

MACDERMOL[®]

DERMAL FILLING
AND MESOTHERAPY PRODUCTS
FOR SKIN REJUVENATION

A decorative graphic consisting of several thin, overlapping wavy lines in shades of yellow, orange, and red, positioned below the main text.

MACDERMOL®

MACDERMOL® is a range of injectable hyaluronic acid-based gels indicated for the correction of cutaneous depressions, such as skin creases, lines, wrinkles, folds, and concave scars.

MACDERMOL® acts mechanically, by absorbing water and swelling¹, and biologically, by enhancing the synthesis of new collagen and glycosaminoglycans². This dual effect makes it possible to create a volume that corrects immediately and durably the skin depression.



A SAFE TECHNOLOGY

- Very high purity. The HA used in **MACDERMOL** has the highest purity attainable (less than 0,05 % of proteins and less than 0,0015 IU/mg of endotoxins).
- Non-animal origin. **MACDERMOL** is manufactured from a HA obtained by biofermentation.
- Fully biocompatible. **MACDERMOL** is completely natural, biocompatible, bioresorbable and non-allergenic product.
- Simple, quick and no downtime. The procedure takes only few minutes and daily routine can be resumed immediately after the injection.
- Surgery-free alternative. **MACDERMOL** is a non-surgical procedure and helps to avoid or delay plastic surgery.
- Natural cross-linking system. **MACDERMOL** is cross-linked through a proprietary technology without any toxic agents such as BDDE, formaldehyde, divinyl sulfone etc.
- Very low rate of adverse events. Clinical and practice data indicate that **MACDERMOL** has a lower rate of adverse events in comparison with other competitors.
- Complete control of the manufacturing process. **MACDERMOL** is manufactured under the highest quality standards with top qualified engineers and latest technology.

AN EFFECTIVE TECHNOLOGY

- Multi-actions. **MACDERMOL** hydrates, provides healing, anti-inflammatory, antioxidant effects, stimulates collagen and proteoglycan synthesis, and plays a significant role in the defensive function of the skin.
- Resistance to degradation. Thanks to a proprietary triple cross-linking technology, **MACDERMOL** provides high power of water retention and enhanced viscoelastic properties, as well as a better resistance to enzymatic degradation and free radicals.
- New collagen production. Copolymerization producing a synergistic effect on glycosaminoglycan and collagen synthesis.
- Very high HA concentration. Thanks to a proprietary process, **MACDERMOL** provides the highest HA concentration on the market.
- Optimal molecular weight. According to external and internal clinical data, the average HA molecular weight in **MACDERMOL** is the most favorable in terms of soft tissue augmentation.
- Perfect elasticity. The gel is easily injected and well attached to the surrounding tissues.
- A complete range designed for each specific indication. The different presentations make it possible to target various patient needs.

	MACDERMOL 18	MACDERMOL 21	MACDERMOL 24	MACDERMOL 30
COMPOSITION	NON-ANIMAL HYALURONIC ACID (HA)			
INDICATION	CORRECTING FINE LINES	CORRECTING SUPERFICIAL TO MODERATE SKIN DEPRESSIONS	CORRECTING MODERATE TO DEEP SKIN DEPRESSIONS	CORRECTING DEEP TO VERY DEEP SKIN DEPRESSIONS
INJECTION TECHNIQUE	POINT-BY-POINT OR LINEAR THREADING INJECTION TECHNIQUE			
INJECTION DEPTH	SUPERFICIAL DERMIS	SUPERFICIAL TO MID DERMIS	MID TO DEEP DERMIS	DEEP DERMIS TO SUBCUTANEOUS TISSUE
DURATION OF EFFECT ³	3 TO 4 MONTHS	4 TO 6 MONTHS	6 TO 8 MONTHS	8 TO 10 MONTHS
HA CONCENTRATION	18 MG/ML	21 MG/ML	24 MG/ML	30 MG/ML
VOLUME CAPACITY	•	••	•••	••••
HOW SUPPLIED	1 ML PREFILLED SYRINGE OR 5 ML MULTIDOSE VIAL			
STERILIZATION	AUTOCLAVE			
STORAGE	BETWEEN +2°C AND +25°C			
SHELF LIFE	2 YEARS			

¹The hyaluronic acid in MACDERMOL can hold more than 3000 times its weight in water.

²The body's own natural collagen and hyaluronan production is dramatically enhanced at 4 and 12 weeks after treatment.

³Average duration depending on several factors such as patient's skin quality, patient's lifestyle, injection technique of the practitioner and volume injected.

USES



FOREHEAD LINES ■

GLABELLAR LINES ■

PERIORBITAL LINES ■

NASOLABIAL FOLDS ■

VERMILION BORDER ■

PERIORAL LINES ■

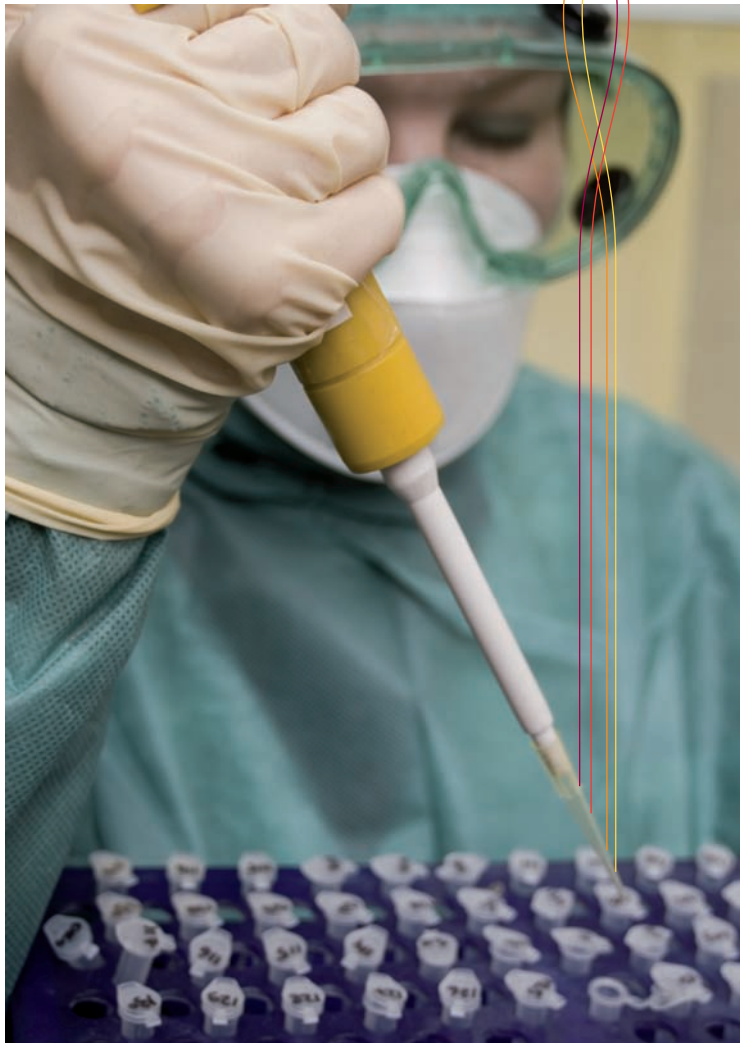
ORAL COMMISSURES ■

SMILE LINES ■

MARIONETTE LINES ■

HORIZONTAL NECK LINES ■





MACDERMOL®

Launched in 2001, **MACDERMOL®** is a family of hyaluronic acid-based gels for intra- and subdermal use.

All the products are classified as medical device of class III and bear the CE mark.

MACDERMOL® is manufactured by the biotechnology company Novatex Bioengineering under strict quality control and meets the requirements of the European Medical Devices Directive 93/42/EEC.

Novatex Bioengineering, a subsidiary of Laboratoires ORGEV, is ISO 9001:2008 and ISO 13485:2003 certified.

For more information, please visit www.macdermol.com.



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