concentrated ascorbic acid (vitamin C) and
mineral salts and a base of hyaluronic acid.

mesohyal DMAE

ELASTICITY AND FIRMNESS.



firming solution with concentrated
dimethylaminoethanol (DMAE), with a base of
hyaluronic acid.

mesohyal ORGANIC SILICON

SKIN TISSUE REGENERATION AND
RESTRUCTURING.



regenerating, restructuring solution with
concentrated organic silicon in a base of
hyaluronic acid.

mesohyal OLIGOELEMENTS

STIMULATION OF THE EXTRACELLULAR
DERMAL MATRIX.



revitalising solution combining numerous
oligoelements in a base of hyaluronic acid.

mesohyal BIOTIN

REACTIVATION OF SKIN CELL AND
SCALP METABOLISM.



revitalising solution with concentrated vitamins
and mineral salts in a base of hyaluronic acid.

mesohyal CARNITINE

SPEEDS UP METABOLISM OF
FATTY ACIDS.



anticellulite solution with concentrated
L-carnitine in a base of hyaluronic acid.

mesohyal ARTICHOKE

DETOXIFYING AND DRAINING
EFFECT.



draining, detoxifying anticellulite solution with
extract of artichoke in a base of hyaluronic
acid.

mesohyal MELILOT

ACTIVATES
MICROCIRCULATION.



anticellulite solution combining extract of
melilot, troxerutin and a base of hyaluronic
acid.

INDICATIONS	COMPOSITION	AREAS TO TREAT	PRESENTATION
<ul style="list-style-type: none"> intensive hydration of the superficial dermis and epidermis correction of fine wrinkles skin rejuvenation 	Hyaluronic acid (HA): 15 mg/ml	face, neck, neckline and backs of hands, as well as the arms, back, chest, abdomen, periumbilical area, flanks and thighs.	5 x 3 ml vials
<ul style="list-style-type: none"> biorevitalisation of dull skins prevention from aging correction of fine wrinkles toning skin tissues 	HA: 0.025 mg/ml Biorevitalising cocktail (vitamins, amino acids, mineral salts and coenzymes)	face, neck, neckline and backs of hands, as well as the arms, back, thorax, abdomen, periumbilical area, flanks, thighs and scalp.	5 x 5 ml vials
<ul style="list-style-type: none"> antioxidant melasma dull skin rigid skin / lack of firmness 	HA: 2.5 mg/ml Ascorbic acid / vitamin C (20%) and mineral salts	face, neck, neckline and backs of hands, as well as the arms, back, thorax, abdomen, periumbilical area, flanks, thighs and scalp.	20 x 5 ml ampoules
<ul style="list-style-type: none"> face and body skin flaccidity 	HA: 2.5 mg/ml DMAE / Dimethylaminoethanol (3%)	face, neck, neckline and backs of hands, as well as the arms, back, chest, abdomen, periumbilical area, flanks and thighs.	20 x 5 ml ampoules
<ul style="list-style-type: none"> prevention from aging face and body skin flaccidity stretch marks in primary stage scars 	HA: 2.5 mg/ml Silicon.	face, neck, neckline and backs of hands, as well as the arms, back, chest, abdomen, periumbilical area, flanks and thighs.	20 x 5 ml ampoules
<ul style="list-style-type: none"> addresses the signs of skin aging. correction of fine wrinkles face and body skin flaccidity cell nutrition 	HA: 2.5 mg/ml 9 oligoelements (zinc, magnesium, molybdenum, nickel, cobalt, selenium, copper, manganese and vanadium)	face, neck, neckline and backs of hands, as well as the arms, back, thorax, abdomen, periumbilical area, flanks, thighs and scalp.	20 x 5 ml ampoules
<ul style="list-style-type: none"> alopecia weakness of the capillary root antiaging 	HA: 2.5 mg/ml Biotin, other group B vitamins and mineral salts	scalp and all other areas requiring reactivation of the metabolism.	20 x 2 ml ampoules
<ul style="list-style-type: none"> all types of cellulite, particularly compact or fibrous cellulite. adipose accumulation 	HA: 2.5 mg/ml L-carnitine (20%)	areas most commonly affected by compact cellulite: thighs, buttocks, abdomen, back and arms.	20 x 5 ml ampoules
<ul style="list-style-type: none"> all types of cellulite overweight 	HA: 2.5 mg/ml Artichoke extract and mineral salts	thighs, buttocks, abdomen, back and arms.	20 x 5 ml ampoules
<ul style="list-style-type: none"> all types of cellulite, particularly oedematous cellulite with a vascular component fluid retention 	HA: 2.5 mg/ml Melilot extract, troxerutin and mineral salts	areas most often affected by circulatory disorders: thighs, buttocks, abdomen, back and arms.	20 x 2 ml ampoules



- The most comprehensive and widest range of intradermal medical devices.
- CE mark: a guarantee of quality, safety and efficacy.
- Versatile treatment, designed for individual application or for creation of personalised cocktails for treatment of numerous areas.
- Exclusive formula based on hyaluronic acid and active substances with recognised therapeutic efficacy.
- Ideal for combining with other medical procedures (botulinum toxin, fillers, laser, IPL, etc.).



mesoestetic®

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Intradermal medical devices are controlled by independent official agencies which certify their quality through the CE mark. Require this safety and efficacy guarantee.
mesoestetic® guarantee: The best reference.
Over 25 years providing solutions and innovating in the medical cosmetics sector.
Spanish company located in Barcelona present in over 60 countries.



Scan the QR code to see the main mesotherapy injection techniques.