



HYALURONIC ACID SERUM

Application Guidance for Microneedling Procedures

Why moisture is important with CLC Dual-Molecular-Weight Hyaluronic Acid

CLC Hyaluronic Acid Serum contains both **Low Molecular Weight (LMW)** and **High Molecular Weight (HMW)** hyaluronic acid. The different molecular sizes are designed to provide hydration at different levels of the skin's surface and upper layers: HMW HA primarily forms a hydrating film at the surface, while smaller HA fractions can interact more closely with the outer skin layers.

Hyaluronic acid is a **humectant**, meaning it binds water. For the serum to remain comfortable and provide good surface slip, there needs to be adequate moisture available. During microneedling, **keep the working area damp**. If the serum starts becoming sticky, tight, or dry, do not continue needling over it. This can indicate that the working area needs more moisture and/or that too much serum has been applied at once.

Key technique: Apply a thin layer to a small, damp section and work while the serum remains moist. Re-moisten with sterile saline as needed rather than adding increasingly heavy layers of serum.

STEP-BY-STEP APPLICATION

1. Cleanse and prepare the skin

Begin with freshly cleansed skin. Follow the skin-preparation, hygiene and disinfection instructions supplied by the microneedling-device manufacturer or your qualified professional.

2. Lightly dampen the working area

Immediately before applying the HA serum, lightly moisten the section being treated with **sterile saline**. The skin should be damp, not dripping wet.

3. Work in small sections

Treat one small area at a time - for example, forehead, right cheek, left cheek, then chin/jaw. Avoid applying serum over the entire face and allowing it to dry before reaching each area.

4. Apply a THIN layer of CLC HA Serum

Apply only enough serum to create a light, even layer with comfortable slip. A thick layer is unnecessary and may contribute to product collecting around some device cartridges.

5. Microneedle while the skin remains damp

Follow the device manufacturer's directions. The cartridge should move smoothly over the treatment area. **Do not continue over skin where the serum has become dry, sticky or tacky.**

6. Re-moisten - don't keep piling on serum

If the area begins to dry, stop and lightly re-moisten with sterile saline. Add only a small additional amount of HA serum if needed. Maintaining moisture is preferable to repeatedly adding heavy layers of serum.

7. If the device or cartridge begins clogging

Stop using the device. Check whether excess or partially dried serum has accumulated around the cartridge. Follow the device manufacturer's cleaning/replacement instructions. Never reuse a cartridge intended for single use.

8. Finish and follow appropriate aftercare

After treatment, follow the aftercare instructions supplied by the device manufacturer or qualified skincare professional. Avoid potentially irritating actives immediately after treatment unless specifically recommended.

If the serum feels dry or tight: Do not assume that more serum is required. First make sure the skin has adequate moisture. HA binds available water, so maintaining a lightly damp surface helps the serum remain hydrated and reduces tackiness and drag.

Important: CLC Hyaluronic Acid Serum is a cosmetic skincare product. Microneedling devices should be used only according to the device manufacturer's instructions and applicable professional guidance. Discontinue product use if irritation occurs.