Ultraformer Ⅲ 7D Hifu User Manual



Advantages

1. Non surgical treatment of facial lifting, tightening and body contour shaping system;
2. The world's latest high energy focused ultrasound technology;
3. Non invasive, safe, fast, comfortable and effective;
4. 7 facial cartridge 1.5mm, 2.0mm, 3.0mm and 4.5mm ;
5. The probe depth of 6 mm, 9 mm and 13 mm can comprehensively deal with skin aging;

6. The 2.0 mm probe is unique in the world and can be operated in all aspects without forbidden zone;

7. Face lifting, skin tightening, and fat dissolving, can do in one machine.

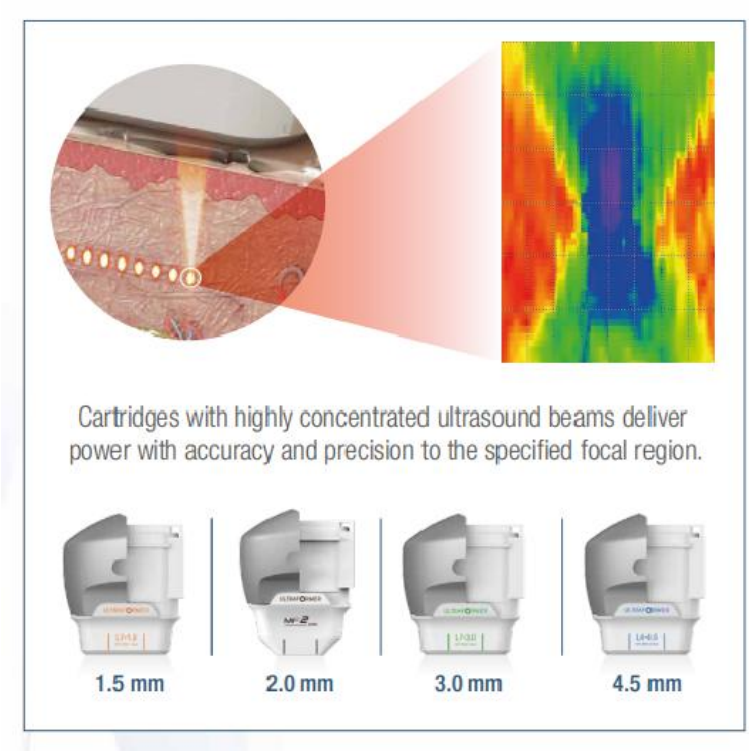
Technology

The latest MMFU high energy focused ultrasound technology is a non-invading equipment for skin tightening. It can improve the face lifting, skin tightening, contouring with maximum efficiency through non-surgical treatment, with extraordinary clinical effect.

Using the latest patented technology of HFI and mmfu, it can produce high-energy focused ultrasound, quickly penetrate the epidermis, fat layer, stimulate the membrane contraction of SMAS layer, instantly make skin tissue reach high temperature 65 ℃ , so as to produce thermal coagulation effect, form reticular condensation points in dermis and fascia layer, stimulate fiber and collagen tissue to contract and tighten, regenerate and repair, and achieve layer by layer lifting and layer tightening

47mhz transducer produces energy which forms micro coagulation in the dermis and fascia layer, while the 2MHz transducer transmits the macro energy to the subcutaneous fat layer, selectively reduces the fat cells.

The innovative technology transducer can not only maximize customer satisfaction, but also greatly shorten the treatment time.



Facial Cartridge

Micro focused ultrasound. It can effectively achieve facial suspension lifting, skin tightening, improvement of wrinkles and pores, v-face shaping, distinct and firm jaw contour, improvement of skin color, improvement of double chin and skin relaxation. Make skin age, skin quality and skin color three-dimensional promotion.

L7-1.5mm(7MHz 1.5mm):

Aim at the superficial dermis, stimulate and recombine collagen, eliminate wrinkles; the superficial dermis can regenerate, extremely smooth pores and whiten skin.

L7-2.0mm(7MHz 2.0mm):

Aiming at the wrinkles such as pregnancy wrinkles, eye bags, head lifting wrinkles, and around the eyes, the effect is immediate, slowing down skin aging and smoothing the traces of years.

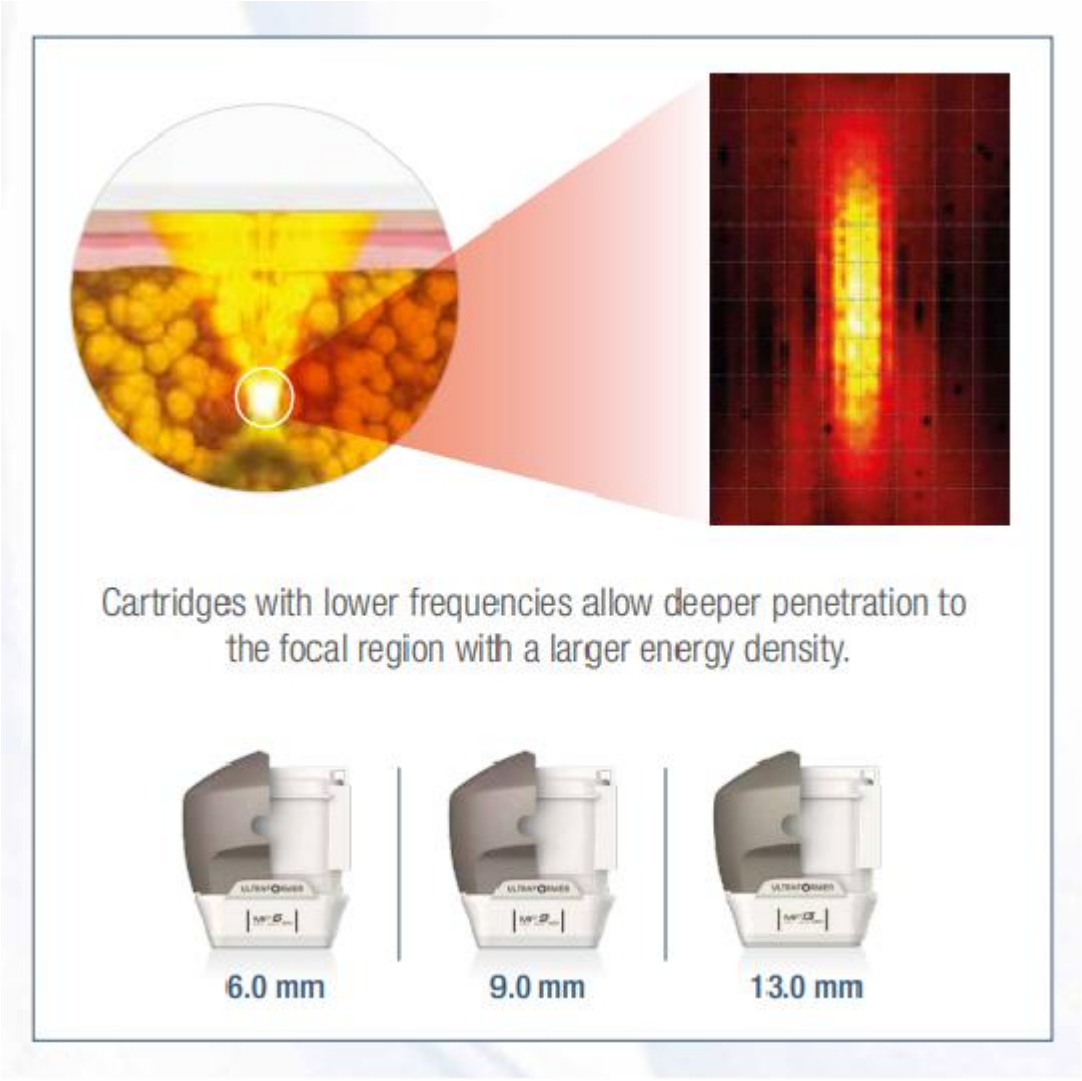
The 2.0mm cartridge uses 5.5mhz patented technology to treat eye and deep wrinkles, such as tigerlines/forehead lines /neck wrinkles/crow's feet. It can improve the water storage capacity of the skin, make the skin plump and firm, and delay aging.

L7-3.0mm(7MHz 3.0mm):

For the deep dermis, it can induce and stimulate the collagen proliferation in the deep layer, which starts to become elastic and smooth from the muscle base.

L4-4.5mm(4MHz 4.5mm):

With dot matrix technology, 1.5 Joule energy is precisely focused on the SMAS layer, giving full play to the ultimate suspension strength; effectively stimulating collagen proliferation, rejuvenating skin from the inside.



Body Cartridge

Macro focused ultrasound. The treatment can effectively shape the whole body, such as abdomen, lower leg, armpit, lower leg, back, and so on.

Cartridge Installation



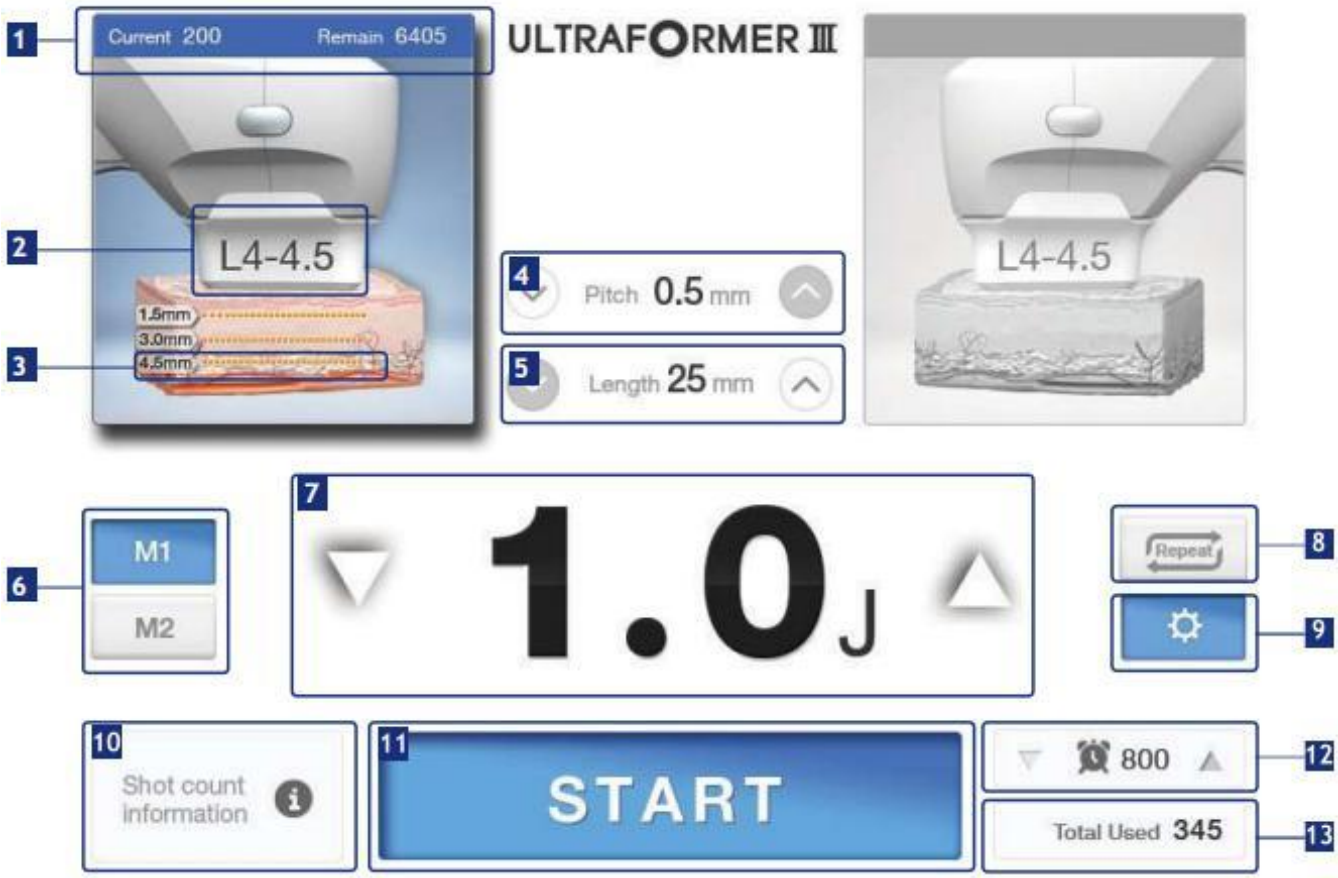
1. Take out the cartridge and lift the protective film to ensure that the probe interface is dry and free of foreign matters;

2. The interface part of the probe is aligned with the handle, and the convex part of the probe corresponds to the groove of the handle;

3. Gently insert the probe into the handle horizontally, and the installation is completed when you hear a "click";

4. When replacing or taking out the probe, press the safety lock on the side of the handle and gently pull out the probe horizontally;

Main Interface



1. Current: shots have been used; Remain: remaining shots
2. Cartridge has install
3. Cartridge depth, length, distance showing
4. Distance adjust
5. Length adjust (5mm-25mm, minimum 5mm)
6. M1, M2 saved parameters (long touch 3 second to save)
7. Energy adjust
8. Repeat: continuing shoting; Single: single shot
9. Setting: volume adjustment
10. Shot count information
11. standby / start
12. Set the limit of the number of shots and beep prompt tone
13. Total used shots

Operation

Preparation:

1. Line drawing pen, fat measuring ruler and line drawing ruler
2. Ultrasonic gel, gel bowl and scraper stick
3. Clean basin, clean water, clean soft towel, make-up cotton, cotton swab, tissue
4. ethanol for disinfection
5. Disposable cushion and head cover
6. Disposable surgical gloves and masks

Cartridge must need to be flat on skin



Do not output energy when cartridge not in full contact with the skin surface
Do not output energy when treatment area area without the application of ultrasonic gel.

Operation notice:

contraindication:

During pregnancy or lactation

Open wound or injury in treatment area

Severe or cystic acne in treatment area

There are metal stents / electrical implants intreatment area

Bioabsorbable mechanical implants

Any type of skin infection

Hemorrhagic disease or dysfunction

Patient Precautions:

Patients with the following diseases should pay attention to and confirm the appropriateness of nursing care.

Anticoagulant therapy.

Skin diseases caused by autoimmune diseases, skin cancer and herpes simplex.

Diabetes or epilepsy.

Serious skin disease.

Exfoliation or heart disease.

Hypersensitivity or hypertrophic scar.

Hemostatic dysfunction.

Operation Cautions:

In order to avoid the risk in the nursing process, the following matters should be paid attention to:

In order to prevent unauthorized use of the equipment, only trained and certified personnel should be allowed to use it.

In order to avoid possible injury during the nursing process, please do not operate near the eyes of the patients, and use ultraformer III.

Avoid nursing the thyroid gland, thyroid cartilage and trachea.

Avoid direct nursing of breast tissue and main blood vessels.

If there is any malfunction or adverse event, stop the nursing procedure immediately.

Before using ULTRAFORMER III care, it is important to remember to apply proper amount of ultrasonic gel in the nursing area. -Before outputting energy, check whether the probe is correctly and completely attached to the skin.

System security considerations:

In order to ensure the safety of the system and the correct maintenance of ultraformeriii, the following points should be noted:

To avoid the risk of electric shock, be sure to check the probe, hand tools and power cord before use.

Do not use a damaged or leaking power cord or probe.

Do not remove the cover or hand tool of the ultraformer III host, because it is not allowed to modify the equipment.

Do not lean against the equipment and do not cause physical external shock to the equipment, as this may cause permanent system damage.

Do not use equipment with anesthetic gas or flammable materials in the surrounding area

Face Neck Operation Attention:



Neural Areas to Avoid:
Inferior marginal nerve, temporal facial nerve, supraorbital nerve

Do not treat in bone and nerve area;

Do not operate directly on the orbital, breast, clavicle, supraorbital, temporal or mandibular nerves;

When nursing the facial area, first treat on one side, and then care on the other side;

Do not operate continuously at the same position;

Avoid operating in specific parts that may cause tingling;

After repeated operation, the skin reaction and the sensitivity level of the patients were checked, and the treatment was continued or the parameters were reduced according to the tolerance level of the patients;

Ensure that the number of hair is always evenly distributed on the marked treatment area;

When dealing with multiple layers, treat them in the following order: for example:

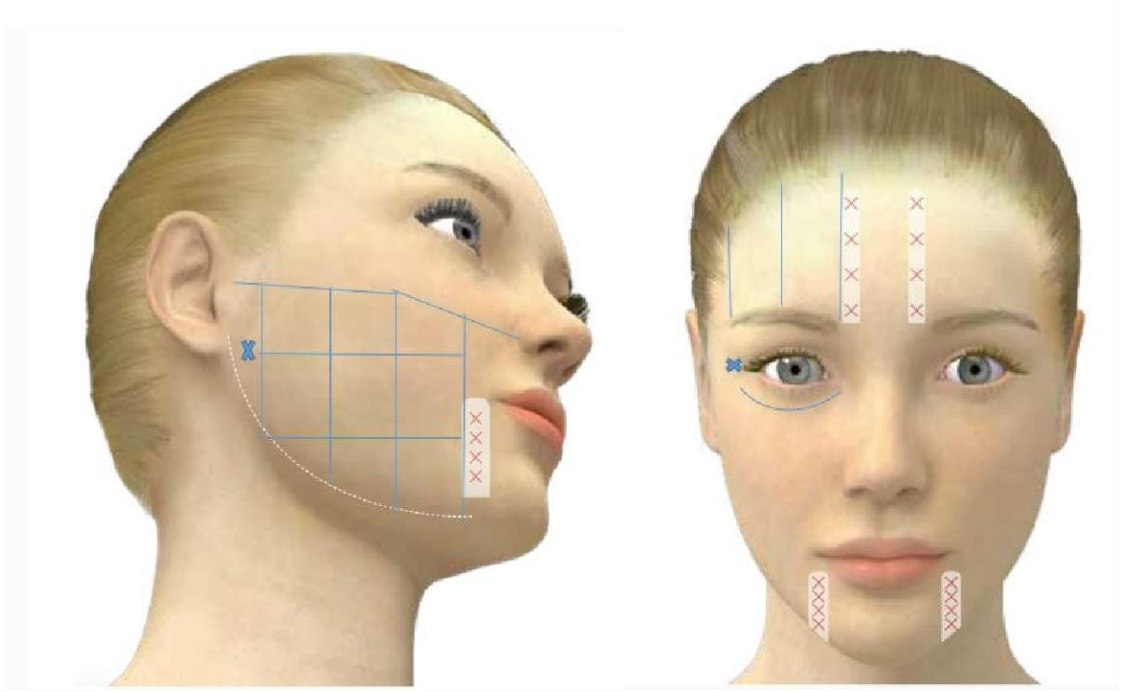
4.5mm 3.0mm 2.0mm 1.5mm

Practical skills - draw lines

Why need to draw lines?

1. Taboo areas: nerve area, bone margin, orbit, navel, buttock, breast tissue, thyroid, etc
In order to avoid displacement, the line of contraindication position should be drawn in the posture;
2. Mark the areas that need to be improved: for example, Dudu meat, pouch, decree pattern, etc., draw lines when standing or sitting upright;
3. Avoid overlapping, repeating or omitting when performing;
4. Increase the sense of ceremony and professionalism of operation;

Facial Draw Lines:



1. The taboo area of marking: one finger is opened at the mouth corner, one finger is opened in front of the ear, the sunken of Taiyang point, the angle of the eye, and the eyebrow on both sides is pointed upward;

2. Find out the position of mandible line and draw line along the edge of mandible line;

3. Find the highest point of Apple muscle, connect the nasal wing with apple muscle, and then connect the apple muscle with the middle of the ear;

3. Avoid 1-2cm at mouth angle, and connect vertically

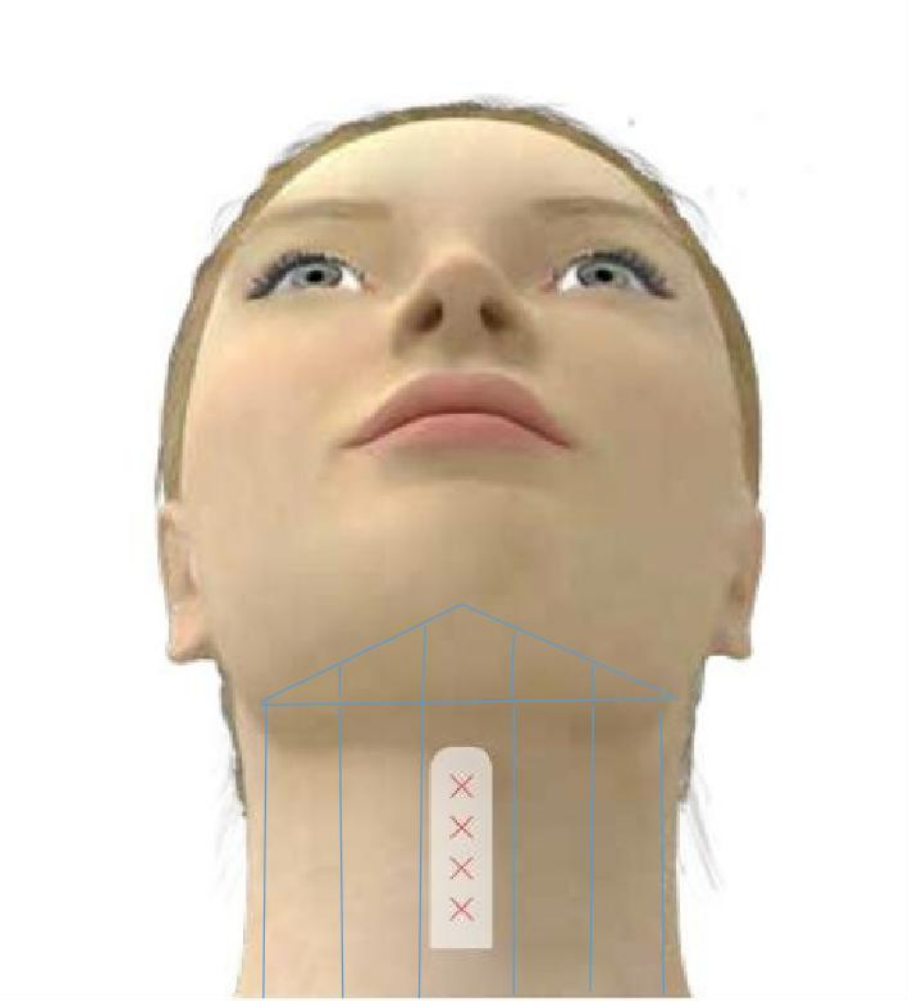
4. Connect the probe with the probe operation distance and translate the distance point;

5. When drawing line of eye, touch the orbital position with your fingers, draw the line along the orbital part, and do not operate inside the orbit. The position of "X" is hit at the corner of the eye,

and it is not operated;

6. The forehead starts with the taboo area of eyebrow, and then moves outward to draw lines.

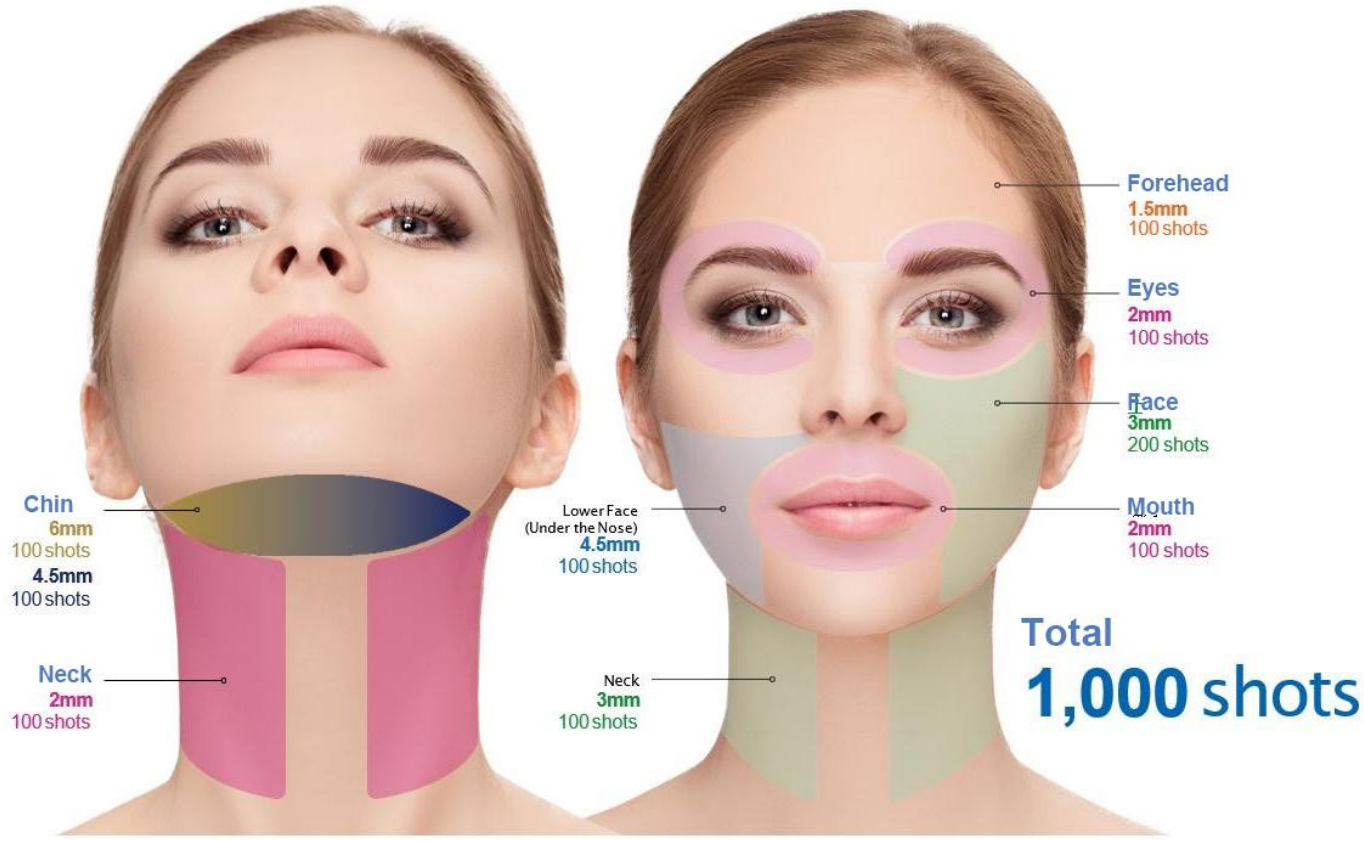
Neck Draw Line:



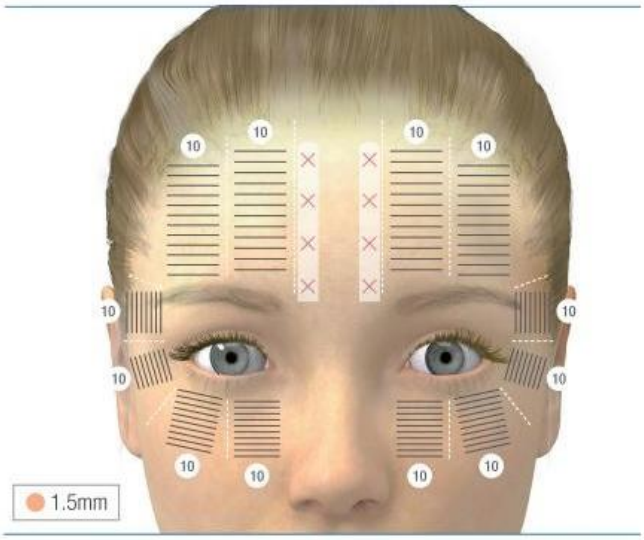
1. The mandible line is along the mandible line, and then find the mandible close to the throat and connect the line, as shown in the figure, the triangle area is connected vertically.

2. First, find out the throat position of the neck, mark the taboo area, then translate and draw the line in turn, the opposite side is the same.

Overview of Facial and Neck Treatment:



Forehead and around the eyes



cartridge	Energy	Distance	Overlay	Shots
1.5mm	0.1-0.2J	1.0-1.5mm	1	120

Do not treat on the supraorbital or temporal nerve area directly

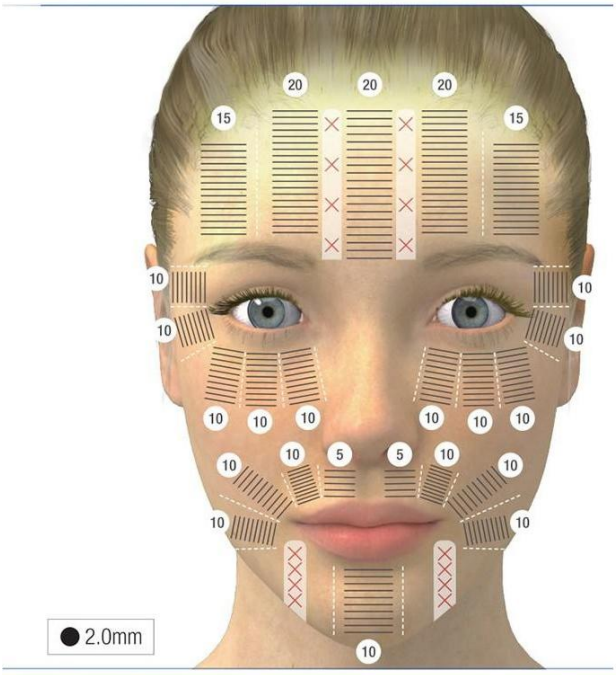
Because the front end of the probe is difficult to firmly and completely fit around the orbit and forehead, please adjust the point spacing between 10 mm and 15 mm for treatment

When caring for the periocular area, ask the patient to close their eyes

When close to the eyebrow line, pull the front end of the probe tightly to the forehead to output energy to reduce pain

For the treatment process of superposition once, please follow the design scheme in the above guidelines

Wrinkles Treatment



Arfea	Cartridge	Energy	Distance	Overlay	Shots
Forehead					90
Eyes Around	● 2.0mm	0.1-0.2J	1.4-1.5mm	1	100
Mouth Around					80

Do not treat on the supraorbital or temporal nerve area directly

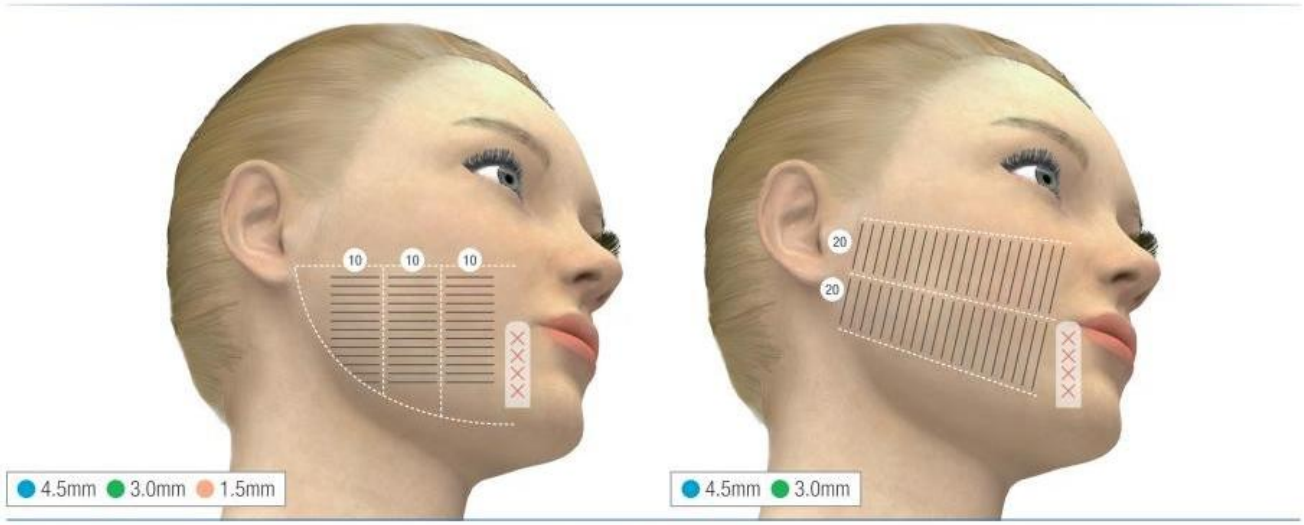
Because the front end of the probe is difficult to firmly and completely fit around the orbit and forehead, please adjust the point spacing between 10 mm and 15 mm for treatment

When caring for the periocular area, ask the patient to close their eyes

When close to the eyebrow line, pull the front end of the probe tightly to the forehead to output energy to reduce pain

For the treatment process of superposition once, please follow the design scheme in the above guidelines

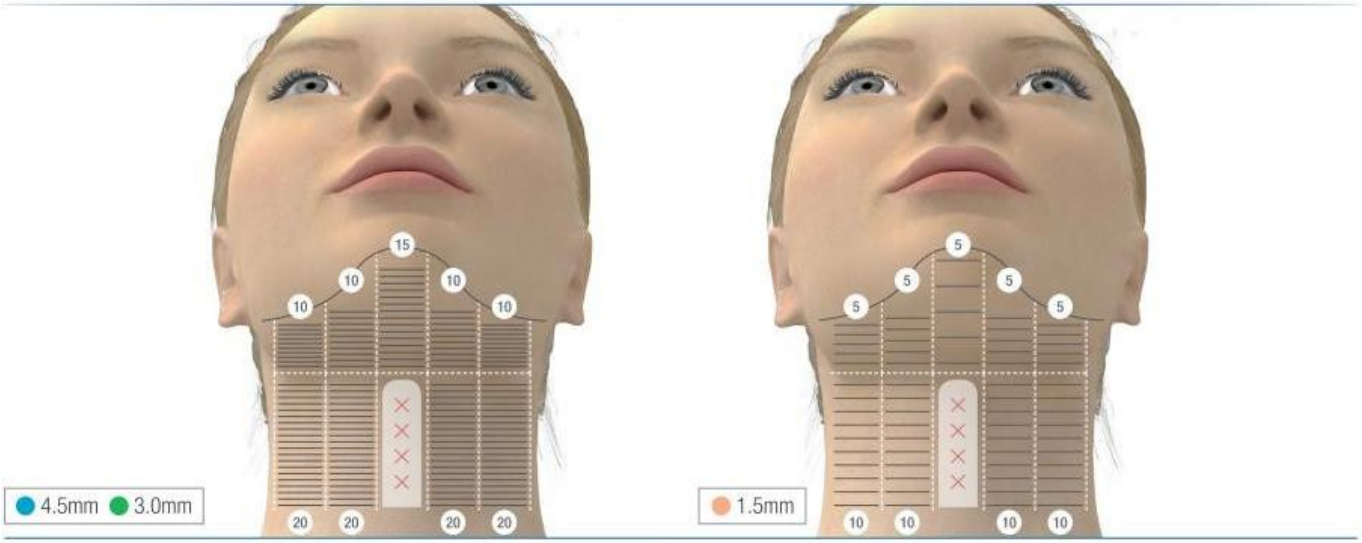
Check:



Cartridge	Energy	Distance	Overlay	Shots
● 4.5mm	0.6-0.9J	1.0-1.5mm	2	70/70
● 3.0mm	0.3-0.6J	1.0-1.5mm	2	70/70
● 1.5mm	0.1-0.2J	1.0-1.5mm	1	30/30

1. Do not treat the area of mandibular line nerve directly
2. In multi-level treatment, the treatment should be carried out from deep to shallow. EX: 4.5mm→3.0mm→1.5mm
3. For the nursing process of superimposing 2 times, it is suggested to adopt compound horizontal and vertical nursing techniques
4. For the nursing process of superposition once, the treatment mode was applied according to the instructions

Jaw and Neck:



Cartridge	Energy	Distance	Overlay	Shots
4.5mm	0.5-0.8J	1.0-1.5mm	1	135
3.0mm	0.3-0.5J	1.0-1.5mm	1	135
1.5mm	0.1-0.2J	1.0-1.5mm	1	65

1. Do not treat the area of mandibular line nerve directly
2. Do not put too much pressure on the neck to prevent the occurrence of adverse reactions in the nursing process
3. In multi-level treatment, the treatment should be carried out from deep to shallow. EX: 4.5mm→3.0mm→1.5mm
4. For the nursing process of superposition once, the treatment mode was applied according to the instructions

THE WONDERS OF MF2

The 2.0mm or "MF2" Cartridge of the ULTRAFORMER III is designed to significantly reduce fine lines and wrinkles on the patient's forehead and around the eyes and mouth. When making firm contact with skin, this surprisingly thin transducer can target the narrow regions and contours of the face, a feature that is too special to emulate.

FOCAL POINTS

The sensitive and shallow regions around the forehead, eyes, and mouth are treatable with ease due to the narrow focus and precision supported by MF2.







Facial Application

NEW MF2 Application:

Forehead:



Under-eye Bag:



Cartridge	Energy	Pitch	Total	Passes
2mm	0.1-0.2 J	1.0-1.5 mm	80	2



Eyebow Lift:





Cartridge	Energy	Pitch	Total	Passes
● 2mm	0.1-0.2 J	1.0-1.5 mm	80	2

Infraorbital Region:





Cartridge	Energy	Pitch	Total	Passes
● 2mm	0.1-0.2 J	1.0-1.5 mm	80	2

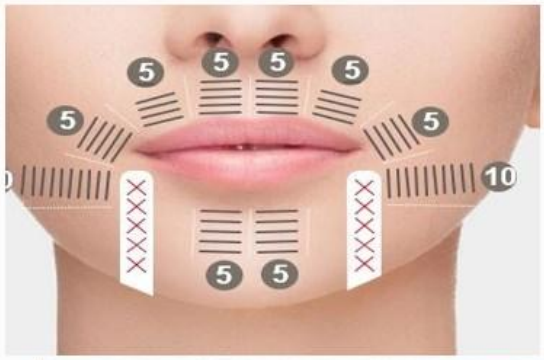
Nasolabial Folds:



Cartridge	Energy	Pitch	Total	Passes
● 2mm	0.1-0.2 J	1.0-1.5 mm	80	2



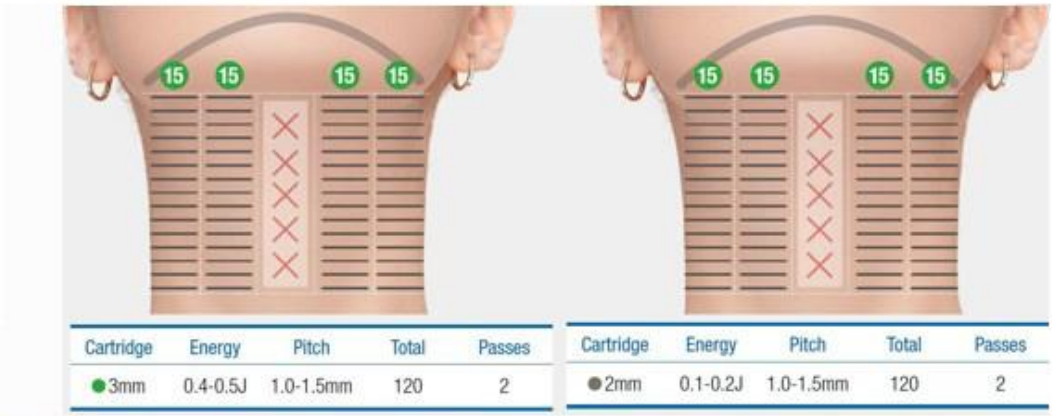
Lips Around:



Cartridge	Energy	Pitch	Total	Passes
2mm	0.1-0.2J	1.0-1.5mm	80	2



Neck:



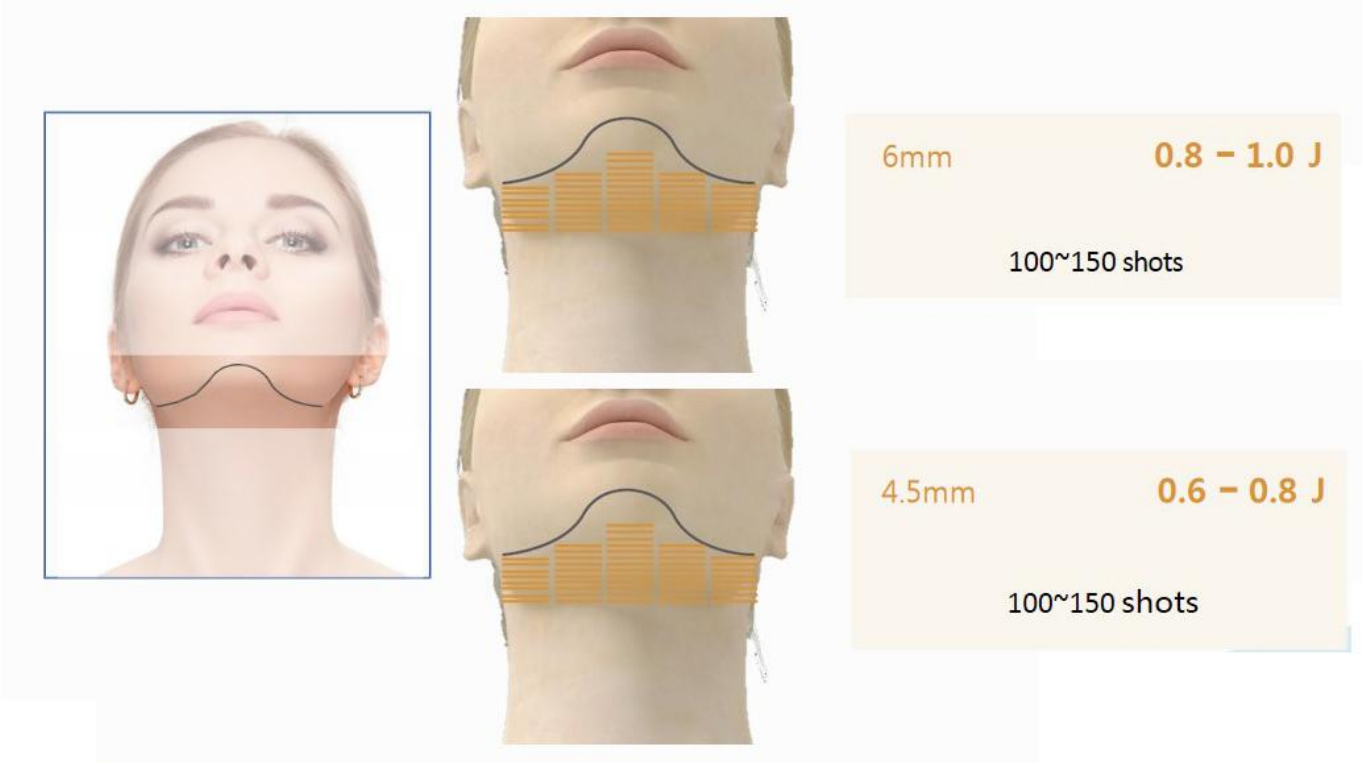
Cartridge	Energy	Pitch	Total	Passes
3mm	0.4-0.5J	1.0-1.5mm	120	2

Cartridge	Energy	Pitch	Total	Passes
2mm	0.1-0.2J	1.0-1.5mm	120	2



MF6 Application

Double Chin:







Body Application

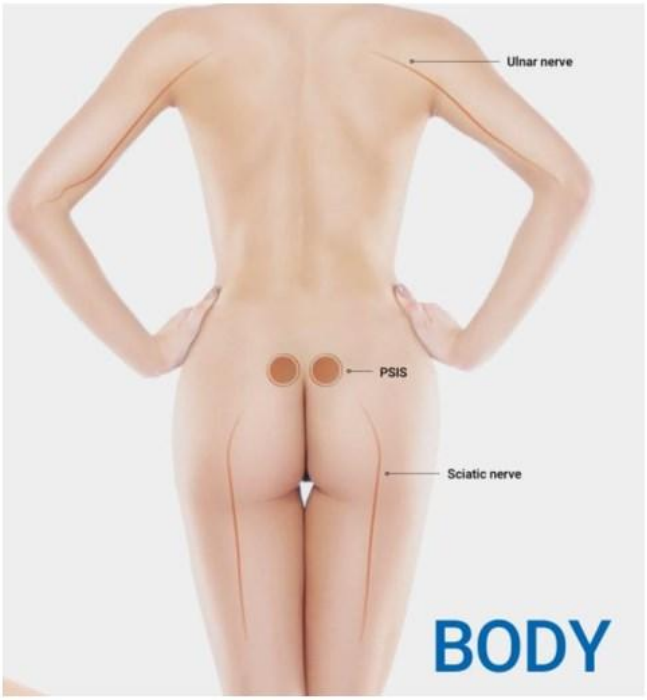
Body Treatment Cautions:

Neural areas to avoid:

Umbilicus, posterior superior spine (PSIs), pelvic nerve, ulnar nerve, sciatic nerve

1. Do not operate in bone area and nerve area;
2. Do not operate on navel, posterior superior spine (PSIs), pelvis, ulna or sciatic nerve directly;
3. When nursing body parts, please treat on one side first, and then operate on the other side;
4. Avoid operating in specific parts that may cause tingling;
5. After stacking times, pay attention to check the skin reaction and the sensitivity level of patients. According to the patient's tolerance level, continue the treatment or reduce the parameters;
6. Ensure that the number of hair is always evenly distributed on the marked treatment area;
7. The patient must choose the appropriate cartridge according to the measurement results of the fat caliper of the intended operation site:

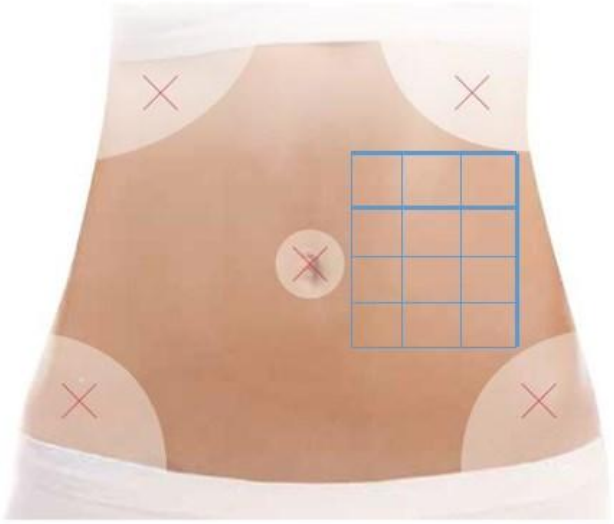
MF6: 12mm, MF9: 18mm, MF13: 26mm



Draw Lines: Abdomen

1. Mark the taboo area first. Aabove and under the navel in open 2 fingers distance, under ribs, draw a line along the edge of the rib. The edge of the ilium is drawn along the bone line.

2. Draw line with the abdomen ruler, connect the line according to the position of the point, as shown in the figure.



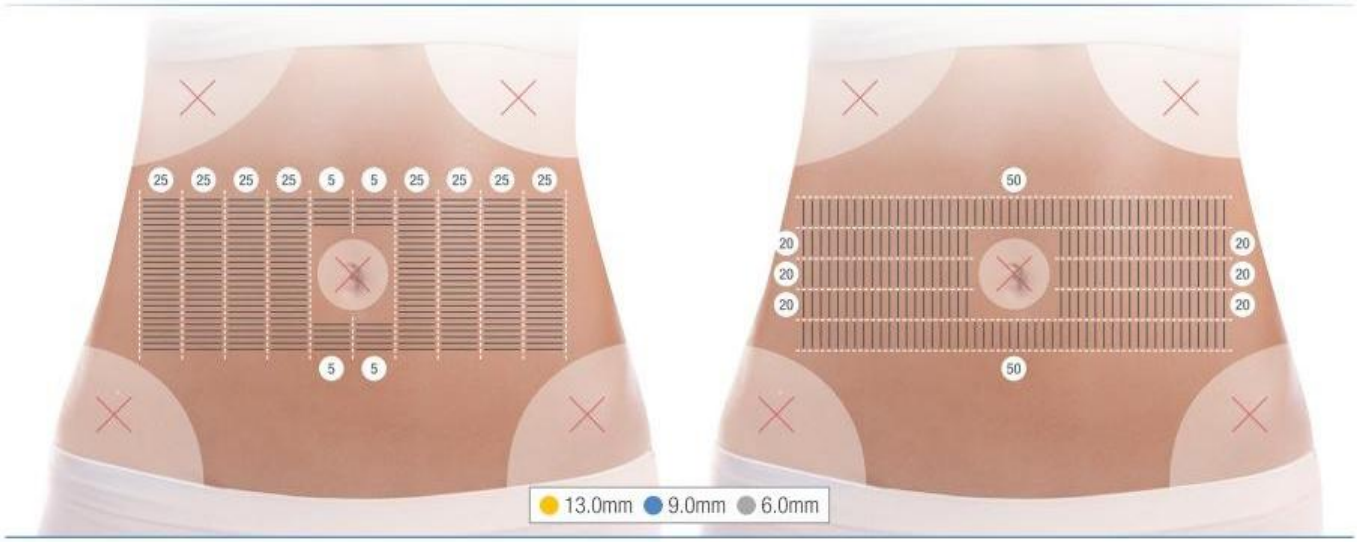
Draw Lines: **Thigh**

1. Find out the nerve location and mark the contraindication area.

2. Draw lines with the body ruler, mark the position of the point and connect the line, the opposite side is the same.



Abdomen:



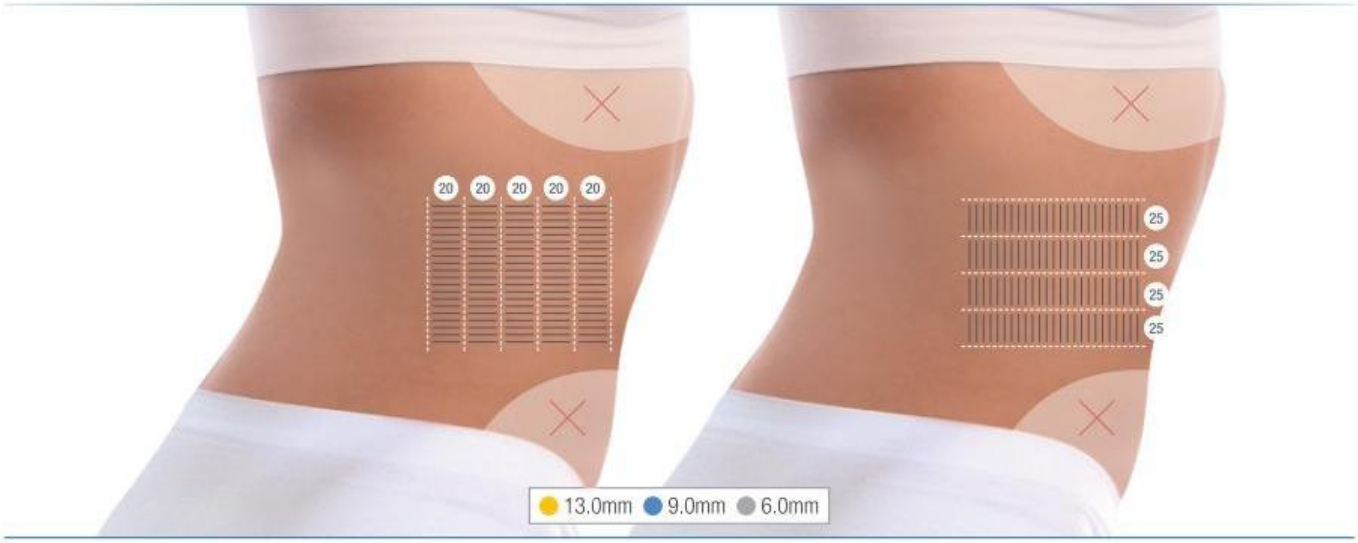
Cartridge	Energy	Distance	Overlay	Shots
13.0mm	1.5-2.2J	1.0-1.5mm	3	660
9.0mm	1.5-2.5J	1.0-1.5mm	3	660
6.0mm	1.5-2.2J	1.0-1.5mm	3	660

Do not opertation directly for navel, ribs or pelvic area.

In superposition nursing, should be follow the process from deep to shallow . 13.0mm→9.0mm→6.0mm

Overlay of 3 times nursing process, it is recommended to adopt the horizontal and vertical composite techniques as shown above. Of course, you can also choose any horizontal or vertical technique for 2 times of superimposed nursing.

Flank:



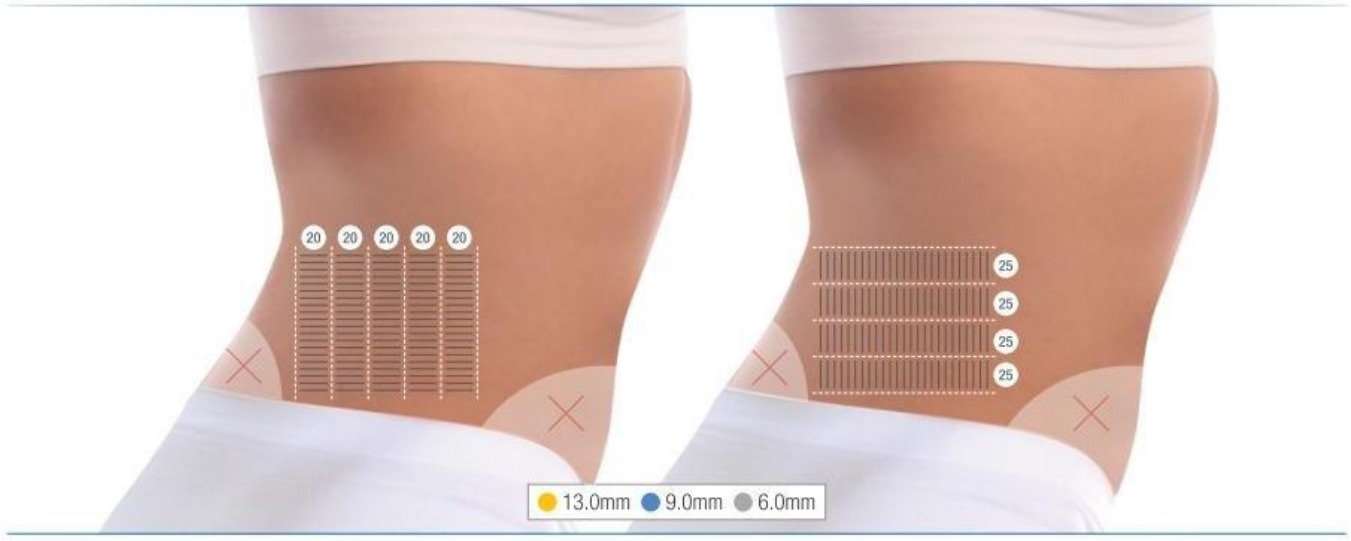
Cartridge	Energy	Distance	Overlay	Shots
13.0mm	1.0-1.8J	1.0-1.5mm	3	300/300
9.0mm	1.0-1.9J	1.0-1.5mm	3	300/300
6.0mm	0.8-1.3J	1.0-1.5mm	3	300/300

Do not opertation directly on rbs and pelvis.

In superposition nursing, should be follow the process from deep to shallow . 13.0mm→9.0mm→6.0mm

Overlay of 3 times nursing process, it is recommended to adopt the horizontal and vertical composite techniques as shown above. Of course, you can also choose any horizontal or vertical technique for 2 times of superimposed nursing.

Waist:



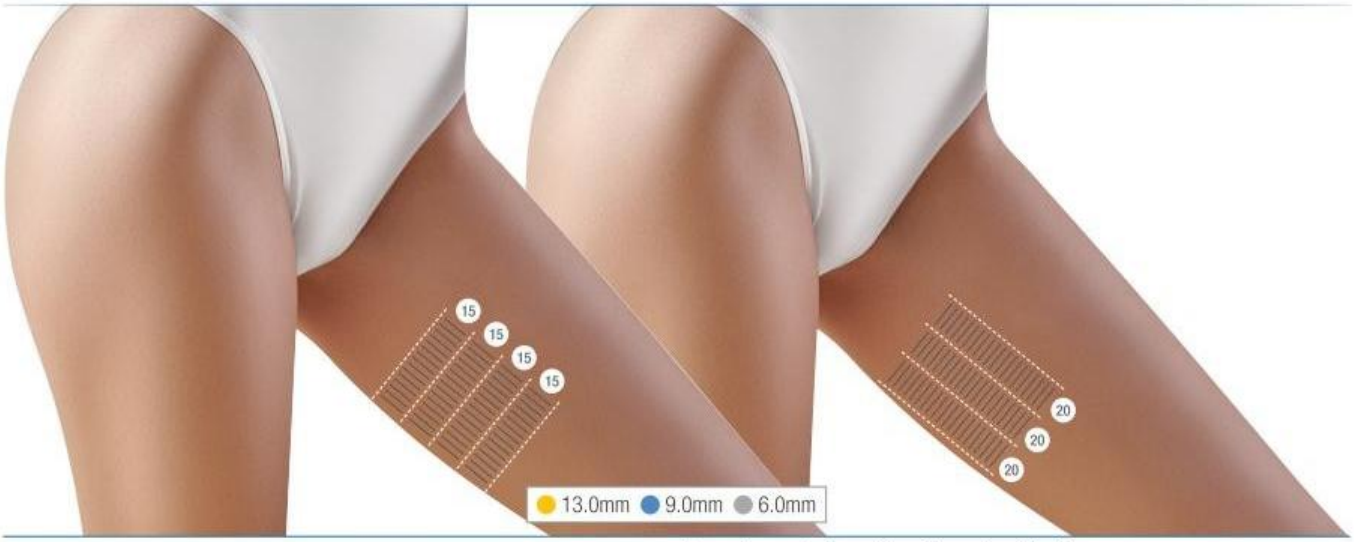
Cartridge	Energy	Distance	Overlay	Shots
13.0mm	0.8-1.3J	1.0-1.5mm	3	300/300
9.0mm	0.8-1.5J	1.0-1.5mm	3	300/300
6.0mm	0.6-1.2J	1.0-1.5mm	3	300/300

Do not opertation directly on psis and pelvis area.

In superposition nursing, should be follow the process from deep to shallow . 13.0mm→9.0mm→6.0mm

Overlay of 3 times nursing process, it is recommended to adopt the horizontal and vertical composite techniques as shown above. Of course, you can also choose any horizontal or vertical technique for 2 times of superimposed nursing.

Inner Thigh:



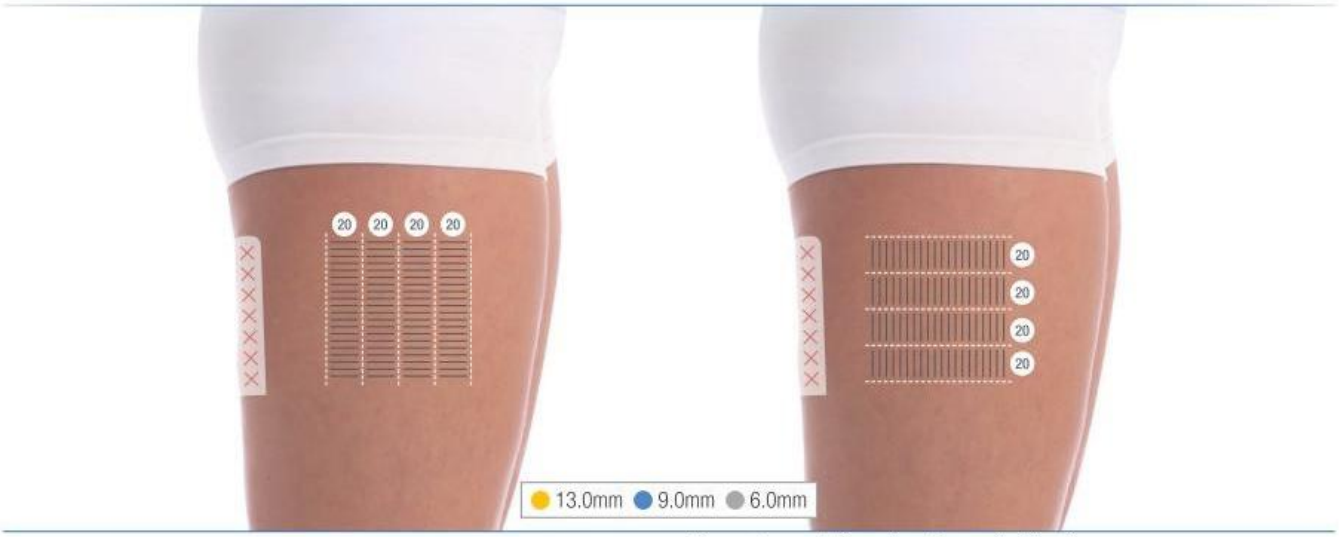
Cartridge	Energy	Distance	Overlay	Shots
13.0mm	0.5-1.2J	1.0-1.5mm	3	180/180
9.0mm	1.0-1.5J	1.0-1.5mm	3	180/180
6.0mm	1.0-1.5J	1.0-1.5mm	3	180/180

Do not opertation directly on ischiadic nerve area.

In superposition nursing, should be follow the process from deep to shallow . 13.0mm→9.0mm→6.0mm

Overlay of 3 times nursing process, it is recommended to adopt the horizontal and vertical composite techniques as shown above. Of course, you can also choose any horizontal or vertical technique for 2 times of superimposed nursing.

Outer Thigh:



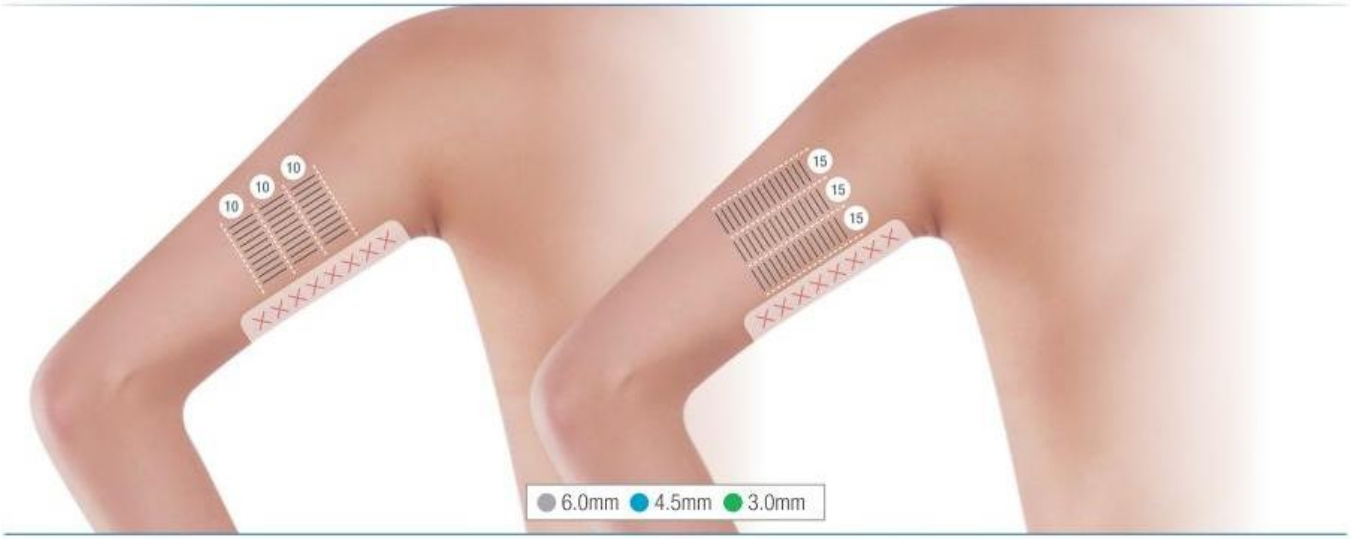
Cartridge	Energy	Distance	Overlay	Shots
13.0mm	0.8-1.5J	1.0-1.5mm	3	240/240
9.0mm	1.0-2.0J	1.0-1.5mm	3	240/240
6.0mm	1.0-2.0J	1.0-1.5mm	3	240/240

Do not opertation directly on ischiadic nerve area.

In superposition nursing, should be follow the process from deep to shallow . 13.0mm→9.0mm→6.0mm

Overlay of 3 times nursing process, it is recommended to adopt the horizontal and vertical composite techniques as shown above. Of course, you can also choose any horizontal or vertical technique for 2 times of superimposed nursing.

Arms:



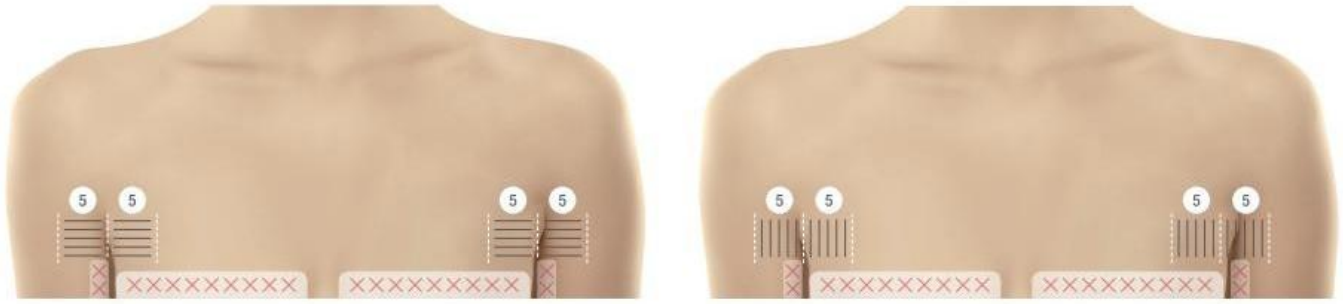
Cartridge	Energy	Distance	Overlay	Shots
6.0mm	0.8-1.5J	1.0-1.5mm	2	75/75
4.5mm	0.6-1.0J	1.0-1.5mm	2	75/75
3.0mm	0.6-0.9J	1.0-1.5mm	2	75/75

Do not opertation directly on ulnar nerve area.

In superposition nursing, should be follow the process from deep to shallow . 6.0mm→4.5mm→3.0mm

Overlay of 2 times nursing process, it is recommended to adopt the horizontal and vertical composite techniques as shown above.

Armpit:



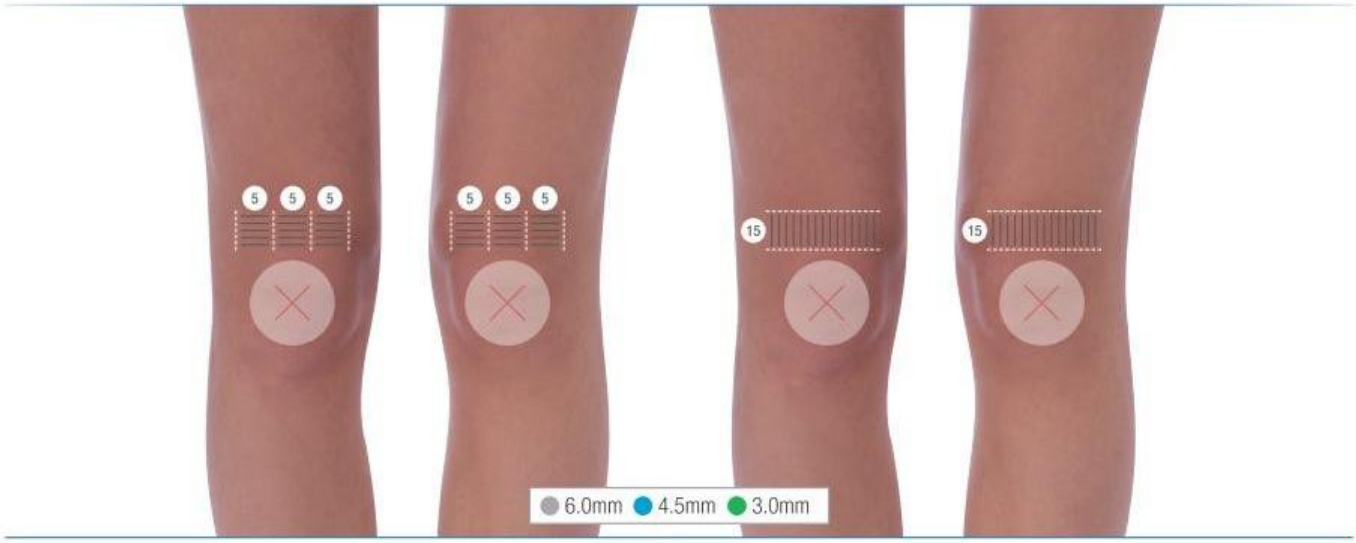
Cartridge	Energy	Distance	Overlay	Shots
6.0mm	0.6-0.9J	1.0-1.5mm	2	20/20
4.5mm	0.5-0.8J	1.0-1.5mm	2	20/20
3.0mm	0.5-0.8J	1.0-1.5mm	2	20/20

Do not opertation directly on breast tissue and ulnar nerve area.

In superposition nursing, should be follow the process from deep to shallow . 6.0mm→4.5mm→3.0mm

Overlay of 2 times nursing process, it is recommended to adopt the horizontal and vertical composite techniques as shown above.

Knee:



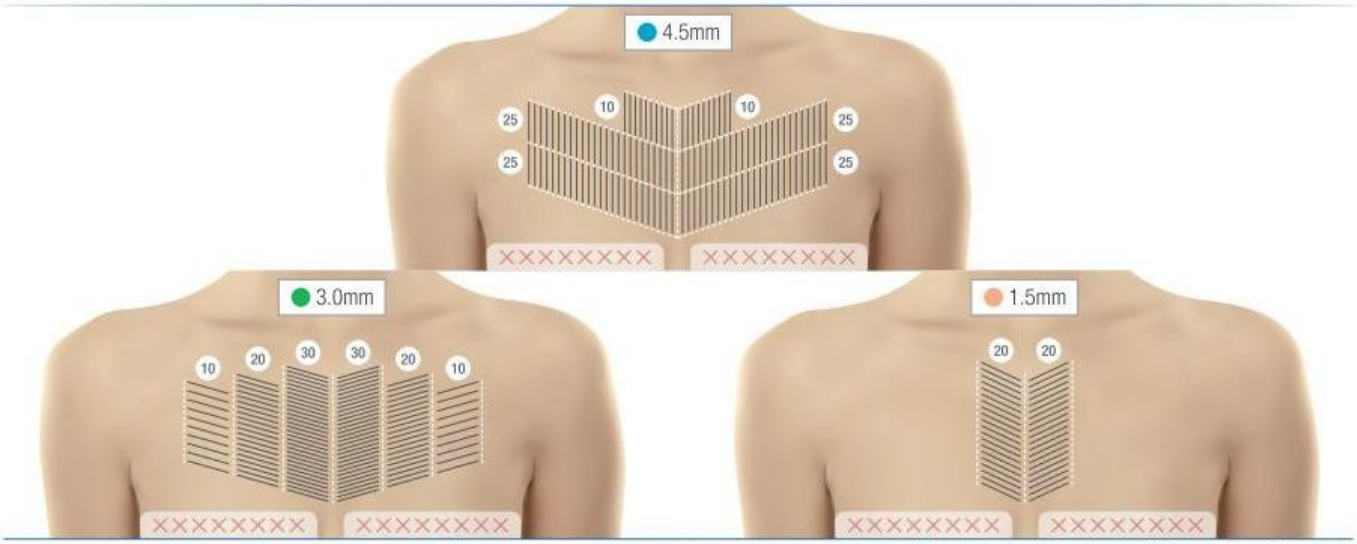
Cartridge	Energy	Distance	Overlay	Shots
6.0mm	1.0-2.0J	1.0-1.5mm	2	30/30
4.5mm	0.6-0.9J	1.0-1.5mm	2	30/30
3.0mm	0.6-0.8J	1.0-1.5mm	2	30/30

Do not opertation directly on knee pan and nerve area.

In superposition nursing, should be follow the process from deep to shallow . 6.0mm→4.5mm→3.0mm

Overlay of 2 times nursing process, it is recommended to adopt the horizontal and vertical composite techniques as shown above.

Chest:



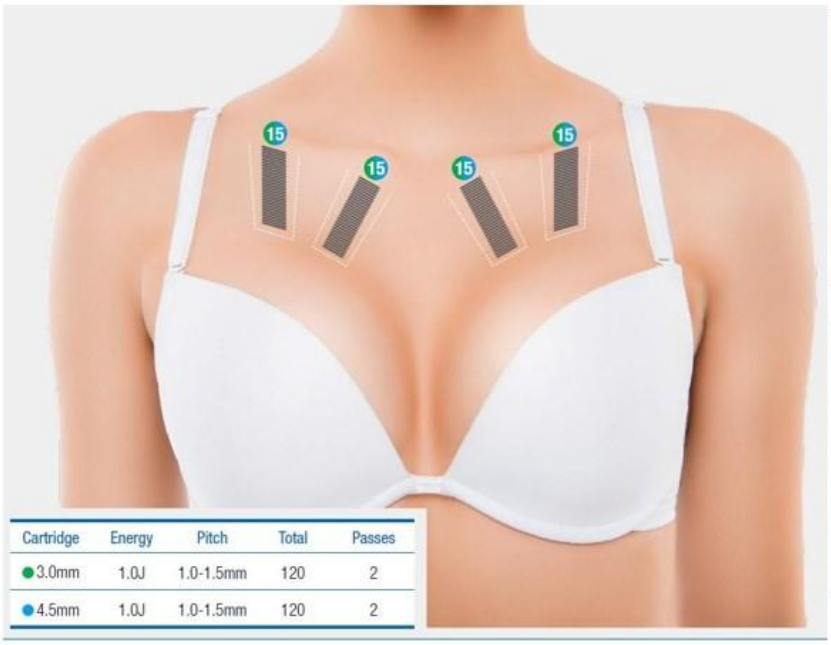
Cartridge	Energy	Distance	Overlay	Shots
4.5mm	0.2-0.4J	1.0-1.5mm	1	120
3.0mm	0.2-0.4J	1.0-1.5mm	1	120
1.5mm	0.1-0.2J	1.0-1.5mm	1	40

Do not opertation directly on clavicle, breast tissue and breast implants area.

In superposition nursing, should be follow the process from deep to shallow . 4.5mm→3.0mm→1.5mm

For the nursing process of overlay 1 time, need to apply according to the instructions

Brest Lifting:



Cartridge	Energy	Pitch	Total	Passes
3.0mm	1.0J	1.0-1.5mm	120	2
4.5mm	1.0J	1.0-1.5mm	120	2

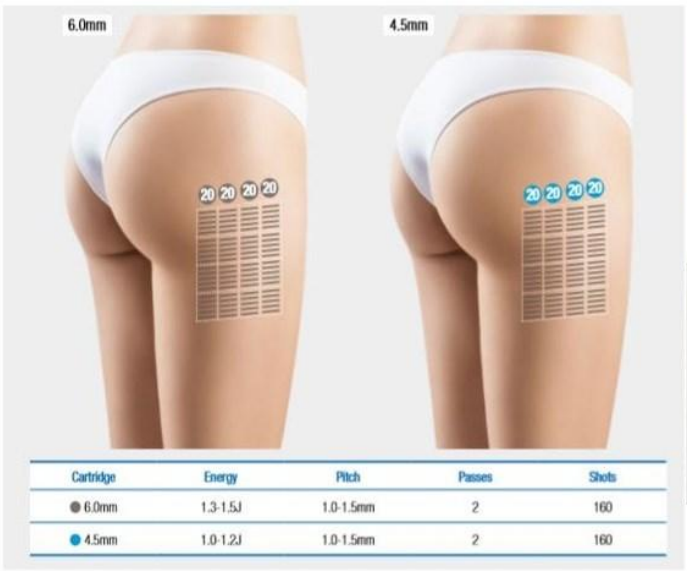


Baseline

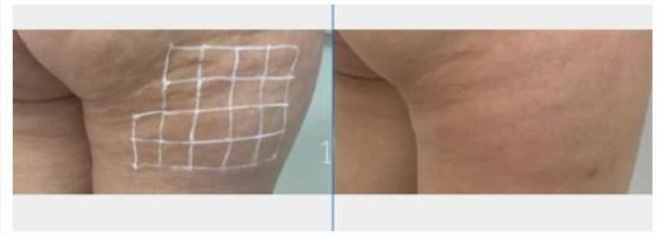


Post Procedure

Treatment for Cellulite:



Cartridge	Energy	Pitch	Passes	Shots
6.0mm	1.3-1.5J	1.0-1.5mm	2	160
4.5mm	1.0-1.2J	1.0-1.5mm	2	160





Baseline

Post Procedure

FAQ:

1. Who need to do 7D Hifu?

- people with loose facial skin wants to use non-invasive means to tighten and improve.
- if you want to improve and tighten your face, but you can't accept filling, line carving and other surgical methods, 7D Hifu is the first choice.
- people have high standards of anti-aging, 7D Hifu can help you realize this wish.

2. How lone to do 7D Hifu, and what's the feeling?

(1)The treatment time of 7D Hifu is short, about 40 minutes to complete the treatment (depending on individual situation), and it can go immediately after finishing, which does not affect the normal work and life, so it is called "lunch break beauty".

(2)After 7D Hifu treatment, there will be obvious skin tension, which will disappear in about 2-3 days. After disappearance, the skin will enter the process of collagen proliferation and reconstruction.

3. How long will have effect after 7D Hifu treatment, how long will the effect last?

It will have effect immediately just after the treatment. The effect will reach its peak in about 3 months, which can last for 2~3 years. The specific duration depends on the skin condition, skin care and living habits.

4.Dose 7D Hifu just can do on face?

7D Hifu has been developed to the third generation. The third generation of 7D Mylar can be applied to the whole face, such as forehead, nasolabial groove, chin, cheek and fragile eye area. It can also be applied to the neck, hand, waist, hip and other body parts to help improve the loose skin.

5. Does 7D Hifu treatment is pain?

Because 7D Hifu acts on the facial dermis and SMAS fascia through focused ultrasound energy, heating the tissue to 65 ℃ - 75 ℃, it is not so much pain as heat. So the vast number of people seeking beauty can rest assured to experience.

6. The people not suitable for 7D Hifu treatment

Pregnancy, lactation, not recommended.

It is not recommended for diabetics.

Face now has a large area of acne and acne, as well as pustules, it is not recommended to do.

Not recommended for patients with heart disease