

MACDERMOL[®]
BioRevitalisation

A NON-SURGICAL SKIN
REJUVENATION TREATMENT



WHAT IS MESOFILLING ?



Mesofilling is a new concept of injectable treatment between dermal filling and mesotherapy.

Mesotherapy, a safe, effective and established non-surgical medical technique developed by the French doctor Dr. Michel Pistor in the 1950's, involves local, multiple injections (intraepidermal, intradermal or subcutaneous) of micro-doses of active therapeutic substances. The advantage of this procedure is to deliver potent molecules directly on the area of tissue to be treated, providing superior effectiveness and safety compared to other routes of administration (epicutaneous, oral, intravenous etc).

Mesofilling combined this technique with the injection of biomaterial. Basically, a mesofiller is a low concentrated dermal filler supplemented with active ingredients.

MACDERMOL BIO REVITALISATION is a mesofiller indicated to revitalize and rejuvenate the cutaneous tissue.

■ WHAT IS IT USED FOR ?

■ FOR A YOUNGER APPEARANCE

MACDERMOL BIO REVITALISATION promotes facial skin rejuvenation. The skin will be profoundly hydrated, refreshed and revitalized to create a more natural and youthful appearance.

MACDERMOL BIO REVITALISATION will also provide a protection against free radicals and glycation process to prevent the degradation of the structural components of the dermis.

■ INDICATIONS

- prevention and correction of skin aging
 - devitalized, dull and tired skin
 - loss of glow due to pollution, smoke, stress, alcohol, lack of sleep, nutritional deficiencies or hormonal change
 - dehydrated skin
 - correction of superficial lines and wrinkles
 - dry, irritated and sensitive skin after procedures such as peels, microdermabrasion, or after sun exposure
 - photo-aged skin
 - creation of a healthy environment for a better tissue integration of dermal fillers
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HOW DOES IT WORKS ?

MACDERMOL BIO REVITALISATION provides a specific proprietary complex of highly concentrated active ingredients which will induce :

■ **COLLAGEN SYNTHESIS**

■ **GLYCATION INHIBITION**

■ **FREE RADICAL NEUTRALIZATION**

THE HYALURONIC ACID (HA) SOLUTION CONTAINED IN **MACDERMOL BIO REVITALISATION** WILL HAVE THREE MAJOR EFFECTS :

A biological effect.

HA will stimulate the production of collagen and glycosaminoglycans and provide free radical scavenging activity.

A mechanical effect.

HA will absorb water, swell, and fill the cutaneous depressions.

A pharmacokinetic effect.

HA will enable an optimal delivery of the active molecules.



ACTIONS

- Enhances the hydration of the skin
- Revitalizes the cutaneous tissue
- Restores radiance to the skin
- Increases cutaneous vitality and elasticity
- Prevents premature signs of aging
- Neutralizes free radicals
- Inhibits the glycation process
- Blocks GAG- and collagen-destroying enzymes
- Stimulates the synthesis of collagen



EFFECTIVENESS

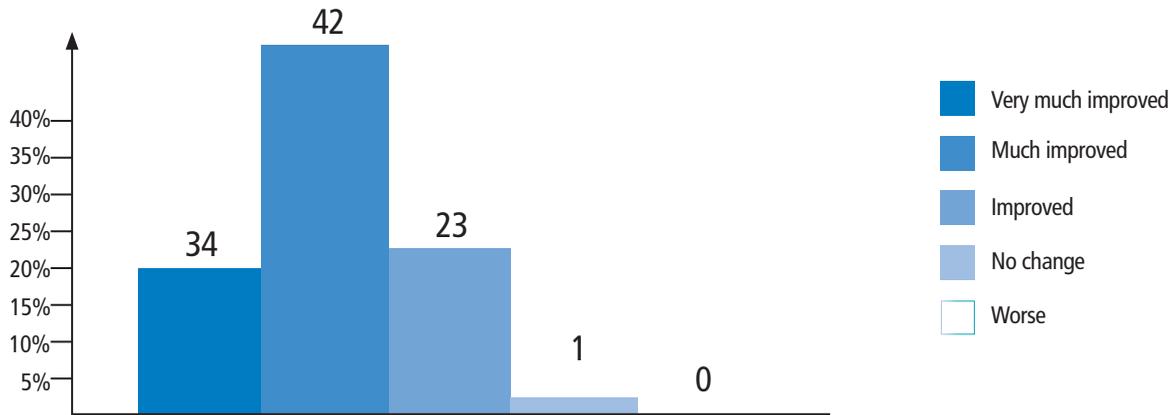
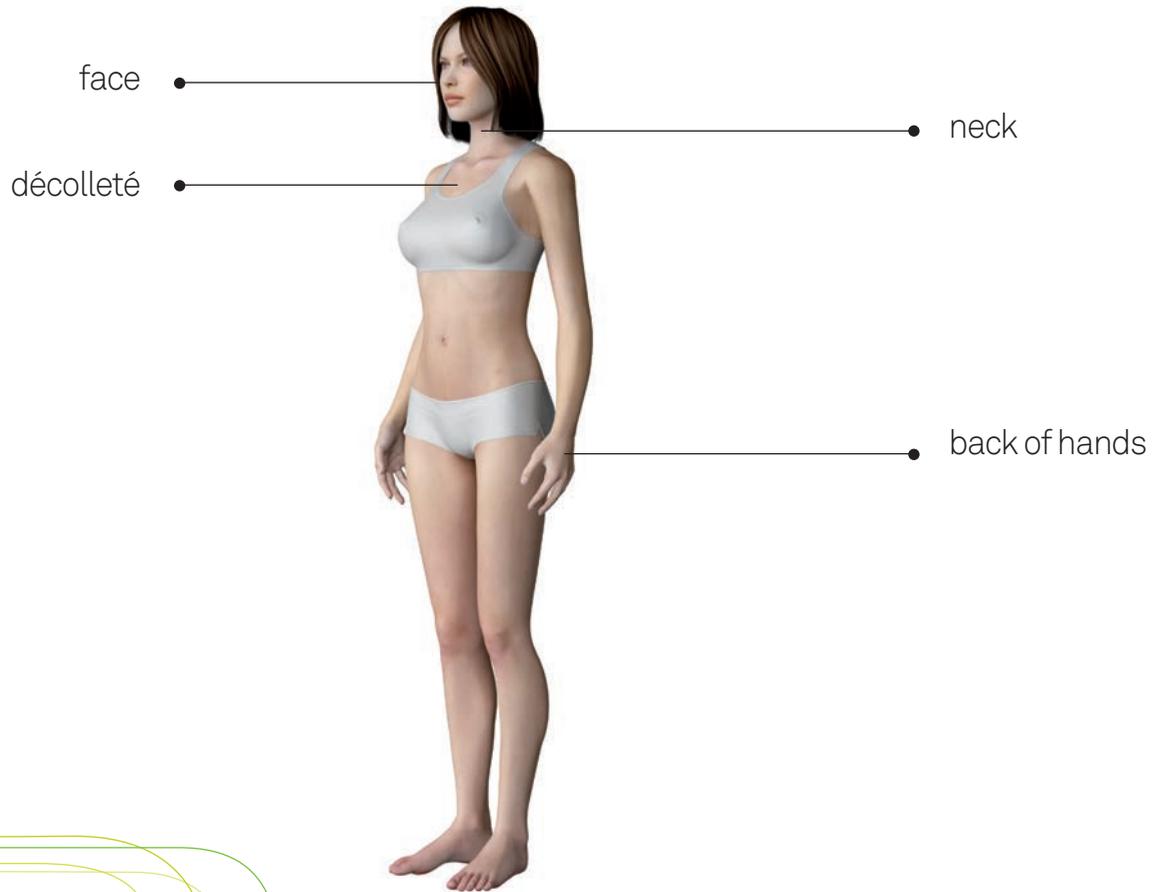
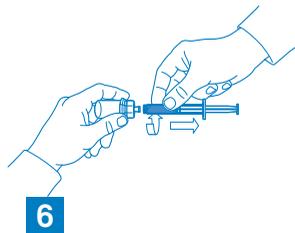
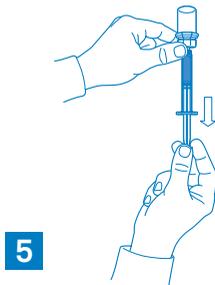
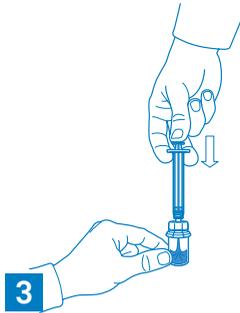
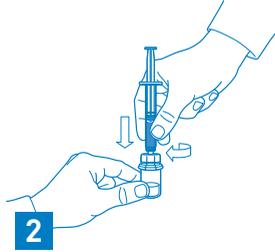


Figure 1: Treatment success 3 months after injection of MACDERMOL BIO REVITALISATION, as assessed by the patients, using the Global Aesthetic Improvement Scale (GAIS).

TREATMENT ZONES :



MIXING PROCEDURE



■ PHASE 1

Remove the Flip-Off button from the vial and disinfect the rubber top of the vial with an alcohol pad. Remove the cover from the vial adapter package. Do not remove the vial adapter from the blister package. Use the blister pack to handle the adapter and seat it on the vial by pushing down until the spike penetrates the elastomeric stopper and the adapter snaps in place.

■ PHASE 2

Remove the blister package and attach the prefilled syringe to the adapter.

■ PHASE 3

Transfer the content of the syringe into the vial by slowly pushing the plunger all the way in.

■ PHASE 4

Gently swirl the vial to make sure the product is thoroughly mixed.

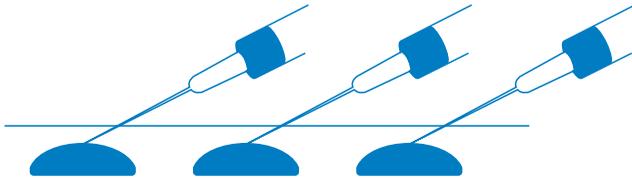
■ PHASE 5

Withdraw the mixed solution from the vial into the syringe.

■ PHASE 6

Remove the syringe from the adapter. The product is now ready for administration.

INJECTION PROCEDURE



Serial puncture technique



Linear threading technique

MACDERMOL BIO REVITALISATION is injected by serial puncture or linear threading technique into the dermis in the areas to be treated (face, neck, décolleté, hands).

The total injection volume is dependent upon the area to be treated.

The injection of **MACDERMOL BIO REVITALISATION** is reserved for medical practitioners trained in the intradermal techniques.

Other techniques exist. The choice is at the discretion of the physician.

TREATMENT REGIMEN

Envisage 2 to 3 initial sessions 2 to 3 weeks apart according to the result, an additional session 2 months after, and then a maintenance session approximately every 4-5 months.



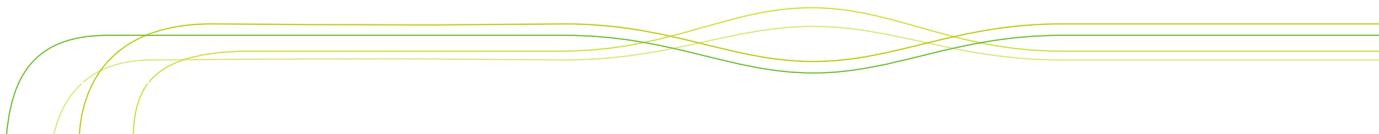
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MACDERMOL BIO REVITALISATION can be integrated in a global anti aging skin treatment plan and be combined with dermal fillers, botulinum toxin injections, chemical peels, lasers and dermocosmetics.

MACDERMOL BIO REVITALISATION can be used in adjunction to dermal fillers in pre/post injection in order to increase skin hydration and thus improve the filling, to finalize the result in insisting on fine lines that have not disappeared, especially around the lips and the eyes, and to protect the degradation of the filler and enhance the duration of the correction.

TECHNICAL DATA

COMPOSITION	Water for injection, ascorbic acid, alpha-tocopherol, hyaluronic acid, retinol, glycolic acid, sodium chloride, selenium.
HA CONCENTRATION	12 mg/ml after mixing
INDICATION	For patients with dehydrated, tired and dull skin
EFFECTS	Revitalizes and provides a long-lasting hydration to prevent and combat skin aging
RECOMMENDED ZONES	Face, neck, décolleté, back of hands
ADMINISTRATION	Multi-injections into the dermis
HOW SUPPLIED	One syringe containing 1 ml of HA-based gel and one vial containing 1 ml of Bio Revitalisation solution (a complex of active ingredients) to be mixed before use.
STERILIZATION	Autoclave + Microfiltration
STORAGE	Between +2°C and +25°C
SHELF LIFE	2 years





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