PDRN Microneedling Protocol

NO.	Line	Image	Item	Specification (ml, g)	Depth	Efficacy	Amount	PAO Period After Opening (microneedling use)	Comment
1	Lysonome PDRN & HEXA		Lysonome PDRN **Advance Fluid**	2ml * 10EA	MTS 0.25mm ~ 2.0mm (Micro Needling) & Injection is not possible not Recommended	Anti-Aging_ Regenerating	2ml to face per session	3 mo	Heals skin also
2			Lysonome PDRN **Define Complex**	Freeze-Drying 300mg*2EA, Solution 20ml*2EA	MTS 0.25mm ~ 1.0mm (Micro Needling) & Injection is not possible not Recommended	Anti-Aging_ Regenerating	2ml ~ 3ml to face per session	3 mo	Heals skin also
3			Lysonome Hexa **Infuse Complex**	Freeze-Drying 300mg*1EA, Solution 20ml*1EA	MTS 0.25mm ~ 1.0mm (Micro Needling) & Injection is not possible not Recommended	Brightening_ Reducing Spot / Freckle / Blemish	2ml ~ 3ml to face per session	3 mo	Use at Night or during a Day, Must apply SPF

Advance Fluid and Define Complex can be used with microneedling protocols for skin regeneration, collagen production, and treating fine lines and wrinkles.

The microneedling protocol is a standard procedure that uses micro-needles to create precise holes in the skin to promote collagen production and penetrate active ingredients. The complete step-by-step protocol for a safe and effective procedure is as follows.

1. Pre-Treatment Preparation

Skin Diagnosis: Check the treatment area for conditions such as keloid predisposition, metal allergy, active acne, or warts.

Cleansing: Cleanse the skin surface thoroughly with Peak Bubble Foam to remove makeup, impurities, and sebum.

Anesthesia (Optional): If you are sensitive to pain, apply a local anesthetic cream and wait for 20 to 30 minutes, then wipe off the cream completely immediately before the procedure.

Disinfection: Gently wipe the treatment area with an alcohol swab or disinfectant pad to disinfect.

Toning: Apply Abound Mist to entire skin surface

2. Device Setup and Needle Depth Setting

You must use sterile disposable cartridges, and adjust the needle depth according to skin concerns and treatment areas.

- **0.25mm ~ 0.5mm (Epidermal layer):** Improves fine lines, skin tone, and promotes absorption of skin boosters (ampoules).
- **1.0mm ~ 1.5mm (Upper dermis):** Pore tightening, elasticity improvement, shallow scar care.
- **2.0mm or more (Deep dermis):** Improves deep acne scars (craters) and stretch marks (caution required).

3. Main Treatment Step (Treatment Protocol)

- **Ampoule Application:** First, apply an Advance Fluid ampoule, and then 2-3ml of Define Complex to the treatment area. The ampoule also acts as a lubricant to allow the device to glide smoothly.
- **Rolling/Passing Technique:** Maintain the device at a 90-degree angle to the skin.
- **Directional Grid Guide:** Gently pass over each area in an overlapping pattern, following the sequence of 3-4 horizontal, 3-4 vertical, and 3-4 diagonal passes. Be careful not to press excessively or scratch the skin.

4. Post-Treatment Soothing and Aftercare

Soothing Step: Immediately after the procedure, apply a sterile soothing mask such as Retain Bio-Cellulose Mask to lower the skin temperature of the reddened skin and calm the treatment area.

Moisturizing and Protection:

- Do not wash your face, apply skincare products, or use sunscreen for at least 6 hours after the procedure (allowing time for ingredients to fully penetrate through the micro-pores).
- Apply a sufficient amount of regenerating cream such as Cura Cream starting 6 hours later.
- Washing your face and applying makeup are permitted starting the next day; sunscreen is essential when going outdoors.

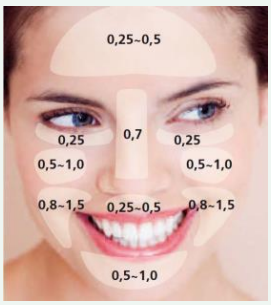
5. Home Care Routine

- Continue use at home: after washing the face, apply Define Complex to face and then apply Cura Cream

6. Treatment Frequency

Considering the skin regeneration cycle, we recommend one treatment at intervals of 3 to 4 weeks (one month).

Depending on your skin condition, noticeable results can usually be expected after 3 to 5 or more repeated treatments.



FACE DEPTH REFERENCE

Mesopharm reference image (mm). Confirm depth for the selected product and device.

Note: the products can also be used without microneedling. You can incorporate them into your normal facial treatments. Just skip the microneedling steps.

HEXA Microneedling Protocol

NO.	Line	Image	Item	Specification (ml, g)	Depth	Efficacy	Amount	PAO Period After Opening (microneedling use)	Comment
1	Lysonome PDRN & HEXA		Lysonome PDRN **Advance Fluid**	2ml * 10EA	MTS 0.25mm ~ 2.0mm (Micro Needling) & Injection is not possible not Recommended	Anti-Aging_ Regenerating	2ml to face per session	3 mo	Heals skin also
2			Lysonome PDRN **Define Complex**	Freeze-Drying 300mg*2EA, Solution 20ml*2EA	MTS 0.25mm ~ 1.0mm (Micro Needling) & Injection is not possible not Recommended	Anti-Aging_ Regenerating	2ml ~ 3ml to face per session	3 mo	Heals skin also
3			Lysonome Hexa **Infuse Complex**	Freeze-Drying 300mg*1EA, Solution 20ml*1EA	MTS 0.25mm ~ 1.0mm (Micro Needling) & Injection is not possible not Recommended	Brightening_ Reducing Spot / Freckle / Blemish	2ml ~ 3ml to face per session	3 mo	Use at Night or during a Day, Must apply SPF

Hexa Infuse Complex can be used with microneedling protocols for treating melasma, dark spots, or simply getting a “glow-up” to make the skin bright and even.

The microneedling protocol is a standard procedure that uses micro-needles to create precise holes in the skin to promote collagen production and penetrate active ingredients. The complete step-by-step protocol for a safe and effective procedure is as follows.

1. Pre-Treatment Preparation

Skin Diagnosis: Check the treatment area for conditions such as keloid predisposition, metal allergy, active acne, or warts.

Cleansing: Cleanse the skin surface thoroughly with Peak Bubble Foam to remove makeup, impurities, and sebum.

Anesthesia (Optional): If you are sensitive to pain, apply a local anesthetic cream and wait for 20 to 30 minutes, then wipe off the cream completely immediately before the procedure.

Disinfection: Gently wipe the treatment area with an alcohol swab or disinfectant pad to disinfect.

2. Device Setup and Needle Depth Setting

You must use sterile disposable cartridges, and adjust the needle depth according to skin concerns and treatment areas.

- **0.25mm ~ 1.0mm:** it is not recommended to go deeper than 1.0mm, and when treating melasma and dark spots, it is not recommended to go deeper than 0.25mm

3. Main Treatment Step (Treatment Protocol)

- **Complex Application:** First, apply 2-3ml of Infuse Complex to the treatment area.
- **Rolling/Passing Technique:** Maintain the device at a 90-degree angle to the skin.
- **Directional Grid Guide:** Gently pass over each area in an overlapping pattern, following the sequence of 3-4 horizontal, 3-4 vertical, and 3-4 diagonal passes. Be careful not to press excessively or scratch the skin.

4. Post-Treatment Soothing and Aftercare

Moisturizing and Protection:

- Do not wash your face, apply skincare products, or use sunscreen for at least 6 hours after the procedure (allowing time for ingredients to fully penetrate through the micro-pores).
- Apply Glow Serum and Aster Cream starting 6 hours later. If the skin is oily, use the Sparkling Powder Cream instead.
- Washing your face and applying makeup are permitted starting the next day; sunscreen is essential when going outdoors. If skin is oily, use 30-40spf max

5. Home Care Routine

- Continue use at home: after washing the face, apply Glow Serum and Aster Cream. If applying during the day, sunscreen must be used.

6. Treatment Frequency

Considering the skin regeneration cycle, we recommend one treatment at intervals of 3 to 4 weeks (one month).

Depending on your skin condition, noticeable results can usually be expected after 3 to 5 or more repeated treatments.

Note: the products can also be used without microneedling. You can incorporate them into your normal facial treatments. Just skip the microneedling steps.