

# User Manual

## MS-11R1



# Preface

Dear users:

We're pleased to present to you MS-11R1 beauty machine featured with ultrasonic fat burning and slimming. It is a multifunctional beauty machine, targeted at problems like accumulated fat, localized fat pocket, etc. We aim at a safe and, at the same time, effective beauty result by using high-end technologies. Ultrasonic beauty machines are skin care machines for professional use, which needs to be handled by professionals with proper training. Any improper use will result in adverse outcomes. Therefore we advise any personnel read this guide 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!

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# Part I

## Brief Introduction

Ultrasonic beauty machines are currently the most popular beauty machines that work on weight loss and body slimming. It's an effective replacement of all the facial and body care programs in beauty salons. Moreover, they are convenient and easy to operate. It solves both skin and body management issues for beauty-lovers. This equipment requires no injection, no medication, no operation, thus having no side-effects. It is used externally during the whole process and has an immediate effect. Ultrasound of special frequency targets at unwanted stubborn cellulite and localized fat pocket, bringing amazing results by dissolving fat cells through ultrasonic body massage .

## Advantages

1. Ultrasonic fat burning replaces and transcends liposuction, bringing good news for treating obesity.
2. Smart detection system allows the device to monitor the change of skin temperature so as to adjust frequencies while dissolving cellulites.
3. It adopts the cutting-edge fat-blasting technology.
4. Painless, non-invasive during the process. No downtime, without affecting any work and life plans.
5. No consumption, low cost and quick returns.
6. Unevenness, bleed, swelling and stasis will not appear after treatment.
7. Portable, and easy to operate; It can be used both at home and beauty salons.
8. Ultrasound targets at unwanted stubborn cellulite, bringing amazing result.

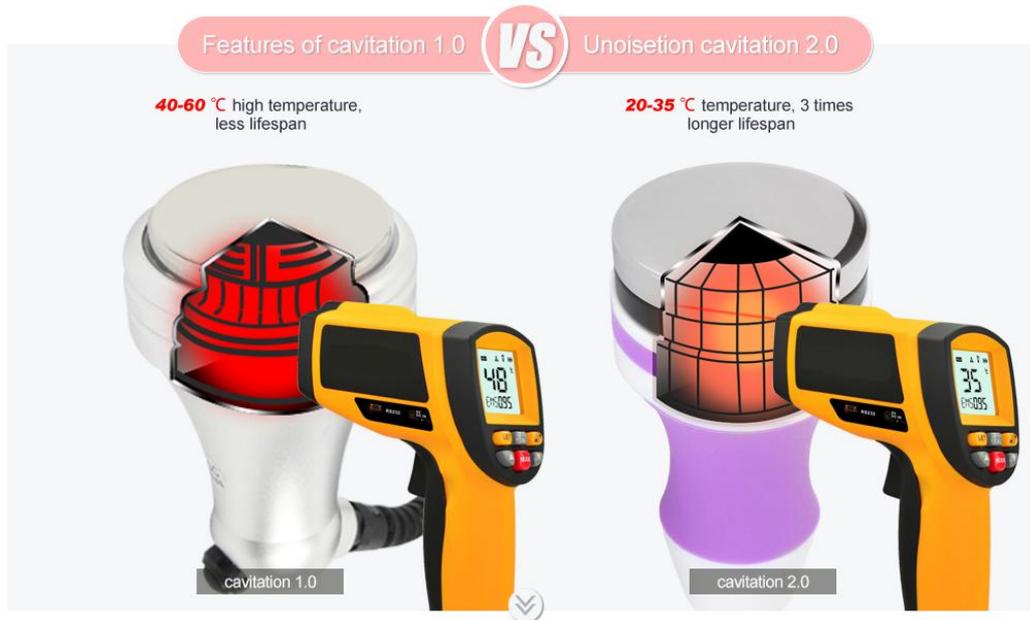
## Principles

Using the sound wave with a frequency of 4 MHz emitted by the strong sound wave head gathering strong sound waves, human adipocytes can produce a strong impact and friction movement between adipocytes after entering the human body, which can effectively consume heat, water and shrink adipocytes. In addition, when sound waves vibrate, it can make adipocytes smaller. Strong crack will come along, cells will burst instantly, adipocytes reduce, so as to achieve the effect of fat removal.

**Cavitation Principle of Ultrasound:** Tens of thousands of tiny bubbles, namely cavitation bubbles, are produced by vibration of liquid. These bubbles grow in the negative pressure region formed by the longitudinal propagation of ultrasound, and close rapidly in the positive pressure region, thus being compressed and stretched under alternating positive and negative pressures. The bubbles will be compressed until burst, which will generate huge instantaneous pressure, generally up to tens of

MPa to hundreds of MPa, and produce strong vibration and noise.

**Advantages:** Ultrasound 2.0 only aim for low-density adipose tissue in a specific frequency, protect high-density tissue such as vascular and nerve tissue so no damage will be done by high temperature.





## Shaping Waist & Abdomen

### Effects

1. Dissolve excess belly fat.
2. Improve protruding belly fat, and love handles.
3. Blast cellulite to help metabolism.
4. Improve the belly fat caused by long hours' sitting.

### Applicable Range

1. Those with postpartum abdominal fat, and protruding fat.
2. Those who sit for long hours and have undesirable waist lines.
3. Those with abdominal obesity caused by binge eating and drinking.
4. Those with thin lower body and fat upper body.

### Inapplicable Range

1. Those with "3 Hs"(hypertension, hyperglycemia, hyperlipidemia) and who have heart disease.
2. Those in pregnancy, menstruation or lactation.
3. Those who have just undergone surgical wounds or convalescents.
4. Those with epilepsy and severe diabetes and hyperthyroidism.
5. Those with malignant tumors, hemophilia or severe bleeding.
6. Those with skin diseases and infectious diseases.

## Notes after Operation

1. Avoid crop top or anything exposing waist and abdomen as well as cold and windy environment.
2. Avoid binge eating or drinking. No alcohol, no spicy and greasy food. Staying up late should be avoided. Drink warm water.
3. Steam sauna, hot spring or strenuous exercise should be avoided within 7 days after operation.
4. Before going to bed at night, you can rub your abdomen clockwise with your hands, so as to better the effect of weight loss and metabolism.

## Shaping Arms

### Effects

1. Dissolve excess fat on your arms and help boost metabolism.
2. Improve bat wings.
3. Improve flabby arms.
4. Improve arm fat accumulation.

### Applicable Range

1. Those with thick arms and want to look better in clothes.
2. Those with bat wing and flabby arms.
3. Those who are prone to have a thin body but thick arms.
4. Those with fat accumulation on arms.
5. Those with thick arms due to lack of arm movement.

### Inapplicable Range

1. Those with hypertension, heart disease, diabetes, serious thyroids, malignant tumor, etc.
2. Those who are in their allergic phase or those with severe sensitive skin.
3. Those with skin wounds or trauma.
4. Those who are over-aging.
5. Those in pregnancy, or convalescents.
6. Those with skin diseases and infectious diseases.

## Notes after Operation

1. Keep warm; avoid cold food or windy environment.
2. Drink more lukewarm water to stay hydrated.

3. Avoid binge eating or drinking. Staying up late should be avoided.
4. Steam sauna, hot spring or strenuous exercise should be avoided within 7 days after operation.

## Shaping Buttocks

### Effects

1. Get rid of unwanted fat.
2. Reduce excessive protruding fat on buttocks.
3. Dissolve fat and boost metabolism.
4. Improve butt shape and make it look better.

### Applicable Range

1. Those with flabby butt and fat accumulation.
2. Those with undesirable hip shape.
3. Those with postpartum buttocks that has too much fat accumulation.
4. Those with big hips caused by fat accumulation and wish to change that.

### Inapplicable Range

1. Those in menstruation, pregnancy, lactation, surgical recovery
2. Those with hypertension, heart disease, diabetes, severe thyroid and malignant tumors.
3. Those with skin diseases, infectious diseases or who is during their allergic phase.
4. Those with wounds or in surgical recovery.
5. Those with severe sensitive skin, or who is during their allergic phase.
6. Those who just undergone liposuction.
7. Those who are over-aging.

### Notes after Operation

1. Keep buttocks warm; avoid miniskirt or shorts.
2. Drink more lukewarm water to stay hydrated; avoid windy environment.
3. Avoid alcohol, binge eating or drinking; Staying up late should be avoided.
4. Avoid cold, raw, spicy food; sleep enough.
5. Steam sauna, hot spring or strenuous exercise should be avoided within 7 days after operation.

## Shaping Legs

## Effects

1. Dissolve excess fat and rid thick legs.
2. Improve pear shape body.
3. Build slender legs.
4. Improve obesity after binge eating.
5. Improve fat accumulation on both sides of the legs.

## Applicable Range

1. Those who like to be fit but not a fan of workout.
2. Those with undesirable leg shape and poor proportion of legs.
3. Those with leg fat accumulation.
4. Those with thick thighs.
5. Those who want to slim their legs but don't want to exercise.

## Inapplicable Range

1. Those in menstruation, pregnancy, lactation, surgical recovery
2. Those with hypertension, heart disease, diabetes, severe thyroid and malignant tumors.
3. Those with skin diseases, infectious diseases or who is during their allergic phase.
4. Those with severe sensitive skin, or who is during their allergic phase.
5. Those who just undergone liposuction.
6. Those who are over-aging.

## Notes after Operation

1. Keep warm after treatment; Avoid cold, raw, spicy food or windy environment.
2. Drink more lukewarm water to stay hydrated so as to boost metabolism.
3. Avoid binge eating or drinking; Staying up late should be avoided.
4. Steam sauna, hot spring or strenuous exercise should be avoided within 7 days after operation.
5. It's advised to wear pants after treatment; Avoid miniskirt or shorts.

## Body Sculpting

### Effects

1. Dissolve excess belly fat and love handles.
2. Blast cellulite to help metabolism.
3. Improve the belly fat caused by long hours' sitting.
4. Improve bat wings.

5. Improve arm fat accumulation.
6. Improve pear shape body.
7. Build slender legs.
8. Improve obesity after binge eating.
9. Improve fat accumulation on both sides of the legs.

## **Applicable Range**

1. Those who sit for long hours and have undesirable waist lines.
2. Those with thin lower body and fat upper body.
3. Those with thick arms and want to look better in clothes.
4. Those with bat wing and flabby arms.
5. Those with fat accumulation on arms.
6. Those who like to be fit but not a fan of workout.
7. Those with poor proportion of body shape.
8. Those with leg fat accumulation.
9. Those with postpartum body fat accumulation, and unfit body shape.
10. Those who want to lose weight but don't want to exercise.

## **Inapplicable Range**

1. Those with "3 Hs"(hypertension, hyperglycemia, hyperlipidemia) and who have heart disease.
2. Those with epilepsy and severe diabetes and hyperthyroidism.
3. Those with malignant tumors, hemophilia or severe bleeding.
4. Those with severe sensitive skin, or who is during their allergic phase.
5. Those with skin trauma or wounds.
6. Those who are over-aging.
7. Those with skin diseases and infectious diseases.
8. Those in pregnancy, menstruation or lactation or convalescents.
9. Those who just undergone liposuction.

## **Notes after Operation**

1. Avoid wearing crop top, miniskirts or shorts, and avoid getting cold from the wind.
2. Avoid alcohol, binge eating, drinking, or staying up late.
3. Avoid sauna, hot spring or strenuous exercise for 7 days after operation.
4. Before going to bed at night, you can knead your abdomen clockwise with your hands to make the metabolic effect of weight loss better.
5. Drink more lukewarm water to stay hydrated.
6. Keep warm after operation, and do not consume cold food.
7. Drink plenty of hot water to hydrate and speed up metabolism.

# Part II

## 1. Detailed Operation

Detailed installation is as follows:



- 1: Ultrasonic wire jack
- 2: Power button
- 3: Fuse
- 4: Power jack

The interface is as follows:



Working Time



Energy



Energy +/- (range: 1-10)



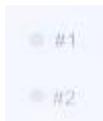
Mode



#1 is consecutive mode, the probe emits energy after turning on the device, suitable for those with fat accumulation and thick layers of fat



#2 is intermittent mode, the probe emits energy intermittently after turning on the device, suitable for first-time users or those take longer to adapt



Mode Indicator, turns on after selecting



Time +/- (turn left to decrease time, turn right to increase time)



Click to start

## 2. Technical Parameters

Both 110v and 220v voltage version are available.

Also we stock the USA, UK, AU, EU plug to suit for the country all over the world

Frequency: 50/60Hz

Technology: Cavitation 2.0 unoisetion

Cavitation frequency:40KHz

Power:120W

### 3. Safety Precautions

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 pregnant or lactating.
2. Those with heart disease or who are equipped with pacemaker.
3. Those whose wounds have not healed and who are recovering from the operation.
4. Those with epilepsy, severe diabetes and hyperthyroidism.
5. Those with malignant tumor, hemophilia or severe bleeding.
6. Those with skin diseases and infectious diseases.
7. Those with liver disease and gallstones.

### 4. Dos and Dont's

1. Use a grounding pin and make sure the power socket of the device is properly connected before each operation.
2. Ensure that the voltage of the device is appropriate. If the voltage of the local power supply is unstable, we recommend that users increase to the matching power voltage.
3. In order to ensure the therapeutic effect and normal service life expectancy of the device, please use the specified accessories provided or recommended by the original manufacturer.
4. The device should not be placed in wet environment or near water, nor should they be directly exposed to sunlight.
5. Do not place the device near a strong heat source, because this may affect the life and normal use of the device.
6. Please restrain from using the device on eyes, thyroid, parathyroid, testicles, abdomen of pregnant women, and pacemakers.
7. Patients who are suffering from illness should consult with a doctor and gain permission from the doctor before using.
8. Please turn off the power switch of the device, and ensure that the total power supply of the device is turned off before the staff leaves after daily use, so as to ensure the safety of the electrical products.
9. Use device or train device operators in strict accordance with instructions in the user manual.
10. When taking other weight-loss drugs, it is recommended to stop taking them for 1 to 2 months before treatment. Extension of the course of treatment is recommended if you wish to lose weight immediately.
11. Don't use the instrument with an empty stomach. After a full meal, wait at least 1 hour before a course of weight loss treatment.
12. Start from the lowest energy level and slowly add up.
13. When using this device, the operating parts must be kept moist and dry skin

should be avoided.

14. Clean the instrument with normal saline after operation to ensure its cleanliness and hygiene and prolong its service life.

## 5. Troubleshooting & Solutions

### 1. The instrument cannot be started, but the key light on the back of the instrument does not work?

A. Make sure the power cord is connected to a valid power socket.

B. Whether the fuse tube on the back of the instrument is loose or burnt out.

### 2. No energy output?

A. Please check whether the handle is connected with the instrument and if it's damaged.

B. If the above methods cannot be addressed, please contact the instrument dealer for assistance.

## 6. FAQs

### 1. Q: How long does one body sculpting treatment take?

A: One treatment time is 30 minutes. We will combine professional techniques and instruments to achieve remarkable results.

### 2. Q: Which one is better in terms of weight loss, liposuction or this machine?

A: The principle of liposuction is to suck out the excess fat in one part of the body through the method of negative pressure suction, so as to achieve the purpose of rapid weight loss on parts of the body. It achieves fast results, requires anesthesia, recovery period. It falls under the category of surgery operation and comes with risks. However, our machine is risk-free and has no side effects.

### 3. Q: Will I experience rebound after operation?

A: Ultrasound fat removal works by dissolving fat to reduce weight, and are not prone to rebound. Because what's dissolved through ultrasound treatment is fat, not water. The formation of fat needs a longer period of time to accumulate, so it is not prone to rebound.

### 4. Q: Do I need to be on a diet?

A: Pay attention to what you eat. Because ultrasonic treatment end with blasting adipose and accelerated metabolism. It's best to avoid to eating spicy, oily, or fried food to avoid affecting regular metabolism. Also proper workout and sweating help with the process, in a way weight loss will be more visible as well.

**5. Q: Can ultrasound be operated all over the body?**

A: Ultrasonic cavitation ruptures fat cells and causes mechanical disruption of fat cell membrane. Liquefied fat cells then cleared away by metabolic pathways. Our heart is a hollow organ, and sensitive to high frequency sound waves. Back and forth reflex occur due to the fact that muscle tissue and blood in the heart do not conduct sound waves in the same way. The reflex force can detach cardiac valves from cardiac muscles. If directed at the eye, it can cause retinal detachment. In a word, avoid eye and heart area when using ultrasonic beauty device. (It is also advised not to use it on waist, back and chest.)

**6. Q: Does ultrasound have side effects on human body?**

A: Ultrasonic beauty machine requires no surgery, no opening up and no anesthesia, therefore is indeed non-invasive. It relies on ultrasound (mechanical sound wave) - blast fat through cavitation - ultrasound focusing. And the results are fat smash - fat dissolving - skin firming and body sculpting respectively. It only targets at low density fat cells while leaving high density tissues like blood vessels intact, therefore having no side effects on human body. Slight tinnitus might appear to happen during the treatment, which is within normal range so there's no need to worry.

**7. Q: Why does tinnitus occur?**

A: It's because ultrasound comes with a high frequency vibration, which could go up to 20KHz. It also goes deep into skin fat layers, which could go down to 20mm below epidermis. Highly intensifies ultrasound cause high speed friction among fat cells, resulting in them bursting and heating up, and eventually emulsified. And during the process, ultrasound can cause microvibration to the tissue that make us feel like as "tinnitus".

## **7.Packing List**

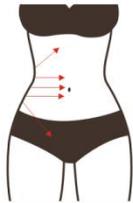
1x Main Machine

1x 40K cavitation probe

1 x Base

1x Power cord

## **8. Operational Diagrams**

Parameter Adjustment	Product	Techniques	Diagrams
<b>Shaping Waist&amp;Abdomen: 20 min, 2-3times/week</b>			
Ultrasonic energy: 20%-80%	Hot towel+ Ultrasonic gel+ MS-11R1	<ol style="list-style-type: none"> <li>1. Clean the waist and abdomen with hot towel, 2 min.</li> <li>2. Apply gel evenly on the treatment area, 2 min.</li> <li>3. Ultrasound operation: starting from one side of the waist, lift the probe to abdomen and groin in parallel lines, 3 times.</li> <li>4. Repeat the previous technique on the other side, 3 times.</li> <li>5. Move the probe on abdomen in small circular motions, 3 times.</li> <li>6. Move the device on abdomen in big circular motions, 3 times.</li> <li>7. Move the probe up and down to shape the waist, 3-5 times.</li> <li>8. Clean the treated area with hot towel.</li> <li>9. (Apply body lotion if needed.)</li> </ol>	<p>Technique3</p>  <hr/> <p>Technique5</p>  <hr/> <p>Technique6</p>  <hr/> <p>Technique7</p>  <hr/>

**Suggested Treatment:**

It is advised to do it 2-3 times per week at early stages. Visible changes will be seen after one month consecutive treatments. Excessive fat cellulite will slowly disappear. Switch to once a week to enhance the effect of body shaping after reaching the ideal state.

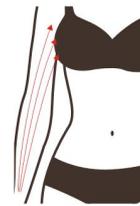
**Shaping Arms: 30 min, 2-3times/week**

Ultrasonic energy:  
20%-80%

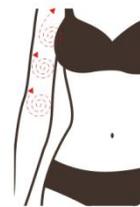
Hot towel+  
Ultrasonic gel+  
MS-11R1

1. Clean the arms with hot towel, 2 min.
2. Apply gel evenly on the treatment area, 2 min.
3. Device operation: Lay arms flatwise and start from fat part of the lower arm, moving the probe towards the underarm, 5-8 times.
4. Move the device in small circles on the fat part of the arm, 5-8 times.
5. Double the operation on flabby arms if needed, 3 times.
6. Move back and forth to dissolve arm fat, 5-8 times.
7. Do the same on the other side.
8. Clean the treated area with hot towel.

Technique3



Technique4



**Suggested Treatment:**

It is advised to do it 2-3 times per week at early stages. Visible changes will be seen after one month consecutive treatments. Excessive fat cellulite will slowly disappear. Switch to once a week to enhance the effect of body shaping after reaching the ideal state.

**Shaping Buttocks: 30 min, 2-3times/week**

<p>Ultrasonic energy: 20%-80%</p>	<p>Hot towel+ Ultrasonic gel+ MS-11R1</p>	<ol style="list-style-type: none"><li>1. Clean the buttocks with hot towel, 2 min.</li><li>2. Apply gel evenly on the treatment area, 2 min.</li><li>3. Device Operation: Move the probe in small circles around fat part of the buttocks, 5-8 times.</li><li>4. Lift upwards from the thigh root to buttocks, 5-8 times.</li><li>5. Move the probe in small circles around fat part of the buttocks, 5-8 times.</li><li>6. Do the same on the other side.</li><li>7. Clean the treated area with hot towel.</li></ol>	<p>Technique3</p>  <hr/> <p>Technique4</p> 
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**Suggested Treatment:**

It is advised to do it 2-3 times per week at early stages. Visible changes will be seen after one month consecutive treatments. Excessive fat cellulite will slowly disappear. Switch to once a week to enhance the effect of body shaping after reaching the ideal state. Try to focus on the fat part around the buttocks but not the middle.

**Shaping Legs: 30 min, 2-3times/week**

Ultrasonic  
Energy:  
20%-80%

Hot towel+  
Ultrasonic  
gel+  
MS-11R1

1. Clean the buttocks with hot towel, 2 min.
2. Apply gel evenly on the treatment area, 2 min.
3. Device operation: Move the probe in small circular motions on the fat part of the lower leg, 5-8 times.
4. Move up and down on the fat part of the lower leg, 5-8 times.
5. Move the probe evenly in small circles on the upper leg, 5-8 times.
6. Move up and down on the fat part of the upper leg, 5-8 times.
7. Scrape off the remaining gel and clean the treated area with hot towel.

Technique3



Technique4



Technique5



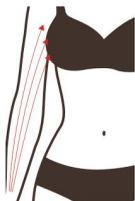
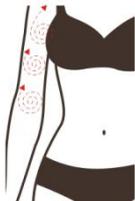
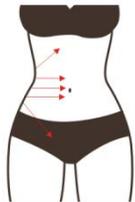
Technique6

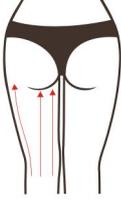


**Suggested Treatment:**

It is advised to do it 2-3 times per week at early stages. Visible changes will be seen after one month consecutive treatments. After two months, circulation is accelerated and excessive fat cellulite will slowly disappear. Switch to once a week to enhance the effect of body shaping after reaching the ideal state.

**Body Sculpting: 70 min, 2-3times/week**

<p>Ultrasonic Energy: 20%-80%</p>	<p>Hot towel+ Ultrasonic gel+ MS-11R1</p>	<p><b>Arms</b></p> <ol style="list-style-type: none"><li>1. Clean the arms with hot towel, 2 min.</li><li>2. Apply gel evenly on the treatment area, 2 min.</li><li>3. Device operation: Lay arms flatwise and start from fat part of the lower arm, moving the probe towards the underarm, 5-8 times.</li><li>4. Move the device in small circles on the fat part of the arm, 5-8 times.</li><li>5. Double the operation on flabby arms if needed, 3 times.</li><li>6. Move back and forth to dissolve arm fat, 5-8 times.</li><li>7. Do the same on the other side.</li><li>8. Clean the treated area with hot towel.</li><li>9. (Apply body lotion if needed.)</li></ol> <p><b>Abdomen</b></p> <ol style="list-style-type: none"><li>10. Clean the waist and abdomen with hot towel, 2 min.</li><li>11. Apply gel evenly on the treatment area, 2 min.</li><li>12. Ultrasound operation: starting from one side of the waist, lift the probe to abdomen and groin in</li></ol>	<p>Technique3</p>  <p>Technique4</p>  <p>Technique12</p>  <p>Technique14</p>  <p>Technique15</p> 
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		<p>parallel lines, 3 times.</p> <p>13. Repeat the previous technique on the other side, 3 times.</p> <p>14. Move the probe on abdomen in small circular motions, 3 times.</p> <p>15. Move the device on abdomen in big circular motions, 3 times.</p> <p>16. Move the probe up and down to shape the waist, 3-5 times.</p> <p>17. Clean the treated area with hot towel.</p> <p>18. (Apply body lotion if needed.)</p> <p><b>Legs</b></p> <p>19. Clean the buttocks with hot towel, 2 min.</p> <p>20. Apply gel evenly on the treatment area, 2 min.</p> <p>21. Device operation: Move the probe in small circular motions on the fat part of the lower leg, 5-8 times.</p> <p>22. Move up and down on the fat part of the lower leg, 5-8 times.</p> <p>23. Move the probe evenly in small circles on the upper leg, 5-8 times.</p> <p>24. Move up and down on the fat part of the upper leg, 5-8 times.</p> <p><b>25.</b> Scrape off the remaining gel and clean the treated area with hot towel.</p>	<p>Technique16</p>  <hr/> <p>Technique21</p>  <hr/> <p>Technique22</p>  <hr/> <p>Technique23</p>  <hr/> <p>Technique24</p> 
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**Suggested Treatment:**

It is advised to do it 2-3 times per week at early stages. Visible changes will be seen after one month consecutive treatments. After two courses, excessive fat cellulite will slowly disappear. Switch to once a week to enhance the effect of body shaping after reaching the ideal state.