



HYALURONIDASE 1500 UI

Anti-Cellulite Solution

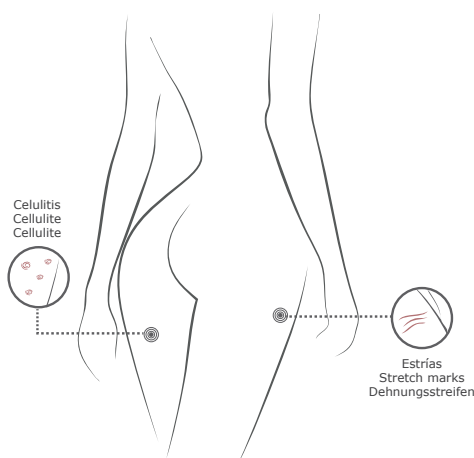
Hyaluronidase is a protean enzyme especially effective in treating the fibrosis associated to cellulite. This active ingredient prevents the hyperpolymerization of glycosaminoglycans responsible for water retention, acting directly to remove the retained liquid and reduce the adipocytes volume.

DETAILED INFORMATION

Hyaluronidase is particularly suitable for treating cellulite because it is an active ingredient that attacks the fibrosis associated to this problem.

Its mechanism of action is to prevent the hyperpolymerization of glycosaminoglycans responsible for water retention. Hyaluronidase depolymerises sulfuric chondroitin and hyaluronic acid from the ground substance of connective tissue. Also enhances cellular exchange in triglycerides accumulated within adipocytes.

The result of its action is the removal of retained fluids and the reduction of the adipocytes volume, being that triglycerides accumulated there become free fatty acids and glycerol, elements that cover the energy requirements of the organism. Furthermore, hyaluronidase facilitates removal of intraderm water bags and promotes the penetration of other active substances through the skin.



PRESENTATION

Vial | 1500 UI | 0,508 mg | Box of 5 / 10 vials

TREATMENTS

Cellulite
Stretch marks and scars

CLAIM

Anti-cellulite serum that improves the appearance of cellulite.

PRODUCT PREPARATION

Dilute the content of each vial in 8 ml of deionized water.

TREATMENTS AND RECOMMENDED MIXTURES¹

CELLULITE	Hyaluronidase 1500 UI	10 ml
STRETCH MARKS & SCARS Scars	Hyaluronidase 1500 UI	10 ml

¹ It is not recommended to mix Hyaluronidase 1500 UI with other products.

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 mesoceuticals® 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].

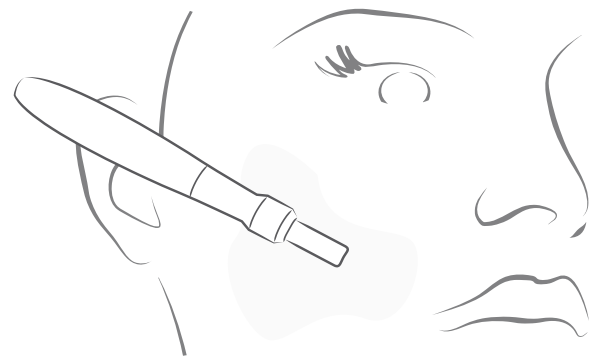
It is not indispensable to apply the combined technique Meso Pen + TDS. It is also possible to perform the treatment only with Meso Pen, Meso Roller or TDS individually. For traditional mesotherapy treatments see the applicable law in your country.

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:

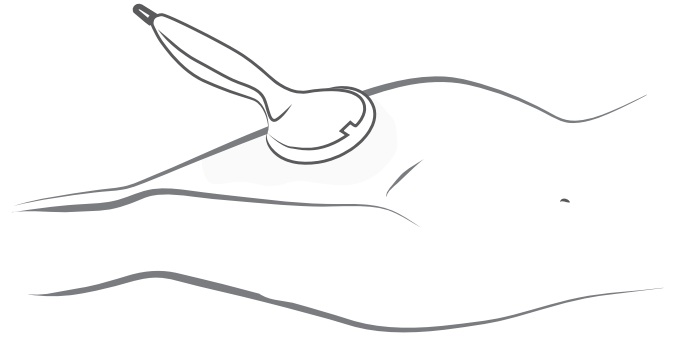
- Stimulates **collagen and elastin** creation.
- Has a **firming and rejuvenating** effect.
- Improves the appearance of **scars and stretch marks**.
- Improves skin **wrinkles** and fine expression lines.
- Reduces **pore** size.
- Stimulates **hair** growth and prevents hair loss.
- In addition, favours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



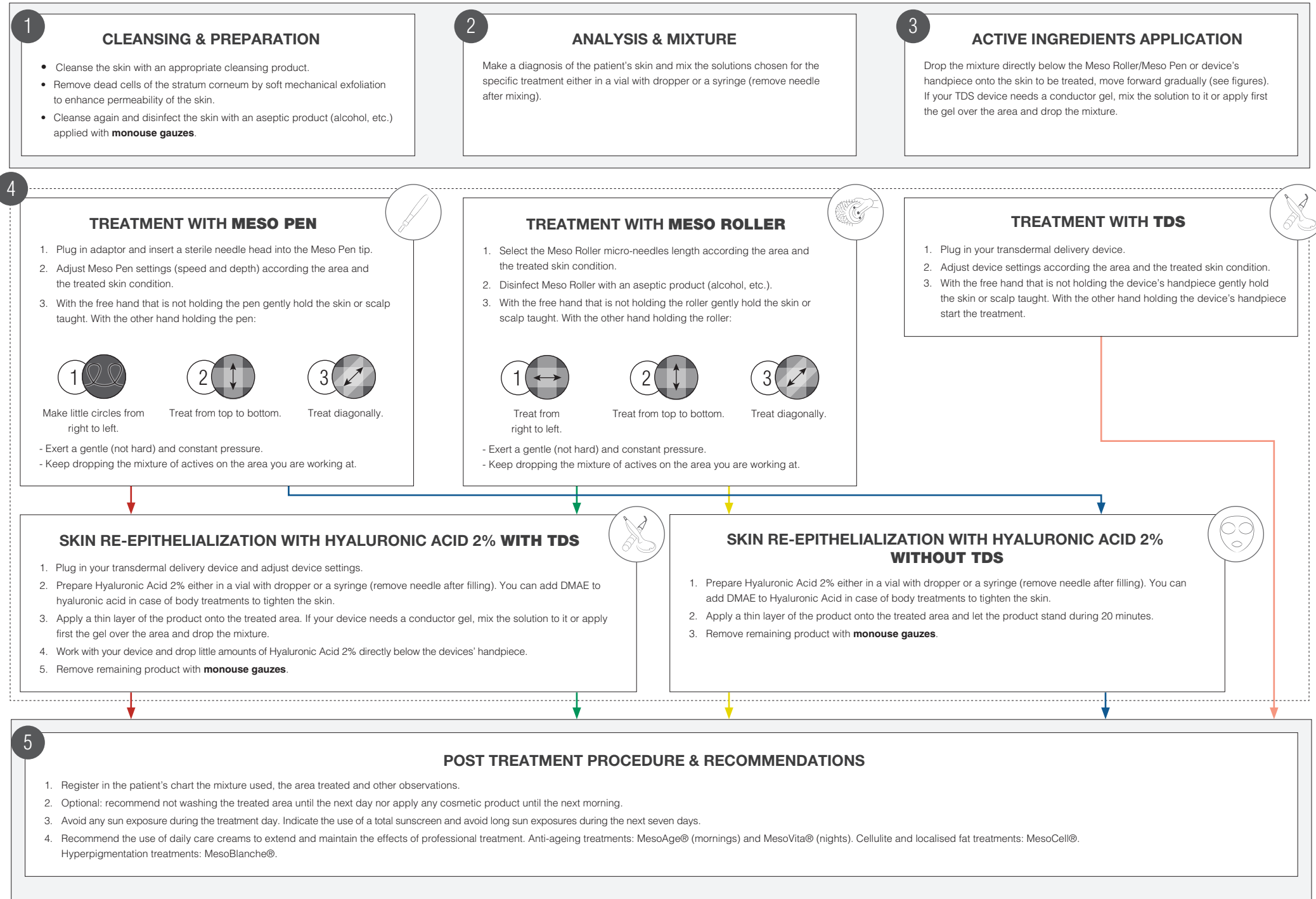
FIRMING



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.



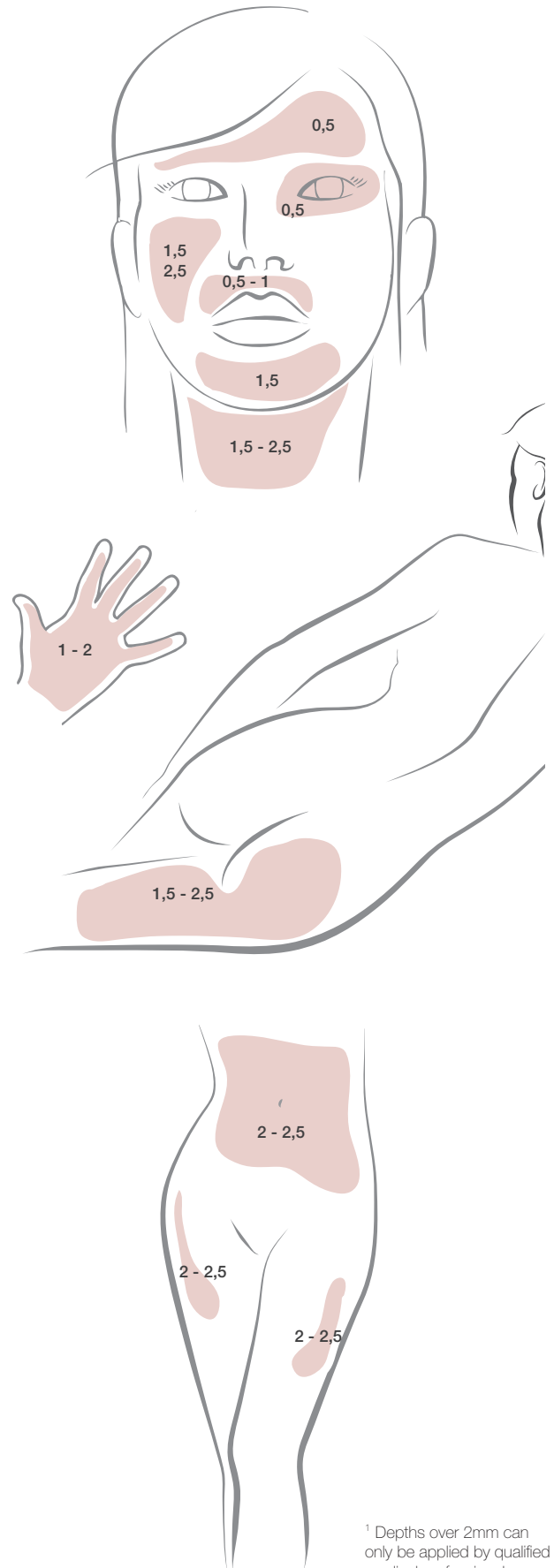
TDS

RECOMMENDED TREATMENT TIME PER AREA



MESO PEN

RECOMMENDED DEPTH PER AREA¹



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