



# BCN MELANO

## Enlightening Cocktail

This formula has been carefully developed to correct changes to the skin such as hyperpigmentation and age spots. It prevents photo-ageing, improves acne marks and scars and gives the skin a more youthful appearance thanks to its five active principles: glutathione, glycolic acid, kojic acid, vitamin C and citric acid.

Glutathione in high concentration, vitamin C and citric acid as anti-oxidants for the skin. Glutathione is also a detoxifying agent and inhibits the synthesis of melanin, an action that works in synergy with kojic acid.

Glycolic acid is used for its exfoliating effect in order to increase the penetration of the other topical agents, at the same time as depositing hydrating agents inside the surface of the newly exfoliated skin. Thereby reduces the appearance of fine lines, wrinkles and age spots and also improves sun-damaged skin.

## DETAILED INFORMATION

Pigmentation on the skin due to age, sun exposure or disorders such as melasma have led to a need for the development of formulations such as BCN Melano which, thanks to its five active principles carefully selected for their depigmentation and anti-oxidant effects, are able to treat these changes to the skin and restore its smooth, even and luminous tone. These five ingredients are glutathione, glycolic acid, kojic acid, vitamin C and citric acid.

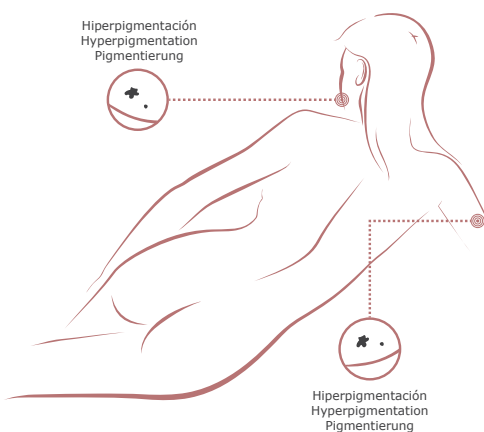
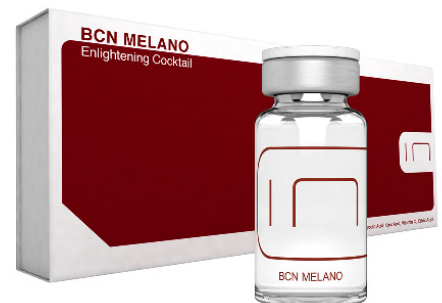
Glutathione highly concentrated (600 mg per gram of tissue) together with vitamin C makes this product a powerful anti-oxidant for the skin that reduces the damage caused by free radicals which are a harmful by-product of sunlight, smoke and pollution. Similarly, glutathione plays an important role in protecting the cell during ageing, acting also as a detoxifying agent and inhibiting the synthesis of melanin. This capacity makes it an essential component in the treatment of melasma, which is nothing more than a hyperpigmentation of the skin, characterised by the presence of irregular patches of light brown to greyish colour in the areas of the face exposed to the sun and which can also appear during pregnancy, when taking birth control pills, or among those with dark skin.

This last action is strengthened with the presence of kojic acid (5 Hydroxi 2-Hydroximethyl-Pyrone) in the formulation, since this is a powerful inhibitor of the production of melanin, also known for its 'whitening' effect. It presents the advantage of not staining the skin even when it is exposed to the sun and is not toxic to the cutaneous cells, as is the case with other depigmentation products. Therefore, apart from treating the spots, it gives the skin a uniform tone and makes it more luminous. Numerous studies have demonstrated its depigmenting effect after exposure to ultraviolet radiation, equivalent to the effect of a sunscreen (Mishima, Nair and Trampusch et al.) and its beneficial effect on melasma (Mishima Y. 1987, Nakayama H. et al. 1981 and 1982 and Minami K. 1982). Similarly, it is characterised by excellent tolerance, which has also been made clear in the various clinical trials that have been conducted.

Another of the components of BCN Melano is glycolic acid, the  $\beta$ -hydroxy acid (AHA) used more frequently. Thanks to its exfoliating effect, it is used to reduce the barrier of the stratum corneum and increase the penetration of the other topical agents, at the same time as stimulating the growth of the skin and collagen. The result is a much smoother skin and a more youthful appearance. Another advantage of glycolic acid is its capacity to deposit hydrating agents inside the surface of the newly exfoliated skin, reducing the appearance of fine lines and wrinkles, age spots and improving sun-damaged skin. All these properties make it an agent that works in total synergy with the other components of this formula.

Vitamin C is a very effective anti-oxidant which neutralises free radicals, inhibits melanin, stimulates the growth of the hydrolipid film and increases the synthesis of collagen. Its topical use is vital for curing wounds and burns caused by the sun, since it also helps stabilise collagen and repair elastic tissue. It is used in the prevention and treatment of photo-ageing, as well as the appearance of 'broken' blood vessels.

Finally, citric acid is an organic tricarboxylic acid used habitually in cosmetics for its antimicrobial and anti-oxidant effect, which contributes to the stability, effectiveness and improved appearance of the final result, as well as adding its anti-oxidant action to that of the other active principles.



### PRESENTATION

Vial | 5 ml | 0,176 fl.oz. | Box of 5 vials

### ACTIVES

Glutathione 600, Glycolic Acid, Kojic Acid, Vitamin C, Citric Acid

### TREATMENTS

Hyperpigmentation

### CLAIM

Enlightening treatment softens pigmentations on face and/or body.

Continue on next page

TREATMENTS AND RECOMMENDED MIXTURES<sup>1</sup>

HYPERPIGMENTATION AND DEPIGMENTANT	BCN Melano	5 ml
HYPERPIGMENTATION AND DEPIGMENTANT	BCN Melano BCN Base	3 ml 1 ml
HYPERPIGMENTATION AND DEPIGMENTANT Skin whitening	BCN Revita-HA BCN Melano	3 ml 3 ml
HYPERPIGMENTATION AND DEPIGMENTANT	BCN Melano Glutathione 600	3 ml 1 ml

<sup>1</sup> Create most appropriate mixture individually for your client's skin problem.

**More information: [www.institutebcn.com](http://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].

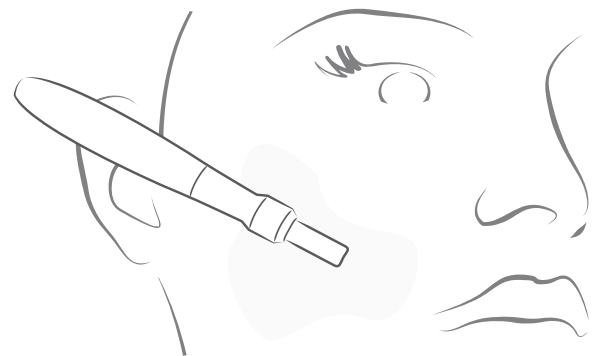
It is not indispensable to apply the combined technique Meso Pen + TDS. It is also possible to perform the treatment only with Meso Pen, Meso Roller or TDS individually. For traditional mesotherapy treatments see the applicable law in your country.

### 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:

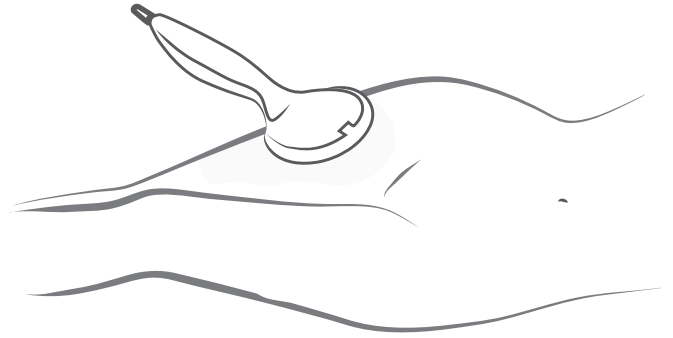
- Stimulates **collagen and elastin** creation.
- Has a **firming and rejuvenating** effect.
- Improves the appearance of **scars and stretch marks**.
- Improves skin **wrinkles** and fine expression lines.
- Reduces **pore** size.
- Stimulates **hair** growth and prevents hair loss.
- In addition, favours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

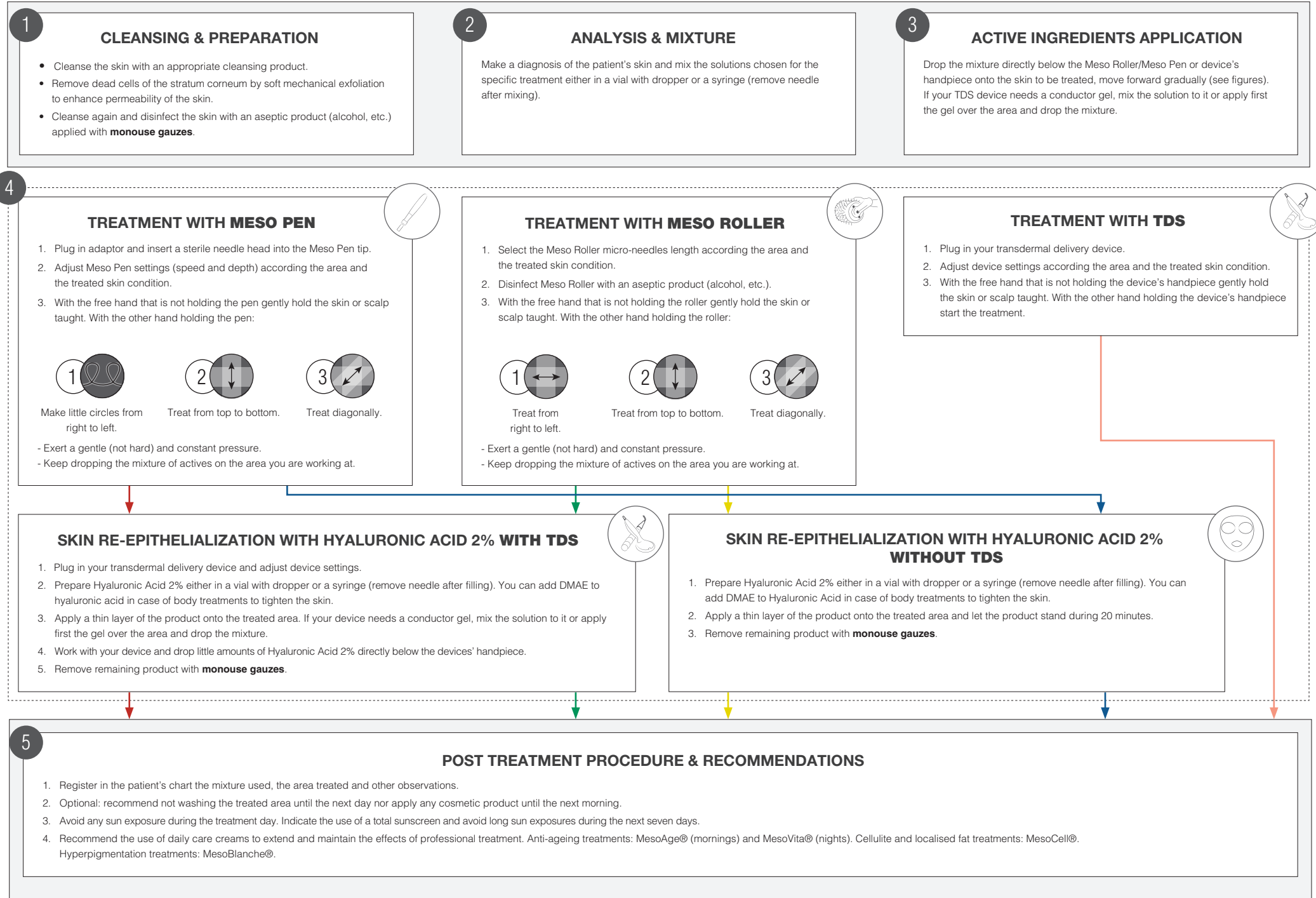
<b>Sessions</b>	<p>We recommend a <b>14 days</b> interval between sessions with Meso Pen.</p> <p>We recommend a <b>7 days</b> interval between sessions with Meso Roller.</p> <p>We recommend a <b>6 days</b> interval between sessions with TDS.</p>
<b>Quantity / area</b>	Mixtures quantities can be changed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

## TREATMENTS WITH MESOCEUTICALS®



## 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](mailto:customerservice@institutebcn.com).



TDS ↑

Meso Roller ↑

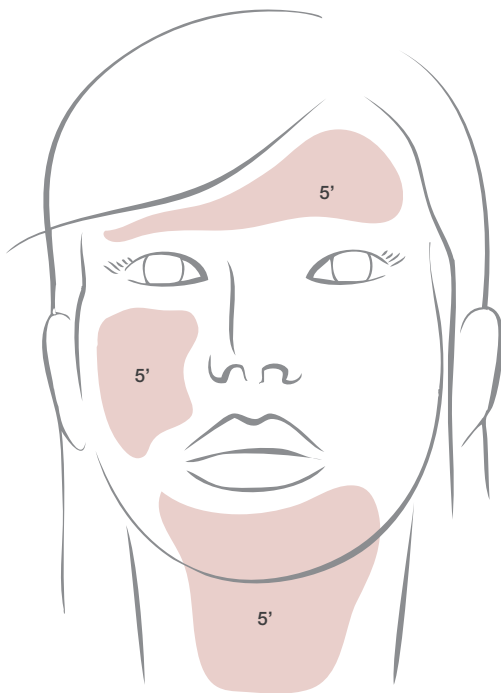
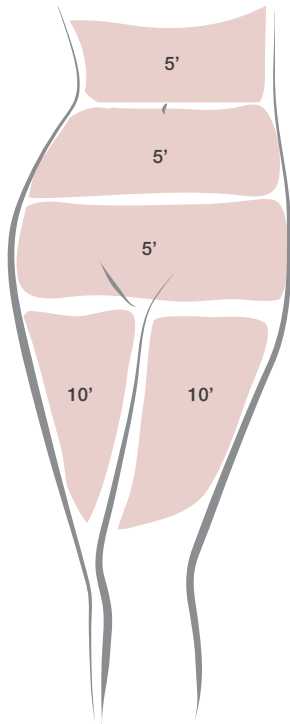
Meso Roller + TDS ↑

Meso Pen ↑

Meso Pen + TDS ↑

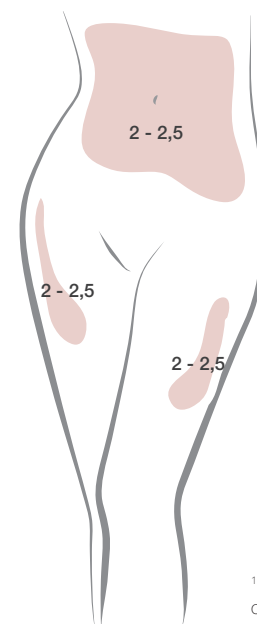
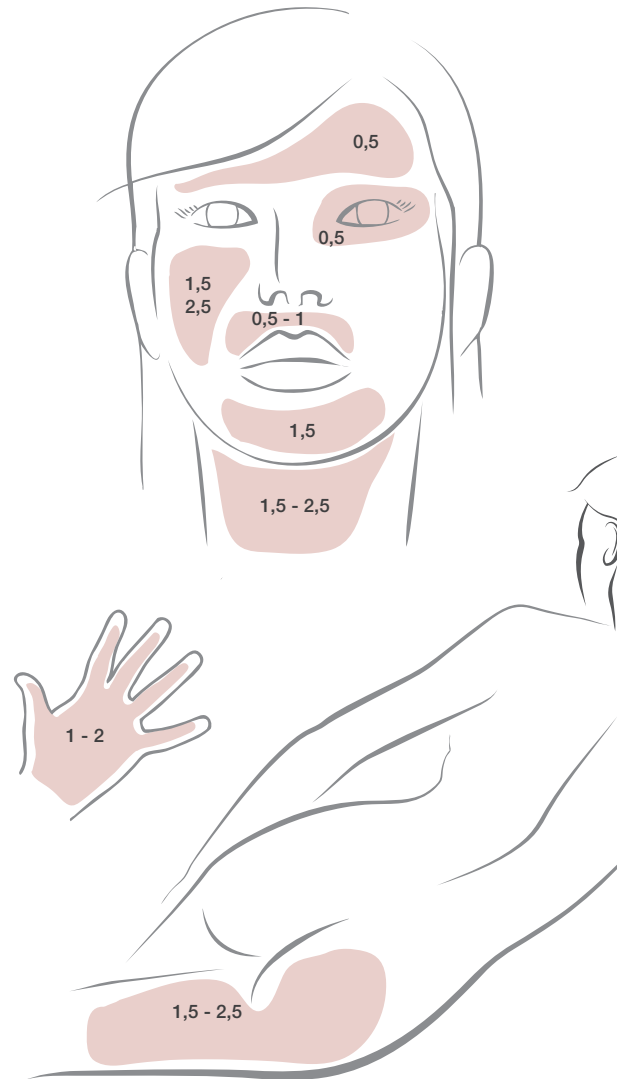
## TDS

RECOMMENDED TREATMENT TIME PER AREA



## MESO PEN

RECOMMENDED DEPTH PER AREA<sup>1</sup>



<sup>1</sup> Depths over 2mm can only be applied by qualified medical professionals.