



Operator Manual

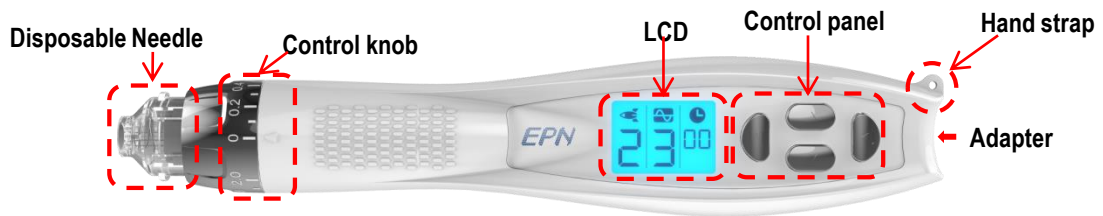
Ver.1.0

1. Device information

1.1. What is EPN?

- EPN (Electroporation Needle system) is the new generation of emerging technology to effectively deliver Ion into skin.

1.2. Device description



1.3. Packaging

Packaging	① Device	② Adapter		
	③ Hand strap	④ Cap	⑤ Manual	

[EP multi needle]



- Disposable sterilized needle
- 33 gauge 9 pin
- Electrode needle
- Adjustable control of multiple needle penetration depths, up to 2.0 mm
- Separately packaging – 24PCS/Box



NOTE

Call your local dealer if you want to purchase additional **equipment** of EPN.

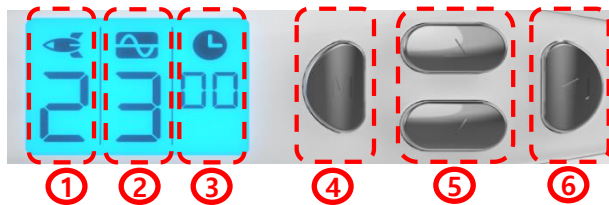
1. Device information

1.4. Specification

Consumption power	50VA		
Voltage	Input – AC110 ~ 240V 50/60Hz & Output – DC12V, 1A		
Needling Depth	0 ~ 2.0 mm	Needle Gauge	33 G
Speed	3 level	Electroporation	5 level
Needle	Disposable multi needle	Weight	95g

2. Operation

2.1. LCD & Control panel



No	Description	No	Description
1	Needling speed display	4	Mode select button
2	Electroporation level display	5	Level decrease/increase button
3	Treatment time display	6	Start/Stop

2.2. Operation

1. remove the protection cap connected the device
2. Connect needle into device
3. Connect adapter into device and turn on the power
4. Set the needling speed, electroporation levels, needle depth
5. Press the Start/Stop button to start the operation
6. Press the Start/Stop button to stop the operation
7. Disconnect adapter into device

※ The LCD is turned off automatically when not operated for 3 minutes at the adapter connection. In this state, LCD is turned on when pressed the button on the control panel.



Needle connection

NOTE



After use, it must connect to the protection cap in order to prevent the entry of foreign substances into the device .

If the Needle does not fully engaged patients can permanently damage during treatment. You must be checked whether the connection of needle before the use.

3. Treatment guide

3.1. Precautions

1. Only qualified health professionals should operate this procedure to the depth over 1.0mm.
2. facial treatment patients apply an anesthetic cream at treatment region before 20 minutes the procedure.
3. The needle depth adjustment according to the patient's skin type.
4. Saunas, swimming, excessive movement is prohibited immediately after the treatment.
5. It is recommended that applying sunscreen on treatment region.
6. Do not forcibly remove the crust of treatment region.

3.2. Order of treatment

1. Cleansing
2. (Option) Anesthesia: Treatment area is anesthetized using anesthetic cream.
3. Active Ingredients application
4. Treatment with EPN
5. Cooling, soothing and moisturizing

3.3. Treatment method

3.3.1. Rolling



- Slowly drawing with circular motion
- Lift up in the direction of skin texture

3.3.2. Stamping



- Lift up in the direction of skin texture
- Treatment in a manner dotting on the skin

3. Treatment guide

3.4. Scalp treatment guide

3.4.1. Treatment guide

	Method	Depth	Pass
Scalp	Needling only	1.0 mm	2~3pass
	Needling + EP	0.5 mm	2~3pass

※ Frontal, temporal, and occipital region is need to lower the needle depth because the pain caused by the needling

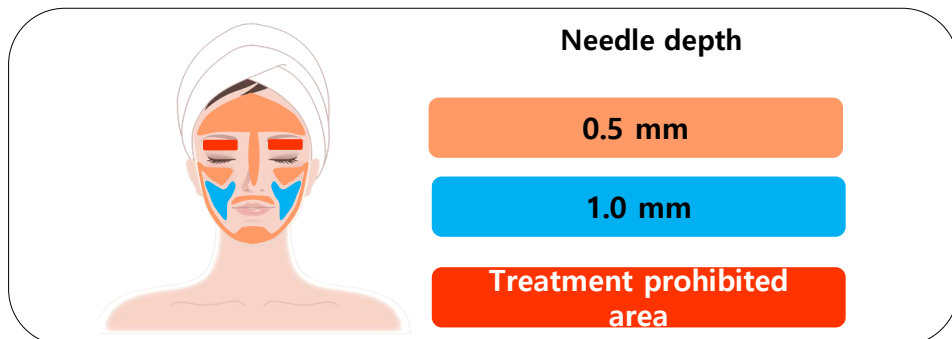
3.4.2. Treatment cycle

- 1 time per 1~2 weeks

3.5. Face treatment guide

3.5.1. Treatment guide

	Region	Depth	Pass
Face	Cheek / Nasolabial line	1.0 mm	2~3pass
	Other region	0.5 mm	2~3pass



※ Skeletal parts is recommended that treatment with a lower depth than the cheek area because can be a pain.

3.5.2. Treatment cycle

- 1 time per 3 weeks

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