



ARGIRELINE

Anti-Wrinkle Solution

Argireline Anti-Wrinkle Solution combines two active ingredients to achieve a mild, non-toxic botox effect, reducing and preventing emotional wrinkles by inhibiting muscle contraction. The perfect botox alternative for those who do not wish to lose their full range of facial expression.

Argireline Anti-Wrinkle Solution has been proven effective both in reducing existing facial wrinkles and in preventing the development of new lines, directing its formulation to the heart of the very same wrinkle-formation mechanism.

Argireline Anti-Wrinkle Solution is effective for expression lines on the forehead, between the eyebrows, around the eyes and to reduce "bar code" lines on the lips.

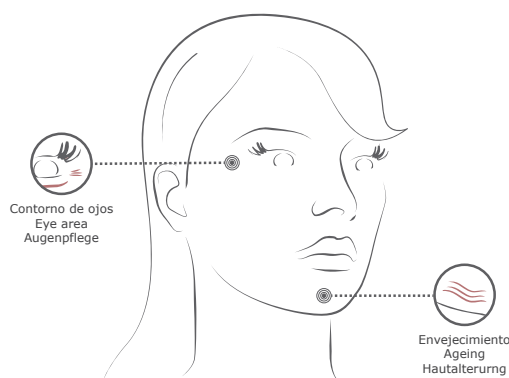
DETAILED INFORMATION

Inspired by the mesobotox treatment, this solution combines two ingredients to achieve a mild, non-toxic botox effect. It reduces and prevents emotional wrinkles by inhibiting muscle contraction.

Faces with more complex expressions and whose overlapping of muscular functioning are a standard contra-indication of the botox, since this would lead to rather sinking and the general aspect becomes sad. Argireline, acetyl hexapeptide-3 a unique peptide, is a chain of six amino acids that both reduces the degree of existing facial wrinkles and has been demonstrated effective against their development. This solution is a non-toxic, safer and milder alternative to botulinum toxin, topically targeting the same wrinkle-formation mechanism in a very different way. Muscular contraction is attenuated twice by blocking ions entrance with leuphasyl, and modulating the formation of the SNARE complex with argireline.

Muscles are contracted when they receive neurotransmitter released from a nerve cell and botulinum toxin A paralyzes the muscle by selectively blocking acetylcholine release at the neuromuscular junction. BONT-A cleaves the protein SNAP-25 irreversibly, and therefore the SNARE complex cannot assemble. Argireline is a mimic of the N-terminal end of SNAP-25 and it competes with the natural protein for a position in the SNARE complex, so it destabilizes its formation, without breaking any of its components. If the SNARE complex is slightly destabilized, the vesicle cannot release neurotransmitters.

Leuphasyl, a pentapeptide mimics the natural path of enkephalins, acting on expression wrinkles formation in a new way. It is a modified enkephalin that couples to the enkephalin receptor, outside of nerve cells.



PRESENTATION

Ampoule | 2 ml | 0,07 fl.oz. | Box of 10 ampoules

TREATMENTS

Anti-ageing
Eye area

CLAIM

Anti-wrinkle serum for expression lines.

TREATMENTS AND RECOMMENDED MIXTURES¹

Treatment	Ingredient	Quantity
EYE AREA Crow's feet	Argireline	2 ml
	Hyaluronic Acid 2%	2 ml
	Vitamin A	2 ml

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<p>EYE AREA Emotional wrinkles</p>	<p>BCN Base Argireline</p>	<p>3 ml 2 ml</p>
<p>MESOLIFT AND ANTI-AGEING Emotional wrinkles</p>	<p>BCN Base Argireline</p>	<p>3 ml 2 ml</p>

¹ Create most appropriate mixture individually for your client's skin problem.

More information: www.institutebcn.com












TREATMENT PROTOCOLS

Initial considerations

THE IMPORTANCE OF INGREDIENTS: THE MESOCEUTICALS®

It is very important to use sterile and aseptic products in treatments with Meso Pen or Meso Roller. You have to keep in mind that this type of treatment produces small wounds on the skin's cutaneous surface. Therefore, the application of non-sterile products on the patient's skin may improve the risk of different cutaneous infections. Plus, the additives, preservatives and perfumes added to non-sterile products suppose a higher risk of allergies because when applied with Meso Pen or Meso Roller they reach a higher depth than with topic use.

The Institute BCN's mesoceleuticals® are:

 Meticulously selected pure active ingredients	 Based on original mesotherapy formulas	 Sterile (no preservatives or additives) and highly tolerant	 Pharmaceutical formulations
 Safe	 Highly concentrated	 Proven effectiveness	 Comfortable application using a gentle cosmetic procedure
 Products can be combined to obtain a specific mix for each individual case to be treated	 Monodose	 Mesotherapeutic product for aesthetic purposes	

RECOMMENDED PROTOCOL

Institute BCN team works hard to know and prove the **latest improvements on techniques and procedures applied to transdermal mesotherapy treatments**. The recommendations you will find below are the result of our daily work.

Institute BCN strongly recommends the following two-phase protocol:

1. Meso Pen (ideally) or Meso Roller treatment.
2. TDS treatment (Transdermal Delivery System)* for the application of a hyaluronic acid layer on face treatments and hyaluronic acid + DMAE layer on body treatments.

* [Electroporation, iontophoresis, ultrasounds, thermotherapy, vacuum therapy, galvanic and continuous currents or radiofrequency, among others].

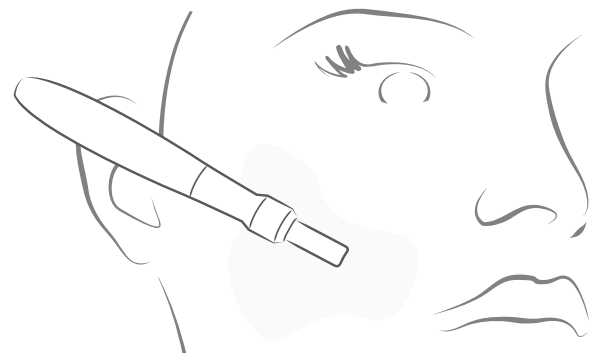
It is not indispensable to apply the combined technique Meso Pen + TDS. It is also possible to perform the treatment only with Meso Pen, Meso Roller or TDS individually. For traditional mesotherapy treatments see the applicable law in your country.

BENEFITS OF MESO PEN + TDS PROTOCOL

Meso Pen is an electronic micro needle mechanism that opens more than **1.000 micro channels per second in the skin**. These cutaneous micro channels or micro trauma create an innate response on the organism that helps repair the skin, which leads to the following benefits:

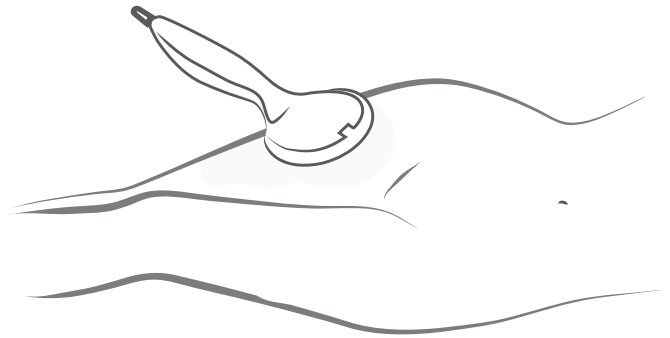
- Stimulates **collagen and elastin** creation.
- Has a **firming and rejuvenating** effect.
- Improves the appearance of **scars and stretch marks**.
- Improves skin **wrinkles** and fine expression lines.
- Reduces **pore** size.
- Stimulates **hair** growth and prevents hair loss.
- In addition, favours the penetration of **active ingredients**.

Meso Pen is the **most secure, hygienic, quick and effective** transdermal penetration system of the market.



The infiltration of a **Hyaluronic Acid 2% (BCN Classics, sterile vial)** layer after the Meso Pen treatment, applied with any of the transdermal delivery systems (TDS), leads to the following benefits:

- Creates a **'sealing effect'** that fixes the product or mix applied during the treatment, increasing its results.
- This 'sealing effect' contributes to **prevent transdermal water losses** that may arise from Meso Pen treatments and increases skin hydration.
- **Protective** action. It creates a non occlusive film that protects the skin from environmental aggressions.
- **Scarring** effect. It favours a quick skin re-epithelialisation, in other words, the recovery of its normal functions and cellular communication after disturbances induced by Meso Pen treatment.
- **Filling** action. Hyaluronic acid retains water molecules creating a filling effect and increasing skin volume.
- Also, it offers a **warm and nice sensation** to the patient as the final part of the treatment.



SESSIONS' INTERVAL / ACTIVE INGREDIENTS QUANTITY

Sessions	<p>We recommend a 14 days interval between sessions with Meso Pen.</p> <p>We recommend a 7 days interval between sessions with Meso Roller.</p> <p>We recommend a 6 days interval between sessions with TDS.</p>
Quantity / area	Mixtures quantities can be changed according to the treated area and the system used.

TREATMENTS WITH MESOCEUTICALS®



ACNE



ANTI-AGEING



CELLULITE



EYE AREA



STRETCH MARKS AND SCARS



LOCALIZED FAT



HYPERPIGMENTATION



HAIR LOSS



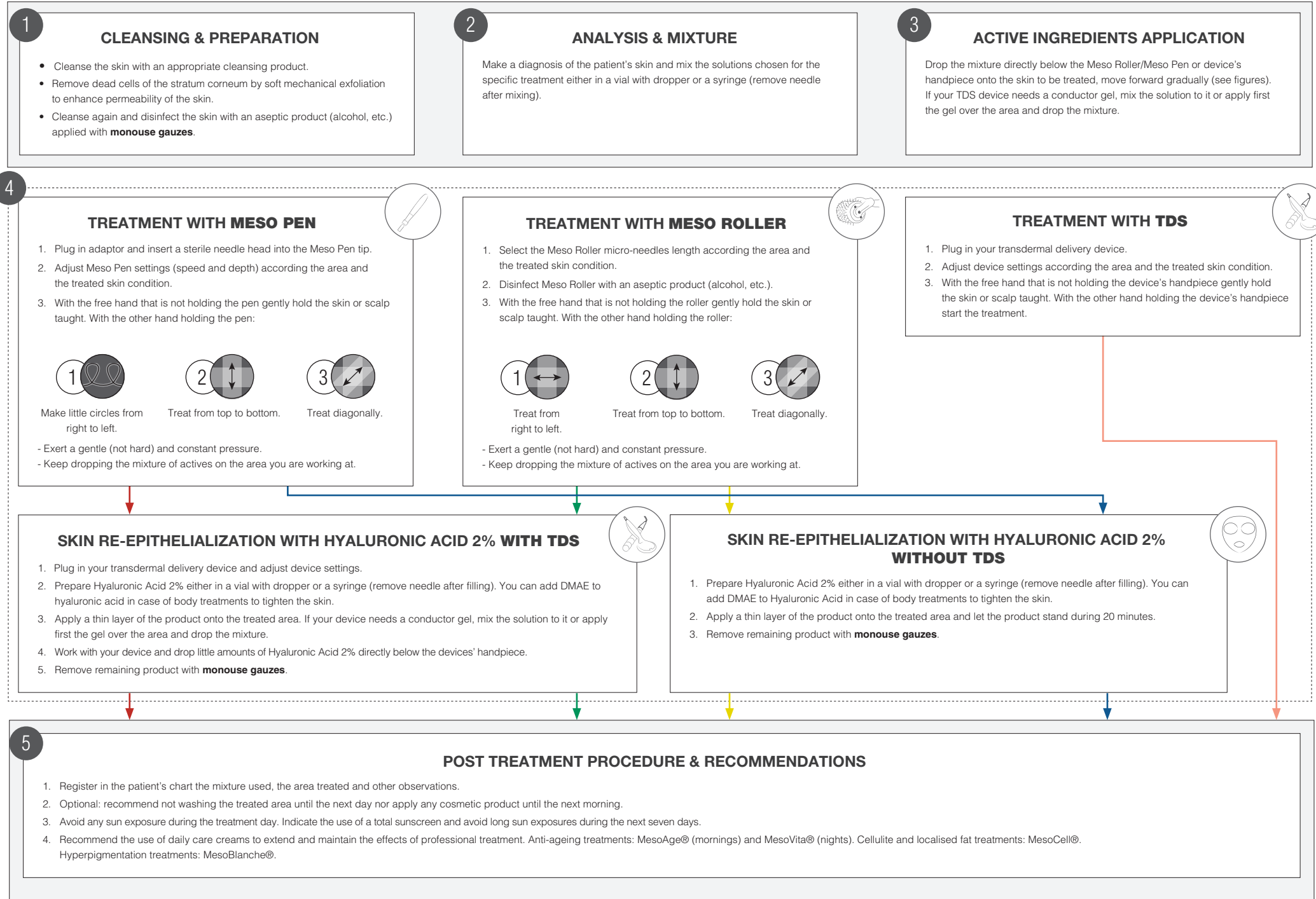
FIRMING



COUPEROSE

WARNINGS

- See the applicable law in your country.
- We recommend getting a signed consent from each patient before starting the treatment.
- To avoid infections, make sure the device is not in touch with other objects before the treatment.
- Follow the hygienic standards of medical-aesthetic practice (disinfection, use of gloves, treatment room's proper cleansing, etc.).
- Examine skin's patient before treatment. Do not perform the treatment if the skin is infected, inflamed, injured or if there is any other anomaly.
- Make sure you check the seal, damage and term of validity of the active ingredients before starting the treatment.
- Meso Pen needles are for single use only. Meso Roller is for personal and not transferable use and should be disinfected before and after each treatment.
- Do not exert excessive pressure with Meso Pen nor and Meso Roller.
- Avoid the contact of Meso Pen and Meso Roller with lips and eyelids, as the skin is thinner in these areas.
- Do not perform this kind of treatments to underage people.
- Redness and burning/ itching mild sensation are absolutely normal reactions after the treatment with Meso Pen or Meso Roller. Duly inform the patient about it.
- Follow the instructions, contraindications and warnings supplied by the manufacturer of the device used for the treatment carefully.
- You should pay special attention to patients who have or have suffered from various diseases such as heart abnormalities, blood clotting problems, platelet abnormalities, anticoagulant therapy, facial cancer (past or present), chemotherapy, steroid treatment, facial skin diseases, diabetes and other chronic diseases. It is not recommended to use Meso Pen to pregnant or lactating women. It is also not recommended to apply a Meso Pen treatment to people who have undergone a botox treatment after 2 weeks minimally or 4 if they have some kind of filler.
- If rashes, allergic reactions or other unwanted effects occur, stop the treatment immediately and contact Institute BCN customerservice@institutebcn.com.

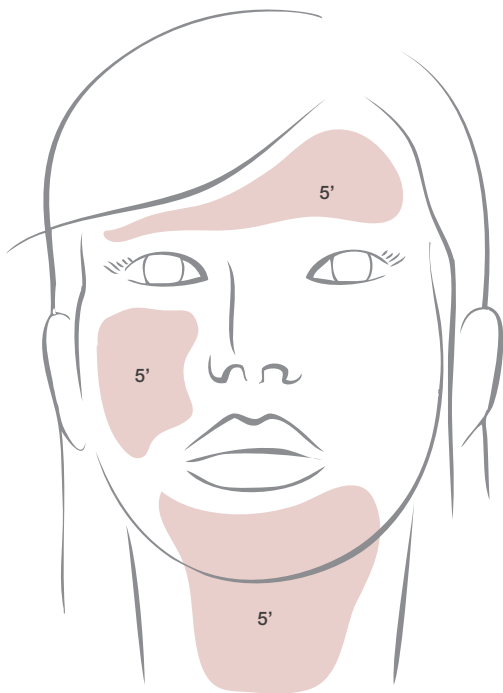
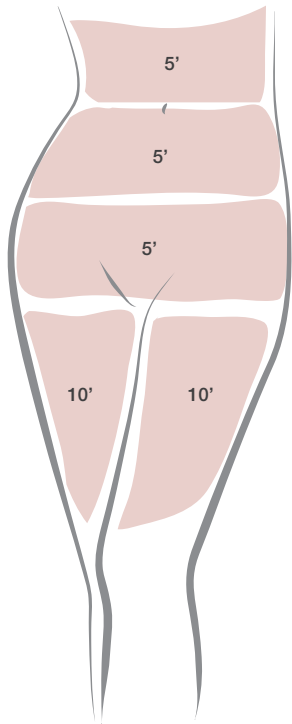


Vertical Legend:

- TDS (red arrow)
- Meso Roller (yellow arrow)
- Meso Roller + TDS (green arrow)
- Meso Pen (blue arrow)
- Meso Pen + TDS (red arrow)

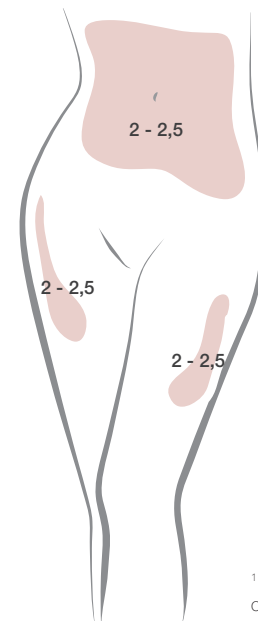
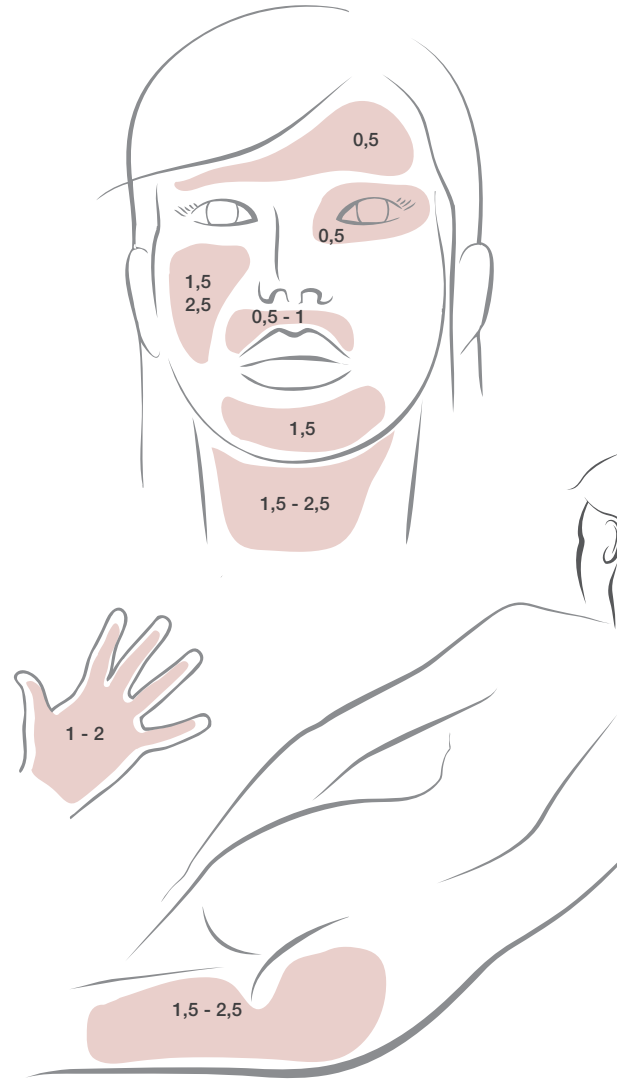
TDS

RECOMMENDED TREATMENT TIME PER AREA



MESO PEN

RECOMMENDED DEPTH PER AREA¹



¹ Depths over 2mm can only be applied by qualified medical professionals.