

Hydra touch *H₂*





DISCLAIMER

1. You must consult the provided guidelines before performing a treatment with this device. However, the results of the treatment may differ according to the patient's condition and the treatment environment. You must carefully examine the patient's condition when setting the appropriate levels and performing the treatment.
2. Treatments must be performed by a person who has received the appropriate education.
The operator must carefully read this user guide and take note of all hazards, warnings, and cautions.
3. These parameters and procedural technique contained in these guidelines are not absolute. The information provided in these guidelines should not be used as the primary means of making treatment decisions. These guidelines have been created by Eunsung Global Corp. as reference material for performing treatments.
4. Eunsung Global Corp. is not responsible for problems which occur for reasons other than a defect of the device, such as carelessness by the operator during the course of a treatment or an operator's lack of proper qualifications.

Hydra touch H2 Technology

Definition

Simultaneous use of Chemical peel + Mechanical peel

1. Chemical peel : removes sebum and waste from pores using AHA and BHA
2. Mechanical peel : powerful suction from 15kPa ~ 80kPa (spiral type, radial tip)

➤ Aqua solution



Alpha Hydroxyl Acid (water soluble)

- ✓ Removal for keratin dissolution of skin surface
- ✓ Main ingredient : Lactic acid



Beta Hydroxyl Acid (fat soluble)

- ✓ Intensive care of skin oil and black head
- ✓ Main ingredient : Salicylic acid

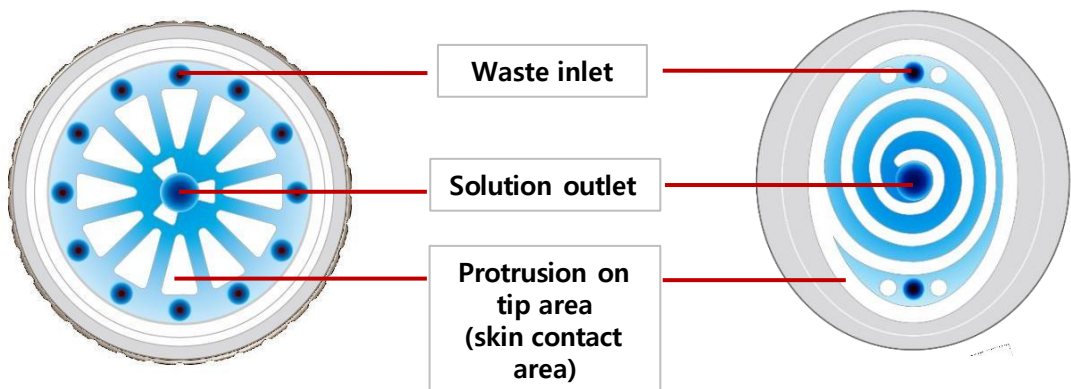


Hyaluronic Acid

- ✓ Skin soothing moisturizing effect
- ✓ Main ingredient : Aloe vera leaf water, hyaluronic acid

➤ Specialized radial and spiral tip

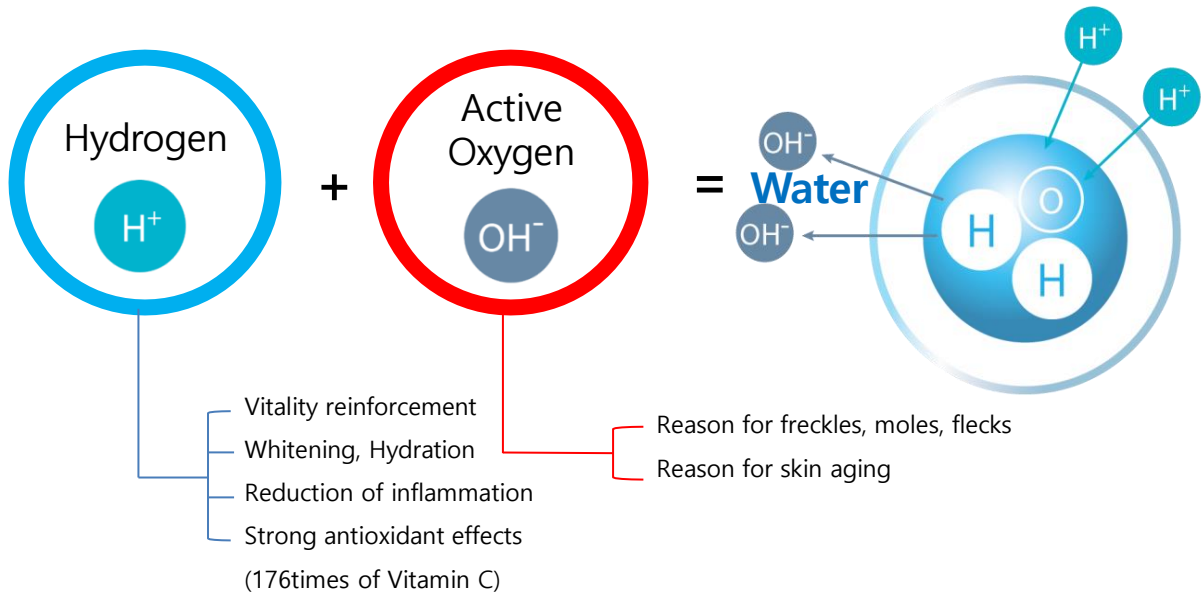
: As the peeling solutions comes out from the center of the tip, it **radiates strongly**, rotates with a **spiral principle**, and **inhales impurities** to remove it from the pores without scratching or hurting the skin



Hydra touch H2 Technology

✓ H2 Therapy

- Hydrogen is combined with active oxygen that are harmful to the human body and excreted from the body in the form of water (sweat).



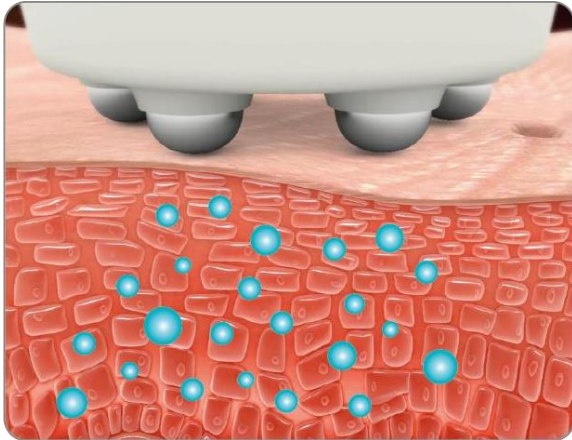
✓ Hydrogen water Hydra Touch H2

- Over 1,500ppb high-concentrated hydrogen water generation
- Penetration of fine hydrogen water particles into the skin
- Removes active oxygen, promotes skin cell metabolism
- Antioxidant, anti-inflammatory and anti-allergic action



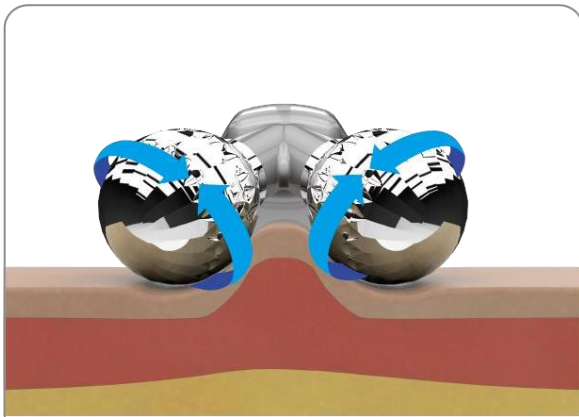
Hydra touch H2 Technology

✓ HydratouchH2's Penetration



- ✓ Electroporation mechanism
- ✓ The delivery of solutions through the holes which are temporary opened on skin cell-membranes and tissues
- ✓ Direct penetration of various solutions without any damages or transformation of biological system and its functions

✓ HydratouchH2's Double Lifting



- ✓ Designed a 360-degree rotating kneading massage ball
- ✓ Muscle massage through deep stimulation
- ✓ Promotes nerve and skin circulation
- ✓ Skin regeneration, muscle relaxation, waste excretion, activating lymph circulation
- ✓ Strengthening skin tightening and lifting effect

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**STEP
1**

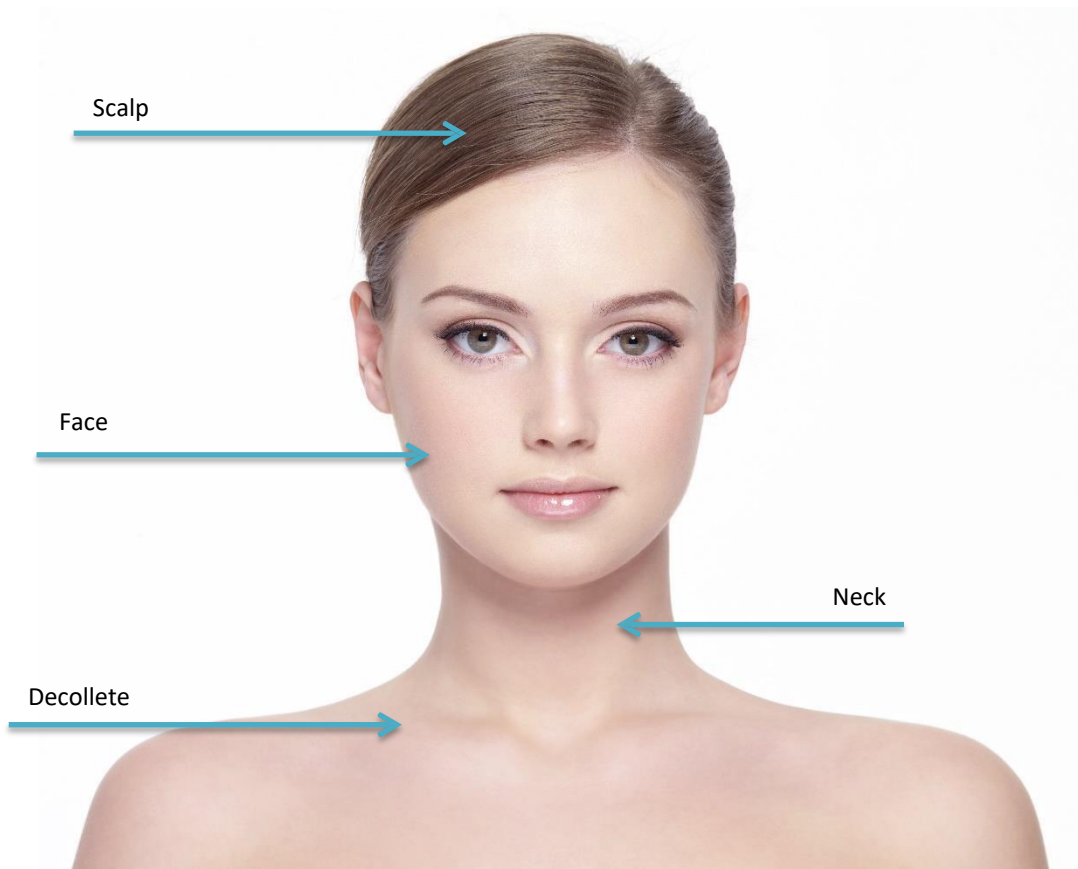
Preparation before treatment

1.1. Patients suitable for Hydra Touch H2 treatment

- Those who want to whiten, moisturize or improve skin texture
- Those who have alopecia or want to prevent hair loss
- Office workers who want a quick return to daily life after the procedure

General treatment areas are below.

Facial



**STEP
1**

Preparation before treatment

1.2. How to consult with patients**1 Check the patient's medical record.**

- Past medical history and treatment received in the past
- Experience of previous surgery and procedures
- Current medical condition and medications you are taking
- Drug allergy
- Whether Isotretinoin product (ex : Accutane) have been used in the last 6 months
- History of chemical dermabrasion and laser treatments including TCA peeling, phenol peeling, etc. for 2 weeks before treatment

2 Determine the treatment area.

- The area that the patient wants to receive treatment
- The correct selection of the treatment area can affect the effectiveness
- Before the treatment, check the evaluation is appropriate
- Explain to the patient about the optional treatment of various handpieces and solutions

3 The handpiece is selected according to the skin type and treatment purpose.

- Electroporation handpieces are applied to solution penetration.
- Y handpiece applied to lifting and lymphatic circulation.
- Aqua handpiece can be used in combination with other handpieces.
- Handpieces can be combined and used according to the treatment purpose.

4 Explain enough to the patient about Hydra touch H2 treatment

- Mechanism and effect
- The discomfort that occurs during the treatment
- Possible side effects
- Other questions the patient has

**STEP
1**

Preparation before treatment

1.3. Contraindications

Please do not operate the device on a patient who has any cases demonstrated below. Even though a patient does not have any cases below, please check repeatedly throughout the sufficient consultation with a patient.

- Malignant tumor
- Children
- Pregnant or nursing women
- Herpes
- Epileptic, Infection and rash
- Inflammatory response
- Hemorrhagic disease (ex. Hemophilia)
- Cardiovascular Disease
- Nephritis
- Pacemaker users
- Insulated Metal Stand
- Dysarteriotomy
- Diabetes
- Dermatopathy
- Taking medicine anticoagulant
- Autoimmune Disease
- Facial Paralysis
- Lupus, vitiligo, leukoplakia
- High Fever
- Menstruation Period
- Filler
- Implant (Dentistry, Plastic Surgery, orthopedics)
- Bleeding cuts, eyes or near eyes, ears or near ears
- Chronic dermatopathy impacting topical or whole body.
- Keloid Skin
- Weak to electric shock therapy
- Febrile patient (over 38°C)
- Other Extraordinary disease

Please do not use the other medical instruments listed below with the device.

- Implantable electronic medical instruments (pacemakers)
- Life support system (artificial heart or lung)
- Portable electronic medical instruments (electrocardiograph)
- Do not connect the device to the electro stimulators.



It is able to adjust the level of treatment or power according to the patient's condition

The device shall be adjusted the level of operation according to the patient's condition. The result of operation can be different based on the patient's condition.

**STEP
1**

Preparation before treatment

1.4. Recommendations before treatment

48 hours ago

- Avoid excessive sun exposure and use of artificial tanning beds for 72 hours before treatment.
- Stop using topical Retin-A or generic tretinoin for at least 48 hours prior to Hydra Touch H2 treatment.
- Before Hydra Touch H2 treatment, avoid any kind of exfoliation treatment, such as glycolic acid or enzymes for 48 hours.
- Avoid waxing and depilatory use for 48 hours before treatment

On the day of the treatment

- For men, shaving on the day of the treatment is not recommended. If you need to shave, finish shaving at least 3 to 4 hours before treatment.

STEP
1

Preparation before treatment

1.5. Q&A

Q. Are there any pains during Hydra Touch H2 treatment?

A. It may be depending on the strength of the vacuum used and the level of the handpiece.
The pain degree varies from person to person, so it is fully explained to the patient during consultation.

Q. How long is going to take the time for Hydra Touch H2 treatment generally?

A. Based on the entire facial treatment, it takes about 15-20 minutes for exfoliation, 20 minutes including penetration treatment, and about 40 minutes when using all configured handpieces.

A. Scalp treatment takes about 10-15 minutes depending on the treatment area.

Q. Is Hydra touch H2 treatment effective at once?

A. There are some differences after the treatment, but you can feel the effect even with one treatment. There are individual differences in duration of the effect experienced, usually it is recommended to repeat the treatment every 1-2 weeks depending on the skin condition.

A. In the case of scalp treatment, it is difficult to feel the effect with one treatment.
Usually, scalp treatment is recommended for at least 3 months at 1-2 weeks intervals.

**STEP
1**

Preparation before treatment

1.5. Q&A**Q. Is there any downtime for Hydra Touch H2 treatment?**

- A. After the treatment, there may be some redness due to irritation, most of which disappear within a few hours.
- A. Hair cleaning is prohibited on the day after scalp treatment.

Q. Is it possible to do makeup immediately after Hydra Touch H2 treatment?

- A. Makeup is possible as usual after the treatment.

Q. What are the risks and side effects of Hydra Touch H2 treatment?

- A. Hydra Touch H2 is a treatment with very little damage to the skin. But, depending on the skin condition, there may be some redness.

Q. Where can Hydra Touch H2 be treated?

- A. It can be applied to the entire face, scalp, neck, and decollete area.

Q. How many persons can get treated by one diluted bottle of solution?

- A. All solutions can make 8-12 treatments for full face. But, the usage rate can be different by operator workmanship.

**STEP
2**

Treatment guide

2.1. Component checklist

Main body
(Cylinder, H₂ module installed)



Y Handpiece



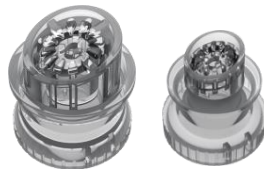
Electroporation Handpiece



Aqua handpiece + cap



Aqua scaling tip Large, small



Magnetic cable for mask



Calming mask 2ea



Cooling mask 2ea



✂ separate



Ultrasound gel
& glove

Optional (optional component)

Aqua Diamond Tip



Silicon tip for scalp



E.P Solution



Aqua solution



STEP
2

Treatment guide

2.2. System

No	Description
①	S1 solution selection
②	S2 solution selection
③	S3 solution selection
④	Hydrogen water selection
⑤	Cleansing mode selection
⑥	Large waste container level warning indication
⑦	Aqua handpiece selection
⑧	Electroporation handpiece selection
⑨	Y handpiece selection
⑩	Setting (Sound ON/OFF, display adjustment, software version)
⑪	Procedure time display
⑫	Electroporation, Y handpiece level adjustment
⑬	START / STOP

**STEP
2**

Treatment guide

2.3. Precautions

✓ Check the following before using this device.

1. Be sure to check the preparations before starting the treatment.
2. The aqua handpiece must be safely operated after confirming the proper pressure and flow rate through pre-treatment testing.
3. When using the aqua handpiece, if there is any foreign matter in the solution, the solution must be replaced before use.
4. The EP handpiece and Y handpiece must be safely operated after confirming the appropriate level through pre-treatment testing.
5. When performing the EP handpiece and Y handpiece, apply sufficient solution to prevent dry skin.
6. The information provided in this guide should not be used as a primary source for making a treatment decision.
The intensity of the treatment may vary depending on the patient's condition.
The result of the treatment may vary depending of each patient.

**STEP
3**

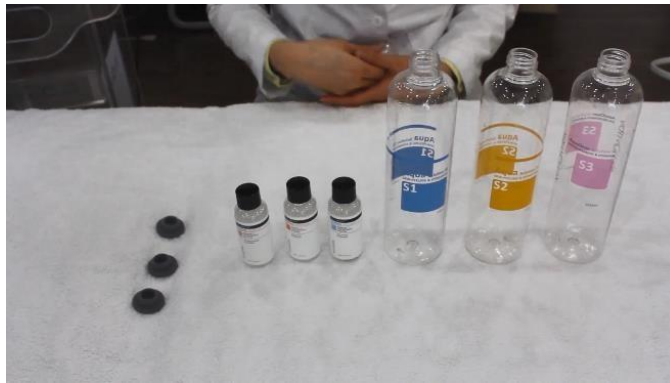
How to treat

3.1. Treatment sequence

➤ How to dilute solution

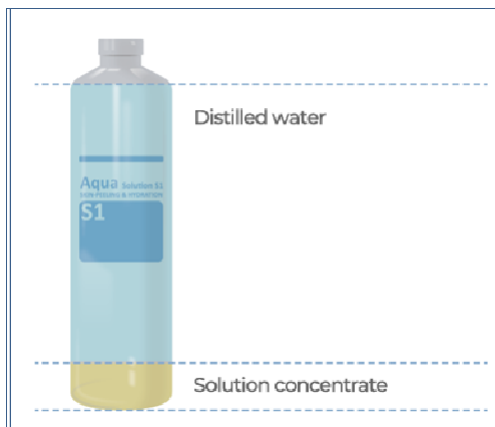
01

- Prepare the solution, distilled water and empty bottles



02

- Put the solution in an empty bottle with the same label as the solution label.
- Put distilled water to the shoulder line of the solution bottle, close the cap, and shake to dilute.



※ It is recommended to use the diluted solution within 1~2 weeks.
(The maintenance period depends on the environment of use)

STEP
3

How to treat

3.1. Treatment sequence

➤ Solution bottle installation

03

- Remove the cap from the solution bottle and stall it in order.



S1 S2 S3

04

- Fill the hydrogen water bottle with drinking water.
- Install the hydrogen water module on the far right.
- Connect the hydrogen water module connector to the device



※ **Drinking water must be used for smooth current flow inside the hydrogen water generator.**

STEP
3

How to treat

3.1. Treatment sequence

➤ Installation of waste bottle

05

- Install the waste bottle to the back of the device.
- Install the waste bottle to the connector of the device at the back.



-Waste bottle connector-



-Waste bottle connection
area-



-Installation of waste
bottle-

※ If the waste bottle is not correctly connected, vacuum can be weakened and can cause malfunction of device.

Aqua Handpiece



STEP
3

How to treat

3.1. Treatment sequence

➤ How to use aqua handpiece

01

- Press the start button to operate after adjusting the vacuum and solution controller to the maximum.



02

- Be close the aqua handpiece on the back of your hand and wait for the solution to come out. (It takes about 15 seconds)



**STEP
3**

How to treat

3.1. Treatment sequence

➤ How to use aqua handpiece

03

- When the solution comes out, use it by adjusting the vacuum pressure and the amount of solution.



04

- Before the treatment, perform patch test on the neck using solution 1.



STEP
3

How to treat

3.1. Treatment sequence

- How to use solution 1(AHA)

05

- Divide the face in half and start the treatment from on side.
- The treatment is performed in the order of chin, cheek, and forehead.



Flow	Vac	Pass
1-2	2-3	2

06

- Apply evenly by hand so that the solution does not flow during the treatment.

STEP
3

How to treat

3.1. Treatment sequence

➤ How to use solution 2(BHA)

07

- Divide the face in half and start the treatment from on side.
- The treatment is performed in the order of chin, cheek, and forehead.

Hydra_S2



Flow	Vac	Pass
1-2	2-3	2

08

- Apply evenly by hand so that the solution does not flow during the treatment.

**STEP
3**

How to treat

3.1. Treatment sequence

➤ How to use C mode (Handpiece cable cleaning)

09

- When the treatment of solution 2 is completed, attach the protective cap to the handpiece.
- When you select the C button on the screen and operate the device, the handpiece cable is automatically cleaned for 1 minute and 30 seconds.
- While the device is being cleaned, neutralize the patient's face with water and wipe gently.



Installation of Handpiece protection cap



- Select C (Cleaning) select
- Vacuum, flow controller max setting
- Press the start button to start
- Automatically stop after 1min 30sec

※ When C Mode is activated, automatically stop after 1min 30sec

STEP
3

How to treat

3.1. Treatment sequence➤ How to use hydrogen water (H₂)**10**

- Divide the face in half and start the treatment from one side.
- Apply evenly over the face any stamping. (chin-> cheek-> forehead in order)



Flow	Vac	Pass
1-2	2-3	2

11

- Apply evenly by hand so that the solution does not flow during the treatment.

**STEP
3**

How to treat

3.1. Treatment sequence

➤ How to use solution 3 (Hyaluronic acid)

12

- Divide the face in half and start the treatment from one side.
- Apply evenly over the face any stamping. (chin-> cheek-> forehead in order)



Flow	Vac	Pass
1-2	2-3	2

13

- Apply evenly by hand so that the solution does not flow during the treatment

14

- When the treatment of solution 3 is completed, attach the protective cap to the handpiece.
- When you select the C button on the screen and operate the device, the handpiece cable is automatically cleaned for 1 minute and 30 seconds.

Electroporation Handpiece



**STEP
3**

How to treat

1. Treatment sequence

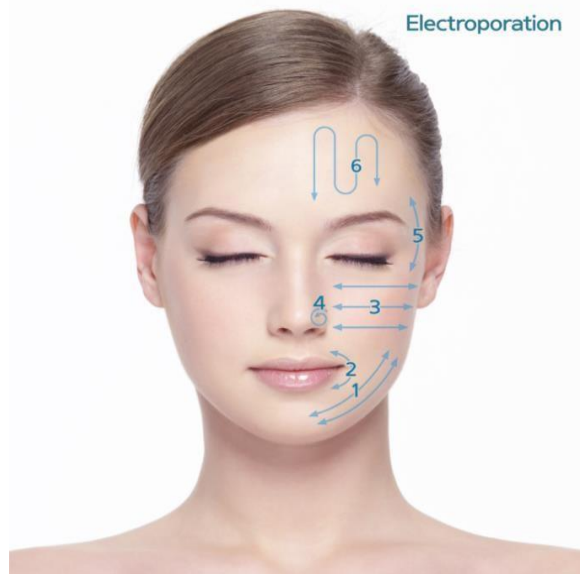
➤ How to use electroporation

01

- Select the electroporation mode on the screen.
- Apply solution on the skin sufficiently before the treatment

**02**

- During the electroporation treatment, set to level 1, check the suitable level and proceed treatment safely

**Level****2-4****Time****7-10 mins****03**

- Clean the face and handpiece after the treatment.

Y Handpiece



**STEP
3**

How to treat

3.1. Treatment sequence**➤ How to use Y handpiece****01**

- Select the Y handpiece mode on the screen.
- Apply ultrasound gel on the skin sufficiently before the treatment.

**02**

- For Y handpiece treatment set to level 1, check the suitable level and proceed treatment safely.



Level	2-5
Time	7-10 mins

03

- Clean the face and handpiece after the treatment.



Optional
Treatment

**STEP
3**

How to treat

3.1. Treatment sequence

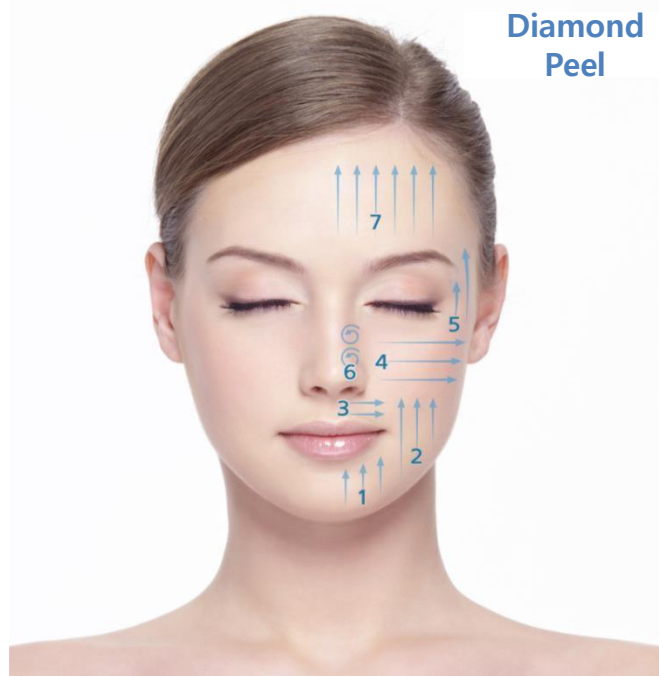
➤ How to use aqua diamond peeling (optional)

Option

- Diamond peeling is optional and proceed the treatment selectively. (omission is possible)
- When combined with aqua peeling, it is recommended to use diamond peeling first in a dry condition.
- Attach the diamond tip and filter to the aqua handpiece.
- Close solution 1-3's knobs, set off for solution level, set to vacuum level 1 and proceed the treatment.
- After the treatment, install the aqua handpiece to the protection cap for maintenance. Wash the diamond tip to the clean water and sterilize it and store.



▲ Install the diamond tip to aqua handpiece


**Diamond
Peel**

Flow	Vac	Pass
0	1	1

※ Diamond tip is divided to 10/20/30 depending on roughness of the surface.

Use tip 30 for facial treatment and set vacuum no more than level 1.

STEP
3

How to treat

3.1. Treatment sequence

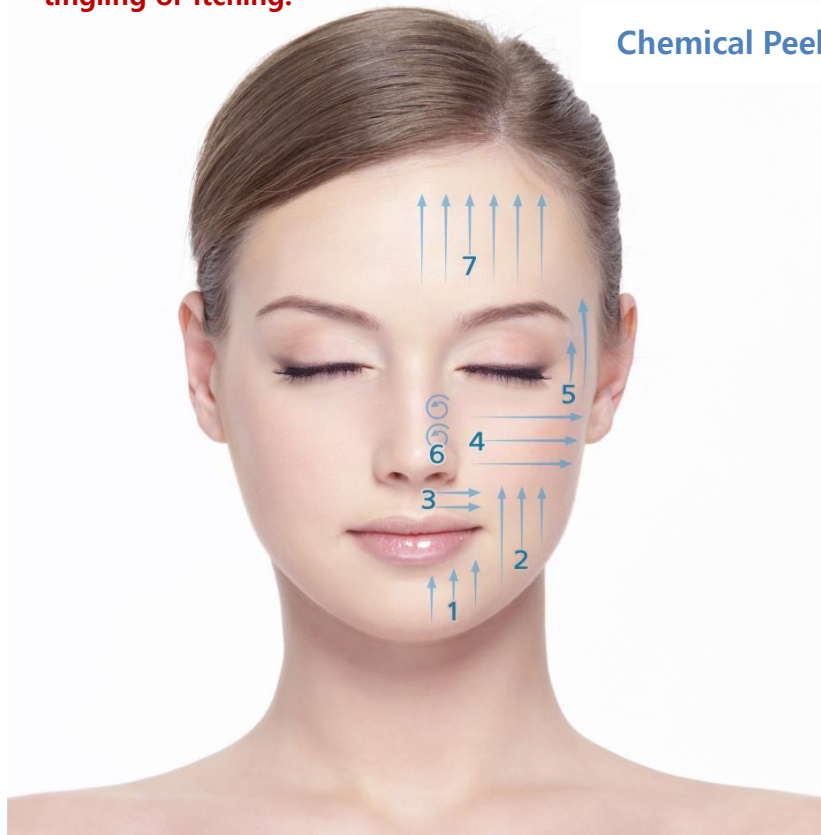
➤ Chemical peeling treatment method

Option

- Chemical peeling is optional and proceed the treatment selectively. (omission is possible)
- Do not proceed chemical peeling to patient who received the diamond peeling.
- Start from T zone and U zone, apply the peeling solution on the whole face and use aqua handpiece to start the treatment.
- Set flow level to off, set vacuum level to 1 and proceed the treatment

※ When applying the chemical peeling solution, it might be occurred tingling or itching.

Chemical Peel



Flow	Vac	Pass
0	1	1

**STEP
3**

How to treat

3.1. Treatment sequence

➤ How to use a silicone tip for scalp treatment (optional)

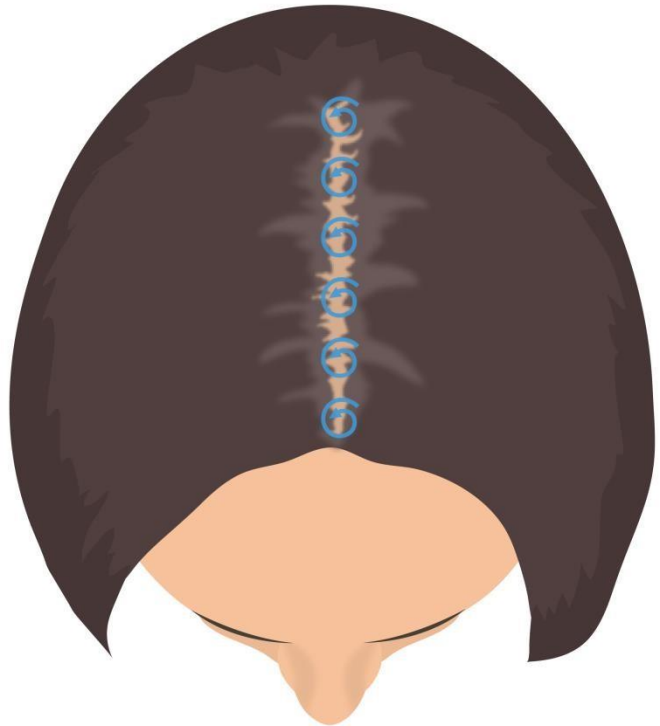
Option

- Attach the silicone tip to the Aqua handpiece.
- Turn the vacuum and solution controller to the right (Max) to check that the solution comes out, and then adjust the vacuum pressure and flow rate according to the scalp condition.
- Apply the silicone tip of the Aqua handpiece to the scalp and divide the sections at 1cm intervals.
- After the treatment, detach the tip from the handpiece and install the protection cap to store it.

※ **Silicon tip is recommended to use 1 time.**



▲ Install the silicon tip to aqua handpiece



Flow	Vac	Pass
2-3	2-3	1-2

STEP
3

How to treat

3.1. Treatment sequence

➤ How to use the electroporation mask cable (optional)

Option

- Connect the Hydra touch H2 dedicated gender to the electro mask cable connector.
- Detach the electroporation handpiece from the main body and connect the mask cable connector in its place
- Choose the electroporation mode.
- After attaching the ion electro mask on the face, fix the cable clamps on the four sides of the mask.
- Proceed the treatment to start from low level and find the suitable level for treatment. (It recommends to level 2-4)



**STEP
3**

How to treat

3.2. Recommendations for treatment
Recommendations when using diamond peeling (option)

- Diamond tips are divided into 10/20/30 according to the surface roughness
- Use 30 tip on the face, vacuum must be used only at Level 1 recommended
- During the diamond peeling treatment, must install the filter to handpiece

Recommendations for Chemical peeling treatment (option)

- Do not treat the patient who received diamond peeling.
- Start from T zone and U zone, apply the peeling solution on the whole face and recommended to use vacuum level to 1.

Recommendations for each aqua peeling solution (aqua feel tip/silicon tip)

- Aqua handpiece is performed after confirming the proper pressure and flow rate through pre-treatment testing
- Aqua tip is recommended to use 1 time.
- Refer to the below picture for Treatment direction


Recommendations for using electroporation handpiece, Y handpiece, and electroporation mask

- Since there are individual differences in the level that is suitable for the recipient, thus be sure to start with a lower level and find the appropriate level
- Contact the handpiece to the skin where solution is applied and proceed the treatment slowly.

Recommendations

**STEP
4**

Post-treatment care

4.1. Recommendations for post-treatment care

Right after the treatment

- Avoid the spa for 24 hours after the treatment.
- Be sure to use sunscreen.

Within 48 hours

- Stop using topical Retain-A or regular tretinoin for at least 48 hours.
- Avoid waxing and depilatory use for at least 49 hours.
- For 48 hours after Hydra Touch H2 procedure, avoid exfoliating treatment including any kind of glycolic acid or enzyme on the treatment area.

Method for maximizing treatment

- Hydra Touch H2 treatment should be performed periodically rather than one-time to achieve higher satisfaction.
- You may feel dry after the procedure.
This is a normal reaction and it is recommended to use sufficient moisturizing product.

STEP 4

Post-treatment care

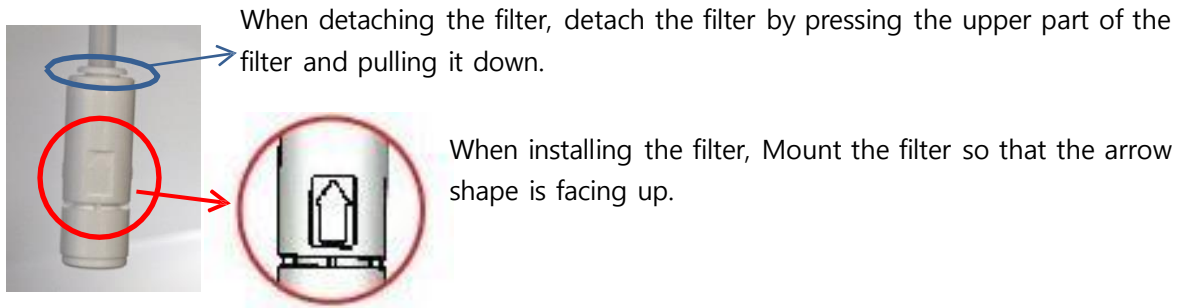
4.2. Cleaning method after treatment

Handpiece cleaning method

- Aqua peeling handpiece
: Detach the tip on the handpiece and discard the tip. Install the protection cap to store the handpiece.
- Electroporation handpiece, Y handpiece
: Wipe the handpiece with wet tissue, wipe once more with dry tissue and store it.

Cleaning method of solution bottle and filter

- When replacing aqua solution, detach the filter on solution bottle, clean the bottle and filter with neutral detergent and running water, fully dried and use again.
- Solution filter is recommended to be replaced every 6 months, but replacement can be done depending on the water quality.



Hydrogen water module cleaning method

- The electrode of the hydrogen water module is cleaned once a month.
- When cleaning the electrode, fill the container with 50 ml of vinegar or citric acid diluent and 100 ml of water, and activate the cleaning mode.
- After 1 minute and 30 seconds of cleaning mode operation, empty the hydrogen water bottle, rinse with running water, fill with drinking water and activate the cleaning mode once again to finish cleaning the electrode.

※ When detaching the hydrogen water container, grasp the water container and detach it, and be sure to clean it using our recommended method.

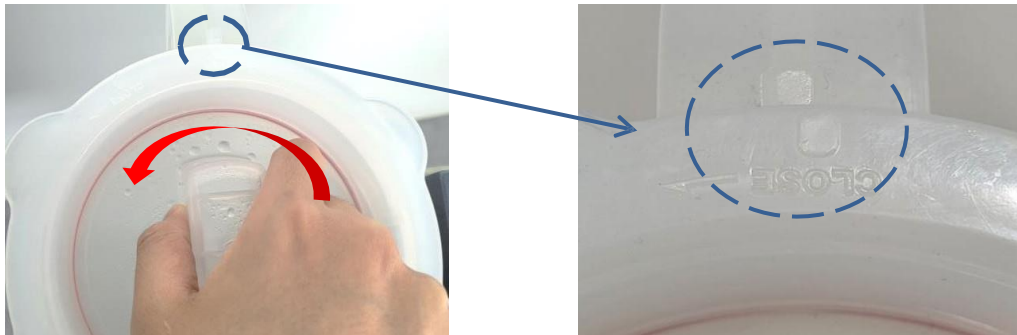
STEP 4

Post-treatment care

4.2. Cleaning method after treatment

Waste bottle cleaning method

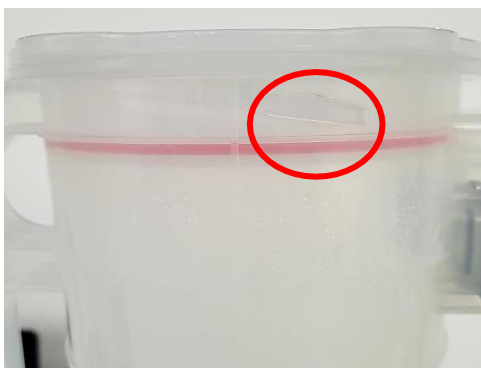
- Check and empty the waste solution bottle from time to time before it is full.
- Turn the cap of the waste solution bottle to the open direction to separate the bottle and the cap.
- Empty the waste solution inside the bottle, wash it with neutral detergent and running water, dry it completely, and install it again for use.
- When connecting the waste solution bottle and the cap, align the handle with the close mark and close it by turning it to the left. At this time, be careful not to come off the rubber ring of the cap.



[Close direction]

※ Precautions when recombining the waste solution bottle ※

If the cap and bottle are not properly joined, the vacuum may weaken and the rubber ring may be damaged.



(Normal fusion)



(Poor fusion)

Hydra touch *H₂*

 TREATMENT GUIDELINE

User Interface











LDC / Controller

①	S1 solution selection	⑧	Electroporation handpiece selection
②	S2 solution selection	⑨	Y handpiece selection
③	S3 solution selection	⑩	Procedure time display
④	Hydrogen water selection	⑪	Electroporation, Y handpiece level adjustment
⑤	Cleaning mode selection	⑫	Strat / Stop
⑥	Large waste container level warning indication	⑬	Vacuum level adjustment
⑦	Aqua handpiece selection	⑭	Solution dispensing adjustment

Precautions

- All treatments are performed on a cleansed face.
- **Aqua peeling:** Before the treatment, check the appropriate pressure and flow through the test. Aqua tip is recommended for single use and dilute each solution in 1:9 (distilled water) ratio. Diluted solution is recommended to use within 2 weeks. (Maintained period is different depending on the user circumstances)
- **Electroporation :** Start the treatment with level 1 and find appropriate level to use. The handpiece is applied slowly by adhering to the skin where the solution has been applied.
- **Y Lifting :** Start the treatment with level 1 and find appropriate level to use. Apply the gel type product on the skin which send electric current smoothly. And attach the handpiece closely and proceed slowly.

Treatment Process (standard)

	Step	Tip	Flow	Vac	Pass	Content
1	S1 solution	 Large	1-2	2-3	2	Whole face treatment (in the order of jaw-cheeks-forehead) / use rubbing technique
2	S2 solution	 Small	1-2	2-3	2	T-zone, U-zone, local area treatment / use rubbing technique
3	Device cleaning (C)	 Cap	Max	Max		Clean the Nozzle using Cleaning Mode (C) (Remove the remaining solution and residue inside of the nozzle)
4	Neutralization (water rubbing)	 Large				Remove the remaining solution on the tip and face using water while cleaning time
5	H2		1-2	2-3	2	After peeling, use hydrogen water to purify the skin / apply the stamping method to the entire face
6	Electroporation					Provide nutrition to the skin after peeling / Appropriate level is individually different, proceed the treatment by starting from level 1 and find the appropriate level.
7	Y lifting					Lifting effect by stimulating muscles and fascia with low frequency. / Appropriate level is individually different, proceed the treatment by starting from level 1 and find the appropriate level.
8	S3 solution	 Large	1-2	2-3	2	Apply the solution to whole face with stamping method / it would be burden to the skin due to former steps, do not use rubbing technic.
9	Finishing					End up by applying the lotion and sunscreen
10	Device cleaning (C)	 Cap	Max	Max		Clean the Nozzle using Cleaning Mode (C) and store it

Be sure to test the solution before the procedure, and it is recommended to wear gloves for treatments 1-4

※ Diamond peeling and chemical peeling are optional and can be performed selectively according to the skin condition of the customer. Diamond peeling is performed when the skin is dry, and chemical peeling is not performed on customers who have received diamond peeling treatment.