

MACDERMOL
Bio Lift

AN ALTERNATIVE
TO SURGICAL FACELIFT

A decorative graphic consisting of three thin, wavy lines in shades of green and yellow, positioned below the main text.

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 LIFT is a mesofiller indicated to produce a lifting effect and correct the laxity of the cutaneous tissue.

WHAT IS IT USED FOR ?

CORRECTING SAGGING SKIN

Aging of the skin particularly induces a decline in the number and quality of the extracellular matrix components (collagen, hyaluronic acid, elastin, fibronectin, etc.), mainly due to hormonal decrease, oxidative stress and glycation process. With time and gravity, the soft tissue of the cheeks descends, forming the «nasolabial folds», the «jowls» and the «turkey neck», and creating a little pouch of excess tissue that will hide the natural contours of a youthful jawline. **MACDERMOL BIO LIFT** is a mesotherapy treatment specifically designed to correct this cutaneous sagging and provides an immediate and durable lifting effect on the skin.

MACDERMOL BIO LIFT restores volume, increases dermal elasticity and tonicity, and tightens and firms connective tissue. It corrects slackening skin and diminishes the appearance of wrinkles, improving the overall facial appearance.

A NON-SURGICAL FACELIFT

The decision to perform a surgical facelift is not related to age but to the degree of sagging of the soft tissue when no other less radical method can provide an improvement. When the intervention is refused by the practitioner (ptosis too moderate, mismatch between expectations and performance etc.) or when the patient wants to avoid a surgical procedure, **MACDERMOL BIO LIFT** become the best choice to improve the laxing of skin's structures due to aging. It represents an alternative to surgical facelift and delays the use of this invasive cosmetic procedure.

MACDERMOL BIO LIFT can also be prescribed for post surgical facelift maintenance or as an adjuvant to the operative procedure to potentiate the aesthetic results.

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

- Promotes the growth of elastic/collagenous fibers
- Strengthens and reinforces connective tissue
- Stimulates the production of glycosaminoglycans
- Increases skin elasticity and tonicity
- Tightens, tones and gives tension to the skin
- Improves the dermal density and firmness
- Restores facial volume and corrects skin thinning
- Reduces the appearance of wrinkles



EFFECTIVENESS

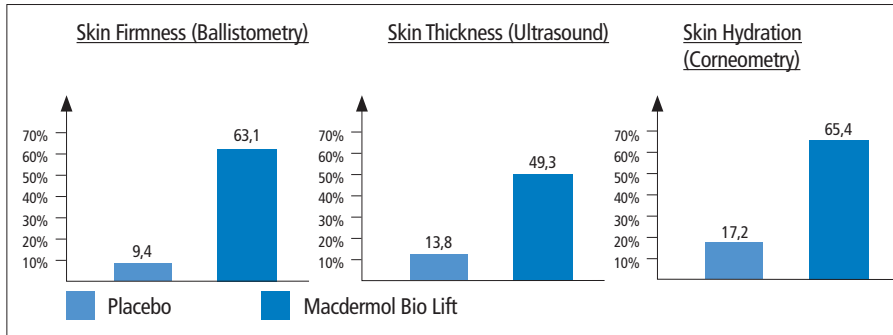


Figure 1: Instrumental tests

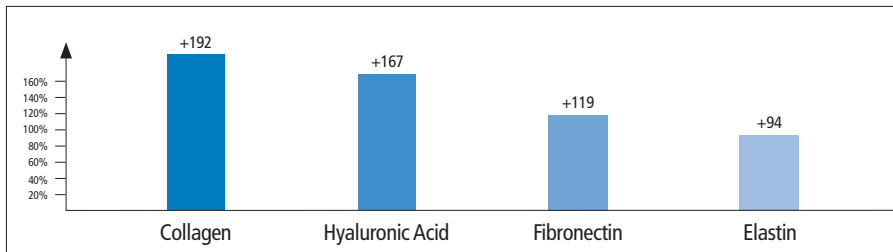


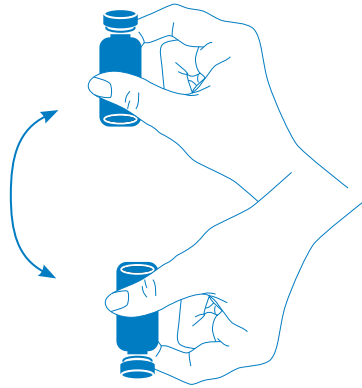
Figure 2: Stimulation of extracellular matrix components

MIXING PROCEDURE



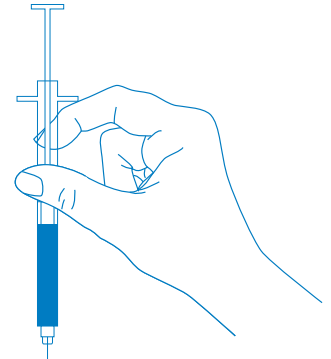
■ PHASE 1

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 Lift solution and add it into the vial of hyaluronic acid-based gel.



■ PHASE 2

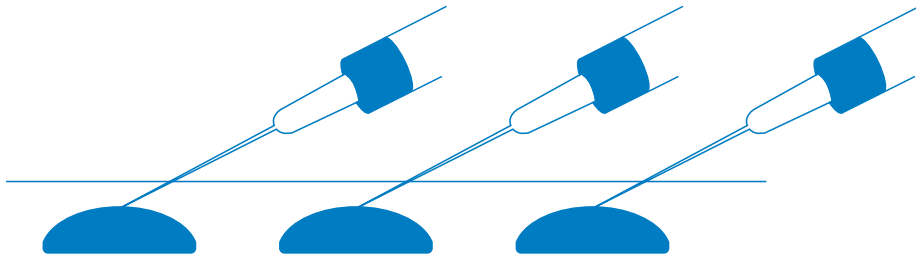
Agitate the vial until a homogeneous mixture is obtained. The mixture is usable within 28 days after the mixing with storage in the refrigerator.



■ 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

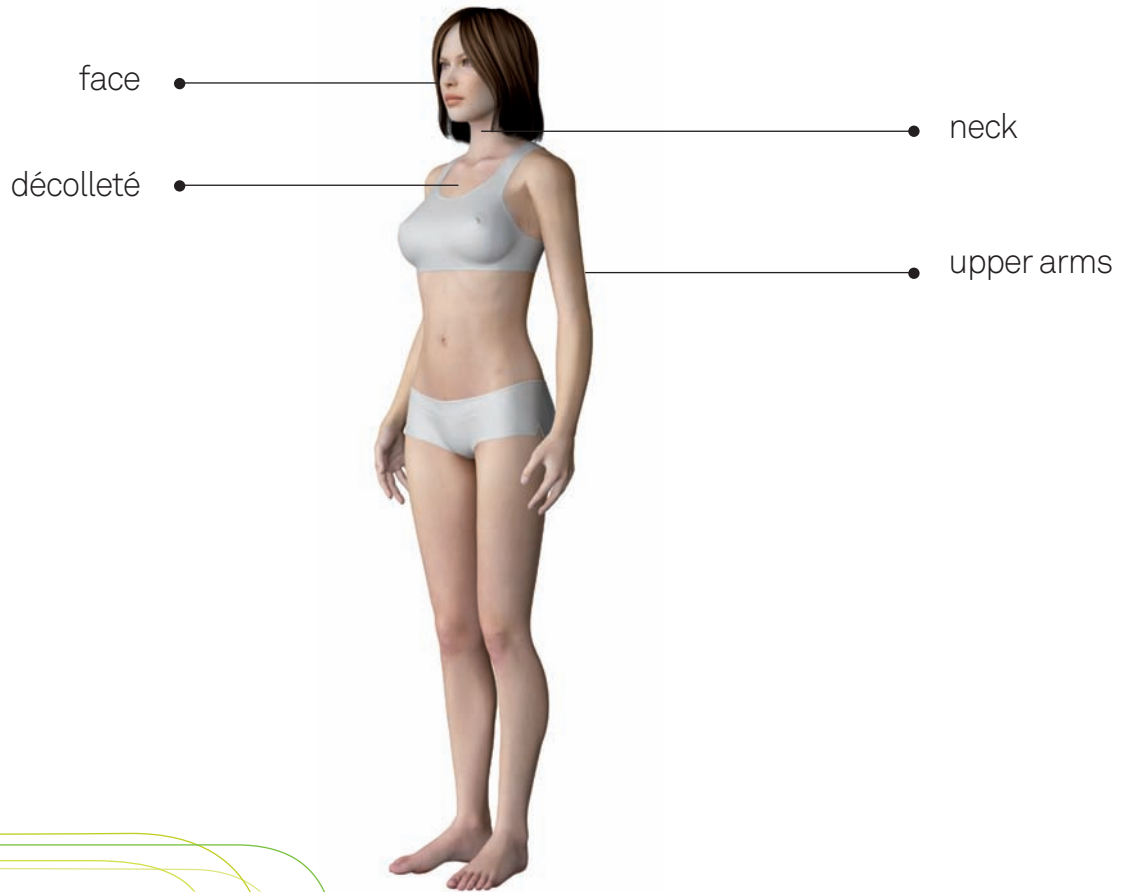


MACDERMOL BIO LIFT is injected by the point-by-point technique into the dermis in the areas to be treated (face, neck, décolleté, upper arms).

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 LIFT** is reserved for medical practitioners trained in the Mesotherapy technique.

TREATMENT ZONES :



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.

**2 TO 3
SESSIONS**

2 TO 3 WEEKS APART

INITIAL SESSIONS

**1
SESSION**

2 MONTHS AFTER

ADDITIONAL SESSIONS

**1
SESSION**

APPROXIMATELY
EVERY 4-5 MONTHS

MAINTENANCE

MACDERMOL BIO LIFT 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 LIFT 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 Lift solution (a sterile solution containing specific vitamins, amino acids and minerals)
INDICATION	For patients with relaxed and atonic skin
EFFECTS	Provides an immediate lifting effect. Tightens and tones sagging skin
RECOMMENDED ZONES	Face, neck, décolleté, upper arms
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





manufactured by:
NOVATEX BIOENGINEERING SA
Avenue des Sports 26
CH-1400 Yverdon-les-Bains
Switzerland
www.novatex-bioeng.com