



**MACDERMOL**  
Bio Revitalisation

A NON-SURGICAL SKIN  
REJUVENATION TREATMENT



# WHAT IS MESOFILLING ?



Mesofilling is a specialized type of mesotherapy providing a micro-filling effect on the skin for aesthetic purposes.

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.).

**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
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# HOW DOES IT WORKS ?

**MACDERMOL BIO LIFT** 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 LIFT** 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

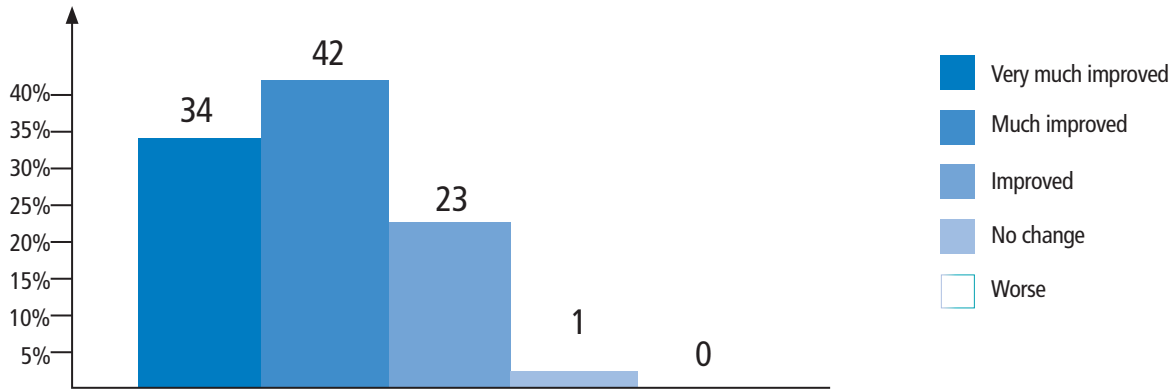
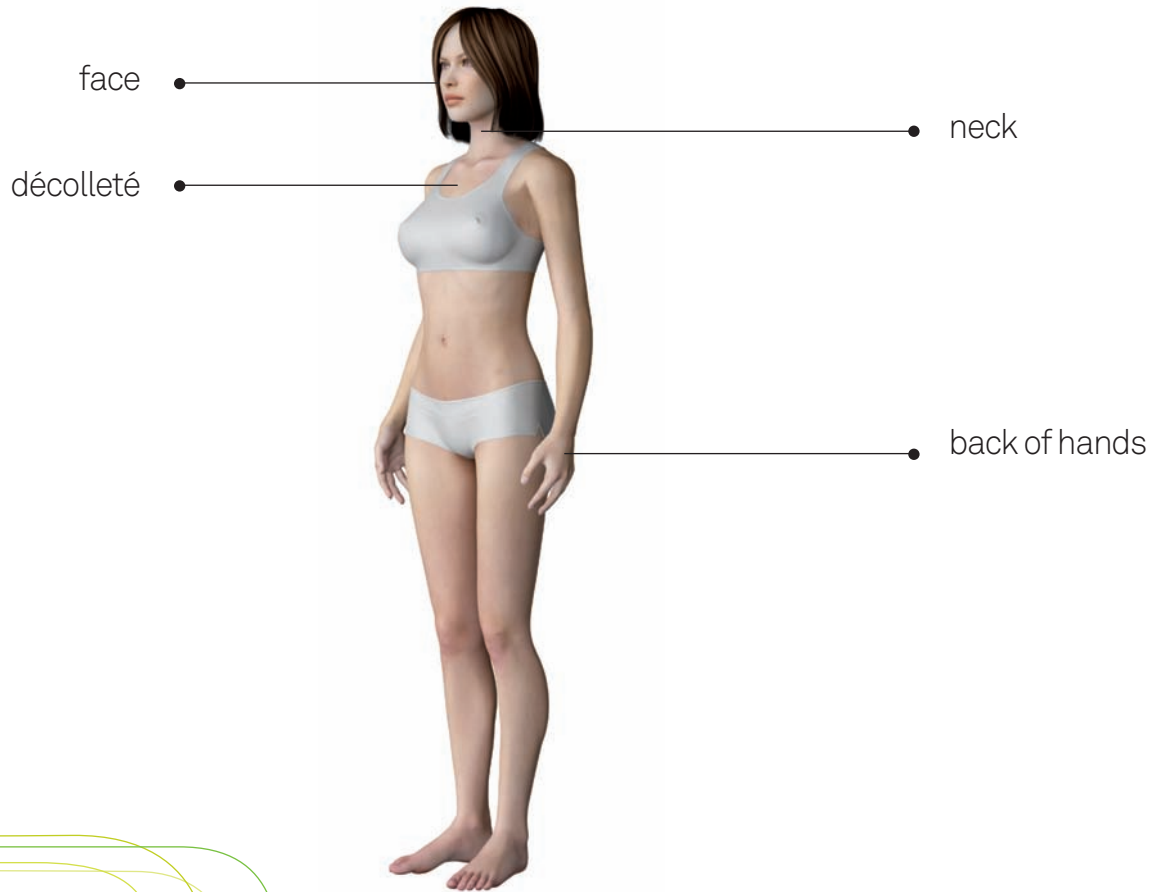
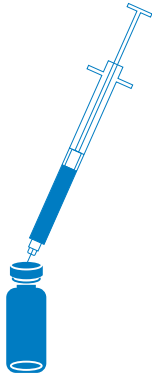


Figure 1: Treatment success 3 months after injection of MACDERMOL BIO REVITALISATION, as assessed by the patients, using the Global Aesthetic Improvement Scale (GAIS).

# TREATMENT ZONES :

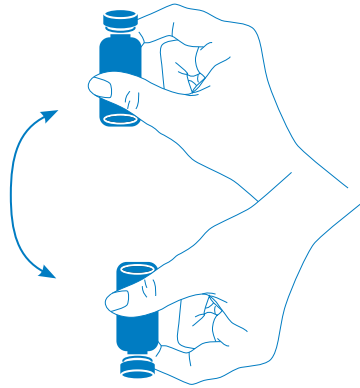


# MIXING PROCEDURE



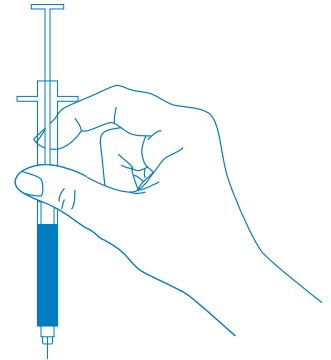
## ■ PHASE 1

Tear the aluminum caps off from the two vials and clean the rubber tops of the two vials with 70% alcohol. Attach 18 G sterile needle to a sterile single-use syringe. Using aseptic technique, withdraw the entire content of the vial of Bio Revitalisation solution and add it into the vial of hyaluronic acid-based gel.



## ■ PHASE 2

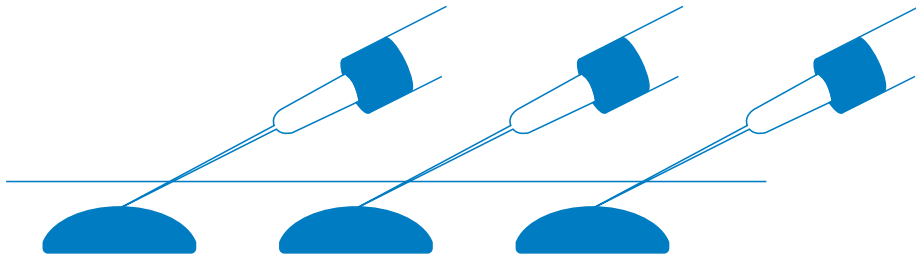
Agitate the vial until a homogeneous mixture is obtained. The mixture is usable within 28 days after the mixing with storage in the refrigerator.



## ■ PHASE 3

Clean the rubber top of the vial with 70% alcohol and use a new 18 G sterile needle to withdraw an appropriate amount of the mixture into a sterile single-use syringe. Replace 18 G needle with a sterile injection needle before injecting the product.

# INJECTION PROCEDURE



**MACDERMOL BIO REVITALISATION** is injected by the point-by-point technique into the dermis in the areas to be treated (face, neck, décolleté, hands).

Injection of about 0,05 to 0,1 ml at 1 cm intervals. 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 Meso-therapy technique.

# 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.

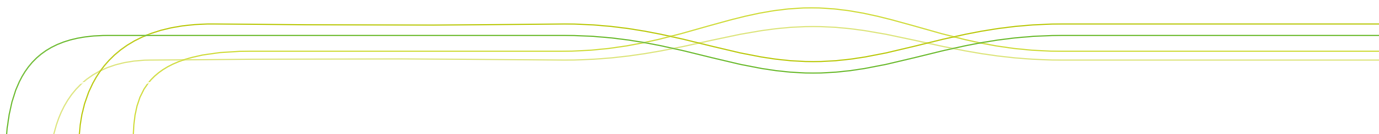


**MACDERMOL BIO REVITALISATION** can be integrated in a global anti aging skin treatment plan and be combined with dermal fillers, botulinum toxin injections, chemical peels, lasers and dermocosmetics.

**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	1 vial of hyaluronic acid-based gel (18 mg/ml) and 1 vial of Bio Revitalisation solution (a sterile solution containing vitamins and flavonoids)
INDICATION	For patients with dehydrated, tired and dull skin
EFFECTS	Revitalizes and provides a long-lasting hydration to prevent and combat skin ageing
RECOMMENDED ZONES	Face, neck, décolleté, back of hands
ADMINISTRATION	Multi-injections into the dermis
HOW SUPPLIED	2 x 10 ml glass vials containing each 5 ml of solution
STERILIZATION	Autoclave + Microfiltration
STORAGE	Between +2°C and 25°C
SHELF LIFE	2 years





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