

## mesohyal™

### BASIC MESOTHERAPY PROTOCOL

#### PRECAUTIONS

Not recommended in patients:

- taking antihistamines and/or anticoagulants.
- with a history of herpes in the area to be treated.
- taking vasodilators the night before (aspirins, garlic, wine, herbal medicines...).
- pregnant and nursing women.
- with specific hypersensitivity to the substances to be injected.
- suffering autoimmune diseases.
- suffering an active dermatological disease (psoriasis, acne, etc.).

#### PRE-TREATMENT CONSIDERATIONS

The patient must be warned that the mesotherapy used in cosmetic medicine is not an “anti-wrinkle treatment”, but a technique used for skin rejuvenation in the area treated.

Depending on the products used, it will contribute to improving skin appearance:

- stimulating collagen synthesis in fibroblasts through the healing of the micro-wounds caused overall by the punctures.
- and helping to prevent and attenuate wrinkles through the action of the various active agents injected.

15 days before starting the treatment, make a good diagnosis of skin condition to take it to eudermia conditions, enhancing the treatment response to the injections by the application of the most appropriate products for the type of skin and the action required. Superficial and/or middle peeling may be advisable.

#### IN-SESSION SKIN PREPARATION

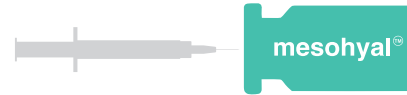
Remove make-up with **hydra milk cleanser**, apply an anaesthetic cream in the area to be treated (optional), disinfect it with some alcohol or chlorhexidine and continue to disinfect the skin as the injection progresses.

#### PREPARATION OF COCKTAILS

It is possible to prepare the cocktail best suited to each session.

- All active substances of the **mesohyal™** range can be combined with on another.
- The active substances can be mixed with a filling needle (18G) in the syringe to be used during the session.
- If **mesohyal™ HYALURONIC** is used for the cocktail, it can be mixed in the same vial. However, if performed in the syringe, first fill with **mesohyal™ HYALURONIC**, which is more viscous, to keep the mixture homogeneous.
- If not adding **mesohyal™ HYALURONIC** to the cocktail, there is no preestablished filling order.
- **mesohyal™ VITAMIN C** is a slightly hypertonic solution and it is not advisable to use it with the papule technique without combining it with another product of the **mesohyal™** line.





## MATERIALS RECOMMENDED FOR COSMETIC MESOTHERAPY

- three-body syringes with Luer-Lock connection.
- multipuncture mesotherapy gun.
- 30G needle of 4 mm length and/or 8-12 mm length for specific techniques.

## MAIN COSMETIC MESOTHERAPY TECHNIQUES

**dry mesotherapy:** multiple punctures on the area to be treated without injecting any active agents.

**wet mesotherapy:** multiple punctures on the area to be treated with active agents applied over the skin.

**mesotherapy with product injection:**

- **intra dermal nappage:** multiple injections, small amount of product, less than 4 mm in depth.
- **intra dermal papule:** injection of a larger amount of product.
- **point by point:** multiple intra dermal injections with a larger amount of product.
- **tracer mesotherapy:** insert the needle in parallel to the dermis and inject product as you withdraw the needle.

## BASIC FACIAL MESOTHERAPY PROTOCOL

(face, neck, neckline and back of the hands)

**1, 2 and 5 ml syringes, incidence angle: 45°, needle bevel upwards.**

**amount of product used:**

- **full face:** 5 to 6 ml.
- **eye contour:** 1 to 2 ml.
- **lip contour:** 1 to 2 ml.

**application protocol:**

- generalised moisturising by nappage:
  - maximum number of injections (every 5/6 mm).
  - minimum amount of product in each injection.
- injections per papule in the vectorial areas:
  - cheeks, sideburns, lip commissure, facial oval.
  - every 8/9 mm.
- tracer injection in skin fracture areas (needle of 30G 30G½ and 12 mm in length).
- injection of **mesohyal™ HYALURONIC** with cannula to generate chemical tension threads.



*The therapeutic protocol will be based on the patient's age and skin condition, requiring 5 to 10 sessions at 1 or 2 week intervals. In addition, it will be always advisable to establish maintenance sessions every 6 months.*

## BASIC BODY MESOTHERAPY PROTOCOL

**5, 10 or 20 ml syringe.**

**amount of product used:**

- **arms:** 2 \* 5 ml
- **saddlebags:** 2 \* 10 ml
- **buttocks:** 2 \* 5 ml
- **flanks:** 2 \* 5 ml
- **belly:** 10 ml
- **thighs:** 2 \* 5 ml

**application protocol:** generalised micro-injection technique (every 3 mm).

*The therapeutic protocol will be based on the patient's degree of cellulite and skin condition, requiring 8 to 12 sessions at intervals of at least 1 week. In addition, it will be always advisable to establish maintenance sessions every 6/8 months.*

## END OF TREATMENT

- Clean with hydrogen peroxide.
- Remember that the patient must avoid direct exposure to sun and sauna.
- After two hours, apply at home **anti-stress face mask**. This fights the effects of oxidative stress thanks to its decongestant, antiinflammatory, antierythema and antioedema properties.

## HOME MAINTENANCE

(from the second day and until the next session)

In order to increase the efficacy of mesotherapy treatment and reinforce the main action of the cocktail applied, recommend the patient the complementary home maintenance products.