

# User Manual

MS-13R1

**360° Rotating RF**



# Preface

Dear Users,

We're pleased to present to you our latest beauty instrument MS-13R1. With special 360° rotating head, this instrument applies RF technology to effectively solve various kinds of skin problems, which can deliver the beauty results of reducing wrinkles, and firming and lifting skin in a safe and efficient way. It is a professional beauty machine, which needs to be handled by professionals with proper training. Any improper use will result in adverse outcomes. Therefore, we advise any personnel to read this manual thoroughly and follow the instructions strictly before operation.

We believe our quality product will bring in good returns on your end. Also, you can count on our worry-free after-sales service.

Thank you!

# Table of Contents

Preface	
Part I	
Introduction	
Advantages	
Working Principles	
1. Face Anti-aging	
2. Eye Anti-aging	
3. Neck Anti-aging	
Part II	
1. Detailed Operations	
2. Technical Parameters	
3. User Contraindications	
4. Dos and Don'ts	
5. Troubleshooting & Solutions	
6. FAQs	
7. Packing List	
8. Operational Diagrams	

# Part I

## Brief Introduction

The added 360° rotating head is not only in line with ergonomics in terms of design, but can help deliver better results in a labour-saving and comforting way during the treatment. The RF instrument is currently the most popular beauty machine that works on skin care, skin-firming, body-shaping and anti-aging. It's an effective replacement of all treatment programs of face&neck firming, lifting, anti-aging and wrinkle reduction in beauty salons. Moreover, it is convenient and easy to operate. It solves both skin and body management problems for beauty-lovers. This equipment requires no injection, no medication, and no operation, for which it has no side effects. It is used externally during the whole process and has an immediate effect. RF machines heats deeper skin layers, stimulates collagen to regenerate and reorganize in dermis, and promotes blood circulation in hypodermis, which can achieve the results of skin firming and anti-aging.

## Advantages

1. This instrument can be a replacement as a non-invasive beauty treatment for facelift operation. It is safe without side effects and has no impact on daily work.
2. RF can heat up dermis and then promote skin metabolism and collagen regeneration, thus delivering the results of skin lifting, firming and rejuvenating, wrinkle removal, and anti-ageing.
3. It is non-surgical treatment that can protect epidermis and so skin needs no time to heal. It is painless and can be performed under no anaesthesia.
4. The head can be used for countless times and there is no need to replace it, which can reduce treatment cost.
5. The infrared ray can promote skin metabolism, accelerate blood circulation, prevent bacterium proliferation and expand capillary.
6. It can promote the regeneration of skin tissue and skin's immunity to reduce wrinkles and better skin.
7. Under the impact of 360° rotating RF and far infrared ray, the collagen cells of dermis can be heated up and the collagenous fiber will be evenly heated up to above 45°C despite the barrier of melanin. In this way, it can lift and tighten skin to reduce wrinkles immediately on the premises that the heat will not burn the skin.
8. It can promote the micro-circulation of tissue and make collagen regenerate and reorganize, by which it can improve skin texture and lift and firm skin.

## Four-polar 360° Rotating RF

### Working Principles

This instrument can: firm skin, lift skin, smooth skin and sculpt face. The frequency for ideal biological heat effect of four-poled RF is 3MHz. Charged particles with speed of up to 8 million per second in the tissue change their direction at the same frequency in the rapid switch of the electrode, and the dermis naturally resists the radio frequency current to produce heat energy.

RF waves directly penetrate the skin, making use of the resistance formed by the skin to produce energy to raise the temperature of the bottom layer of the skin, heat the tissue quickly and continuously and promote the growth of collagen, which achieves the effect of firming,

lifting and smoothing skin. Depending on dermis collagen contraction and proliferation, it has two major effects of lifting and firming skin in a timely manner and making collagen regeneration last long. Collagen will gradually proliferate and reorganize in 2-6 months after use, which will lift and tighten sagging skin.

### Biological Effects

The waves vibrating millions of times per second can penetrate the epidermis and then directly act on the dermis to heat up collagen cells in a deep layer, stimulate the growth of collagen fibers, and make them supported by a large amount of new collagen. In this way, it can make the skin firmer and more elastic. Every time energy is transmitted into the skin, you will feel a brief sensation of heating. This means that collagen has been stimulated and heated, and the skin will be tightened. In the process of sliding the instrument, the RF waves have passed through the epidermis and acted on the deep dermis under the cold protection of the epidermis to heat up water molecules to produce safe biothermal energy rapidly. When collagen tissue is heated to 45 °C ~ 60 °C in the natural friction, it will contract immediately and stimulate the continuous proliferation of collagen. At the same time, biological heat can effectively accelerate the blood flow in adipocytes and make free fatty acid (ffa) released to promote the dissolution of superficial fat to achieve the purpose of tightening and lifting sagging part of the body.

## Face Anti-aging Effects

1. Firm face and enable the deep introduction of nutrients.
2. Increase skin elasticity and smoothness
3. Moisturize the skin and increase the absorption rate of the skin.
4. Accelerate blood circulation and metabolism.
5. Relieve the symptoms of double chin and tighten skin.
6. Stimulate collagen proliferation and delay aging

### Applicable Range.

1. Those whose faces are dark and dull.
2. Those whose skin is flabby and sagging.
3. Those who have fine lines, nasolabial folds , wrinkles at eye corners.
4. Those whose face contours are not clear.
5. Those who have rough skin and large pores.
6. Those who work for a long time in the office and are exposed to ultraviolet rays.
7. Those who have sagging skin, edema or puffiness after giving birth

### Inapplicable Range:

1. Those who have just undergone plastic surgery with prostheses and metal materials, etc., implanted at the operation area.
2. Those who have experience in injection products recently, such as hyaluronic acid, or those who have mesotherapy, wrinkle removal, or plastic surgery.
3. Those who have hypertension, heart disease, diabetes, severe hyperthyroidism, malignant tumor, etc.
4. Those who are in allergic period and have severely sensitive skin and metal allergies.
5. Those who have trauma or wound on the skin.
6. Those who are of advanced years.
7. Those who are in menstruation, pregnancy, lactation, surgical recovery.

8. Those who have skin diseases and infectious diseases.
9. Those who have unrealistic illusions about the effect.

## **Do's and Don'ts after operation**

1. Do not wash your face with overheated water for three days (you can wash your face with warm or cold water).
2. Strengthen hydration, moisturizing and avoid sunburn.
3. Do not go for hot springs, saunas, violent exercise, etc., for three days.
4. It is recommended to apply the mask at least three times a week.
5. Avoid eating spicy and greasy food, avoid staying up late, smoking and drinking, and eat more fruits and vegetables and food with less grease.
6. Avoid those food which leads to high blood pressure, high cholesterol and high blood sugar).

## **Eye Anti-aging**

### **Effects**

1. Relieve eye fatigue, dark circles, eye bags and edema.
2. Reduce lines around eyes and crow's feet.
3. Reduce dark spots and accelerate blood circulation.
4. Accelerate metabolism and prevent pigmentation.
5. Supplement eyes with nutrition and moisturize skin.
6. Firm and soften skin, lift the corners of the eyes.
7. Accelerate blood circulation around eyes and help skin absorb nutrients efficiently.

### **Applicable Range**

1. Those with wrinkles, fine lines, bags and dark circles around the eyes.
2. Those with dry skin, dry lines and dynamic wrinkles.
3. Those with eyes prone to fatigue and dryness.
4. Those who frequently face computer screens and mobile phones.
5. Those who often stay up late and have dark circles.
6. Those who often stay in a dry or hot environment.

### **Inapplicable Range**

1. Those who had just undergone plastic surgery.
2. Those who have hypertension, heart disease, diabetes, severe hyperthyroidism and malignant tumors.
3. Those who are having an allergic reaction and have severe sensitive skin or are allergic to metals.
4. Those who have skin trauma or wound.
5. Those who are of advanced years.
6. Those who are pregnant or convalescents.
7. Those who have skin diseases and contagious diseases.

## **Do's and Don'ts after Operation**

1. Avoid excessive exposure to the sun. Sun protection is encouraged.
2. After operation, the treated area is relatively dry, moisturizing and sun protection is encouraged.
3. Within 1-3 days after operation, it is better not to use alcohol, AHA or other exfoliating

products.

4. Avoid facial washing with overheated water, taking a sauna, going for hot springs or other violent exercise within 7 days after operation.

5. Moisturizers and eye masks are encouraged to use. It will be preferable to use eye masks 3 times or more a week.

Relieve eye fatigue, dark circles, eye bags and edema.

2. Reduce lines around eyes and crow's feet.

3. Reduce dark spots and accelerate blood circulation.

4. Accelerate metabolism and prevent pigmentation.

5. Supplement eyes with nutrition and moisturize skin.

6. Firm and soften skin, lift the corners of the eyes.

7. Accelerate blood circulation around eyes and help skin absorb nutrients efficiently.

## **Applicable Range**

1. Those with wrinkles, fine lines, bags and dark circles around the eyes.

2. Those with dry skin, dry lines and dynamic wrinkles.

3. Those with eyes prone to fatigue and dryness.

4. Those who frequently face computer screens and mobile phones.

5. Those who often stay up late and have dark circles.

6. Those who often stay in a dry or hot environment.

## **Inapplicable Range**

1. Those who had just undergone plastic surgery.

2. Those who have hypertension, heart disease, diabetes, severe hyperthyroidism and malignant tumors.

3. Those who are having an allergic reaction and have severe sensitive skin or are allergic to metals.

4. Those who have skin trauma or wound.

5. Those who are of advanced years.

6. Those who are pregnant or convalescents.

7. Those who have skin diseases and contagious diseases.

## **Do's and Don'ts after Operation**

1. Avoid excessive exposure to the sun. Sun protection is encouraged.

2. Within 1-3 days after operation, it is better not to use alcohol, AHA or other exfoliating products.

3. Avoid facial washing with overheated water, taking a sauna, going for hot springs or other violent exercise within 7 days after operation.

4. After operation, the treated area is relatively dry, moisturizers and eye masks are encouraged to use. It will be preferable to use eye masks 3 times or more a week.

## **Neck Anti-ageing**

### **Effects**

1. Relieve fine lines and wrinkles on neck.

2. Reduce the flabbiness, roughness and dullness of the neck skin.

3. Firm skin and increase skin elasticity.

4. Relieve the condition of double chin.

## Applicable Range

1. Those who have fine lines and wrinkles on the neck
2. Those who have saggy skin without elasticity
3. Those who have dark and dull skin
4. Those who often bow their heads

## Inapplicable Range

1. Those who have just taken plastic surgery
2. Those who have hypertension, heart diseases, diabetes, severe thyroid diseases malignant tumor and so on
3. Those who are having allergic reactions or have severely sensitive skin
4. Those who have wounds or cut
5. Those who are too old
6. Pregnant women or people who are recovering from operations
7. Those who have skin diseases and infectious diseases

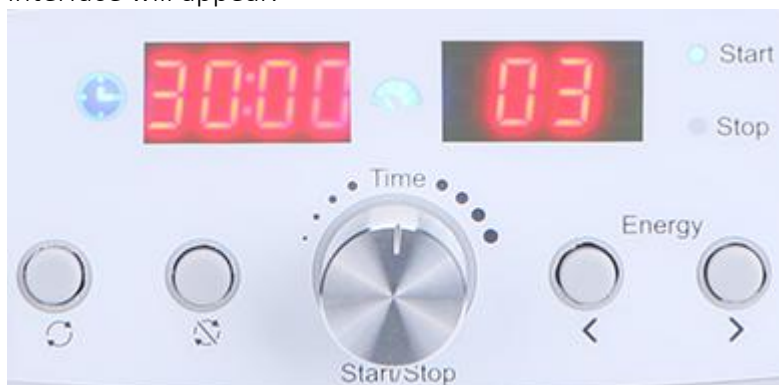
## Do's and Don'ts after Operation

1. Avoid excessive exposure to the sun. Sun protection is encouraged.
2. After operation, moisturizing skin and sun protection is encouraged.
3. Within 1-3 days after operation, it is better not to use alcohol, AHA or other exfoliating products.
4. Avoid facial washing with overheated water, taking a sauna, going for hot springs or other violent exercise within 7 days after operation.
5. Moisturizers and eye masks are encouraged to use. It will be preferable to use eye masks 3 times or more a week. Applying essence or neck cream is encouraged.

## Part II

### 1. Detailed Operation

After checking the instrument is plugged in properly, start the instrument and then the following interface will appear.



#### ① Function Selection





knob for adjusting time



time display



energy level display



"start" status display



"stop" status display



rotating button for adjustment

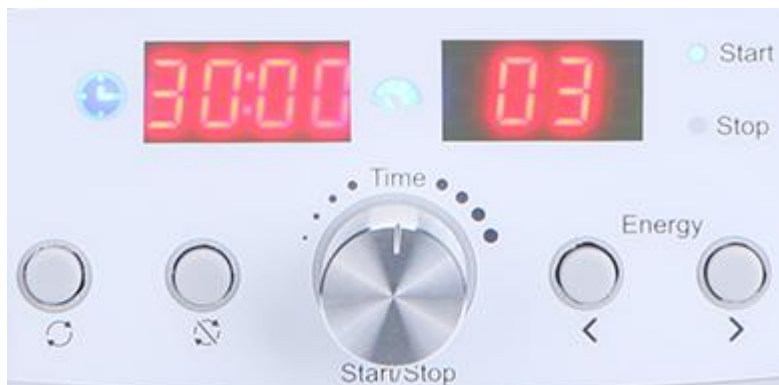


non-rotating button for adjustment



buttons for increasing and decreasing energy level

## ② Detailed Operation of Face 360° Rotating RF



knob for adjusting time



turning to the left side is to decrease time



turning to the right side is to increase time



time display



energy level display



"start" status display



"stop" status display



rotating button for adjustment



non-rotating button for adjustment



buttons for increasing and decreasing energy level



button for increasing energy level



button for decreasing energy level

## 2. Technical Parameters

RF Frequency: 1MHz

Power output: 15j-35j/cm<sup>2</sup>

Consumption: 45W

Rotating frequency: 1080 Rotation /1hour

### 3. User Contraindications

Patients with the following symptoms should be cautious about using this instrument. Please consult a doctor or a professional before using the instrument. The details are as follows:

1. Those who are in pregnancy, menstruation, lactation and recovery from operation.
2. Those with hypertension, heart diseases, diabetes, thyroid diseases, malignant tumors and so on.
3. Those with skin diseases, and infectious diseases or who have sensitive skin.
4. Those whose operative wounds don't heal.
5. Those with epilepsy and hyperthyroidism.
6. Those who are having allergic reactions.
7. Those who have just taken liposuction.
8. Those who are of advanced years.

### 4. Dos and Don'ts

1. Gel must be applied evenly to the treatment area before operation to avoid skin comfort caused by undue heat.
2. Do not wear metal objects and jewellery during the operation.
3. Pay attention to prevent sunburn and avoid direct exposure to sun rays.
4. Do not use this instrument on the areas such as ear, nose, eyeball, and throat.
5. Those with heart diseases, hypertension, infectious skin diseases or who are sensitive to electric current can not use this instrument.
6. Those who have had plastic surgery or filling operation before treatment can use the instrument after they recover or 3 months later. Or people can use this instrument one month before they take plastic surgery.
7. The handle must be in full contact with skin and strength must be applied evenly during the operation to avoid uneven heat.
8. Set the energy level from low to high during the operation to avoid discomfort.
9. Please turn off the instrument and unplug it after operation to prolong its service life.
10. Use tissue to get normal saline to clean the instrument body and the handle after operation to prolong its service life(do not use ethyl alcohol).
11. Put the instrument in the place that is shady, cool and well-ventilated to protect it from high temperature, water penetration and direct exposure to sun rays.
12. Do not turn off the instrument and unplug it after operation.
13. Separate the instrument from hairs and other stuff to avoid possible bad consequences.

### 5. Troubleshooting & Solutions

**1. The instrument cannot be started, and the button light on the back of the instrument does not work?**

- A. Make sure the power cord is connected to the socket with power supply.
- B. Whether the fuse tube on the back of the instrument is loose or blown.

**2. After pressing button, the instrument can not work accordingly?**

- A. Turn off the instrument and restart it.
- B. Unplug the handle and then connect it to the instrument again.

**3. The working head is too hot?**

- A. Please check whether gel or face cream is applied during the operation.

- B. Please check whether the handle is in contact with skin properly.
- C. The treatment last for overly long time.

## 6. FAQs

### 1. Q: How long can I start seeing results of RF treatment?

A: Normally, you can see the treatment results that day when you take the operation or within one week. Skin collagen tissue is heated and then contracts, and you can obviously feel the sensation of skin being tightened. Because RF works to stimulate subcutaneous tissue to promote collagen regeneration, so the more you take the treatment, the more noticeable the effects will be.

### 2. Q: Is RF harmful to skin?

A: RF treatment is non-surgical operation. It stimulates collagen regeneration at the skin bottom and boosts metabolism, and therefore has no damage to the skin. Local redness and hotness are the normal conditions of accelerated blood circulation, which will be relieved after a moment. So there's no need to worry about that.

### 3. Can this treatment be performed on sensitive skin?

A: Yes, it can. But it is recommended that those who are having allergic reactions not take the treatment. Though RF can stimulate collagen regeneration, accelerate blood circulation and lower skin sensitivity, it can cause heat effect that will aggravate redness and swelling if they appear. So this customers can not take this treatment if they are having allergic reactions.

### 4. What else can be applied in conjunction with this instrument?

A: This instrument can work in conjunction with any essence or cream products, by which better results will be delivered. It can help skin absorb liquid nutrients with results tens of times higher than that of rubbing them into skin. Meanwhile, it can also firm and lift skin, and promote metabolism and absorption.

### 5. Will the previous skin problems reappear after the treatment?

A: No. For the fact that RF is used to stimulate collagen regeneration and it is not a surgery or to have filler in the area. Taking this treatment more will help with collagen growth, and so skin will be better. If the treatment is stopped, skin will only return to natural metabolism and ageing, which is not reoccurrence of previous skin problems.

### 6. Does the RF treatment require customers to take it for a long period of time?

A: No. For the fact that RF is used to stimulate fat metabolism and collagen regeneration, the results will be seen every time the customers finish the treatment. Better results will be delivered if customers take several courses of treatment. It is a kind of physical therapy and so it will not make skin thinner or damage it and it will not require customers to use it constantly. The previous skin problem will not reappear if the treatment is stopped for a while. Customer can rest assured.

## 7. Packing List






Main Machine x 1

Power line x 1

Four-polar 360° Rotating RF x 1

Fuse x 1

## 8. Operational Diagrams

Parameter Adjustment	Product	Techniques	Diagrams
<b>Face Anti-aging: 60 minutes 1-2 times a week</b>			
<p><b>Four-polar 360° Rotating RF</b></p> <p>Recommended Energy: 3-7</p> <p>Recommended Time: 10-15 minutes</p> <p>Mode: Rotating mode Non-rotating mode</p>	<p>Makeup Remover+Face Cleanser+Mass age Cream+Essenc e+MS-13R1+Face Mask</p>	<ol style="list-style-type: none"> <li>1. Remove makeup and clean face, 5 minutes.</li> <li>2. Apply base mask for hydration and apply hot steam, 10 minutes</li> <li>3. Wash face clean, 2 minutes</li> <li>4. Apply toner, 1 minute</li> <li>5. Apply massage cream evenly to face and soothe face, 3 times.</li> <li>6. Apply digital pressing on the following acupoints (Ren-24, Du-26, St-4, St-6, LI-20, BL-1, BL-2, EM3, TE-23, the Temple Gb-1, St-1, St-2), 3 times.</li> <li>7. Soothe face, 3 times</li> <li>8. Alternately lift from chin to ear lobe, mouth corner to Ermen(SJ21), and nose wing to temple, lift eye corner from lower eyelid to temple with both hands, 3 times.</li> <li>9. Repeat the technique on the other side.</li> <li>10. Lift towards hairline on forehead, 3 times</li> <li>11. Apply plucking technique with fingers alternately to lift face.</li> <li>12. Apply plucking technique with one hand towards hairline on forehead.</li> <li>13. One side, apply plucking technique with both hands alternately to</li> </ol>	<p>Technique5, 7</p>  <hr/> <p>Technique6</p>  <hr/> <p>Technique8, 18</p>  <hr/> <p>Technique10, 12, 20</p>  <hr/> <p>Technique15</p> 






		<p>lift face, 2-3 minutes</p> <p>14. Repeat the technique on the other side.</p> <p>15. Move in a zigzag motion on forehead with middle and ring fingers, slide to the front side of ears and lift back and forth for 3 times and pass behind ears.</p> <p>16. Wash face clean, 2 minutes</p> <p>17. Apply essence evenly to face, 1 minute.</p> <p><b>18. Four-polar 360° Rotating RF</b> operation, lift from jaw to earlobe, mouth corner to ear center, and nosewing to temple line by line, 3 times</p> <p>19. Repeat the technique on the other side.</p> <p>20. Lift by moving the handle towards hairline on forehead, 3 times.</p> <p>21. Apply face mask, 15 minutes</p> <p>22. Wash face clean, 2 minutes</p> <p>23. Apply toner, essence, face cream and suncream.</p> <p>24. The end.</p>	
--	--	--	--

**Treatment Suggestions**

One course of treatment consists of ten treatment sessions. After one treatment, skin will be obviously tightened. After one course of treatment, skin will be firmed and tightened, face will be slowly plumped up and large pores will be shrank. After three courses of treatment, face contour will be clear, skin elasticity will be increased, fine lines will be smoothed out, the condition of double chin will be relieved and skin will restore youthfulness and skin ageing will be slowed.

**Eye Anti-aging: 35 minutes 2-3 times a week**

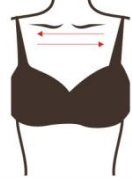

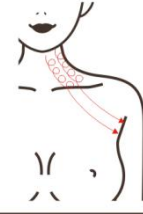
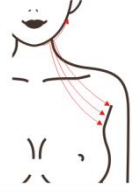

<p><b>Four-polar 360° Rotating RF</b></p> <p>Recommended</p>	<p>Makeup Remover+Face Cleanser+Essence/Eye</p>	<p>1. Remove makeup and clean face, 5 minutes.</p> <p>2. Apply toner, 1 minute</p> <p>3. Rub essence(eye</p>	<p>Technique3</p>
--	---	--	-------------------

<p>Energy: 3-7</p> <p>Recommended Time:10-15 minutes</p> <p>Mode: Rotating mode Non-rotating mode</p>	<p>Cream+MS-13R1+Eye Mask</p>	<p>cream)evenly into the area round eyes by moving in circular motion, 3 times.</p> <p>4. <b>Four-polar 360° Rotating RF</b> operation: set energy level, mode and time. 10 minutes</p> <p>5. Apply lifting technique by moving the handle from lower eyelid to eye corner, 3-6 times</p> <p>6. Apply lifting technique by moving the handle from lower eyelid to temple, 3-6 times</p> <p>7. Apply lifting technique by moving the handle in small circles from lower eyelid to temple, 3-6 times.</p> <p>8. Apply lifting technique by moving the handle from lower eyelid to temple, 3-6 times</p> <p>9. Apply lifting technique by moving the handle from eyebrow to hairline, 3-6 times.</p> <p>10. Repeat the techniques on the other side.</p> <p>11. Wash eye area clean, 1 minute</p> <p>12. Apply eye mask, 15 minutes</p> <p>13. Remove eye mask and wash the area clean, 2 minutes</p> <p>14. Apply eye essence and eye cream</p> <p>15. The end.</p>	 <p>Technique5</p>  <p>Technique6, 8</p>  <p>Technique7</p>  <p>Technique9</p> 
---	-------------------------------	---	--

**Treatment Suggestions**

Taking this treatment 2-3 times a week is recommended. After one treatment, eye area will be lifted and tightened and blood circulation will be accelerated. After one month, fine lines and dark circles will be relieved and skin will be brightened. After three months, eye skin will be fully lifted and rejuvenated with lustre. With constant use, eye ageing will be slowed down and even prevented.

## Neck Anti-aging: 60 minutes once a week

<p><b>Four-polar 360° Rotating RF</b></p> <p>Recommended Energy: 3-7</p> <p>Recommended Time: 10-15 minutes</p> <p>Mode: Rotating mode Non-rotating mode</p>	<p>Makeup Remover+Face Cleanser+Massage Cream+Essence+MS-13R1+Neck mask</p>	<ol style="list-style-type: none"> <li>1. Remove makeup and clean neck, 5 min.</li> <li>2. Apply toner, 1 min.</li> <li>3. Neck massage: rub oil into the chest with both hands to the back of the neck and press Gb-20 and Du-16 acupoint, 3 times.</li> <li>4. Alternately lift the lower jaw and double chin to pass behind the ear and under the armpit, 3 times.</li> <li>5. Push downwards with thumb and index finger splaying, tracing 3 meridians from the neck to the armpit, 3 times.</li> <li>6. Push downwards with 4 fingers, tracing 3 meridians from neck to the armpit, 3 times.</li> <li>7. Push downwards with bending fingers till the neck turns hot and slide to the armpit, 3 times.</li> <li>8. Push downwards with thumb and index finger splaying from outer collarbone to armpit, 3-5 times.</li> <li>9. Do the same on the other side.</li> <li>10. The end</li> <li>11. <b>Four-polar 360° Rotating RF</b> operation: use one hand and the handle to apply lifting technique from double chin area through the back of ear to armpit, 3 times</li> <li>12. Move the handle in circles along three lines on one side of neck to pass under armpit, 3</li> </ol>	<p>Technique3</p>  <hr/> <p>Technique4</p>  <hr/> <p>Technique5, 6, 7, 13</p>  <hr/> <p>Technique11</p>  <hr/> <p>Technique14</p> 
--	---	---	--



		<p>times.</p> <p>13. Slide the handle from outer and inner sides of clavicle to the armpit, 3-5 times.</p> <p>14. Move the handle in circles on the whole neck area, 3 times.</p> <p>15. Repeat the techniques on the other side.</p> <p>16. Apply neck mask, 15 minutes</p> <p>17. Wash neck clean, 1 minute.</p> <p>18. Apply toner, neck essence, neck cream and suncream.</p> <p>19. The end.</p>	
<p><b>Treatment Suggestions</b></p> <p>A course of treatment consists of ten treatment sessions. After one treatment, skin becomes rejuvenated and smooth. After a full course, neck skin becomes smooth, and the neck lymphatic circulation is accelerated. After 2 courses of treatment, skin will be tightened, neck lines will be reduced, and the the condition of double chin will be relieved. After 3 courses of treatment, skin will be firmed with glow, lymphatic detox will be accelerated and some problems will be resolved such as acne and skin dullness. Moreover, skin aging will be prevented and skin will remain in a young state.</p>			