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# HighTech Combi Slim WKB004

**Cavitation + Radiofrequency**

# HighTech

# WKB004

## Cavitation + Radiofrequency

## INSTRUMENT

Cavitation and bipolar radiofrequency digital instrument with touch screen. Ideal for face and body beauty treatments.

- 1 cavitation handle
- 1 big RF handle (body)
- 1 medium RF handle (face)
- 1 small RF handle (face)
- 1 main unit
- 1 power cord

**Note:** This instrument is delivered with a thin adhesive film protecting the touch screen against possible scratches that may occur during transport. This film can be removed after unpacking.

# HighTech WKB004

## Cavitation + Radiofrequency

Instrument designed for non-invasive treatments to reduce the fat deposits in the body and cellulite by means of cavitation, as well as to access the deepest layers of the dermis to improve the skin tone and its elasticity through radiofrequency.

Equipped with 3 handles for bipolar radiofrequency (4 pins) and 1 for cavitation (2 pins).



# HighTech WKB004

Cavitation + Radiofrequency

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## CONNECTION DETAILS

Connect as follows, from left to right: Power cord (200-240V 50Hz). Handles connections: Cavitation, Facial radiofrequency and Body radiofrequency.



The acrylic structure to be installed at the back part of the instrument is designed to store the handles, in order to avoid any possible accidents or falls.



To switch on the device, press the button on the front panel and then click on the Weelko logo on the touch screen to select the desired menu. Choose the function "Face or Body", for radiofrequency, or "Cavitation", if you want to use the cavitation function.

First, choose the treatment to perform:

- Face: Facial radiofrequency, medium and small handle of radiofrequency.
- Body: Body radiofrequency handle.
- Cavitation: Cavitation handle, for cavitation body treatments.
- Mode: Wave emission (continuous, pulsed and combined).
- Level: Controls the intensity of treatment, from 0 to 10. For radiofrequency, it will depend on the customer's tolerance, going from less to more to avoid getting burnt. For cavitation treatments, it will be adjusted depending on the width of the area to be treated and the heat generated; always check with your customer that the intensity is appropriate during the treatment.
- Time: Allows adjusting the treatment time.
- Play and Pause: To begin or to pause the treatment.



HighTech is a multifunctional digital beauty instrument equipped with touch screen, which combines 2 functions: cavitation and bipolar facial and body radiofrequency.



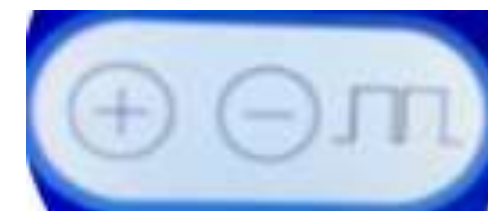
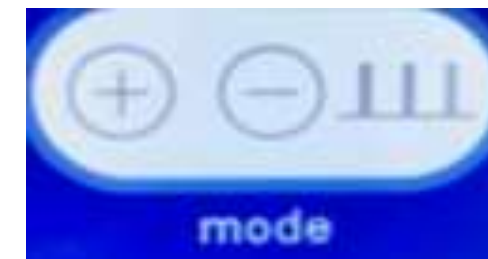


# Mode

**Continuous:** To be used on large areas and with great fat accumulation. Bigger wave emission, it generates more heat boosting the effects of both cavitation and radiofrequency functions.

**Pulsed:** To be used on small areas with low fat accumulation. Smaller wave emission, consequently the heat generated and the effects will be smaller too. It can also be used on areas with prominent bone tissue.

**Combined:** Mid-point between combined and pulsed wave emissions.



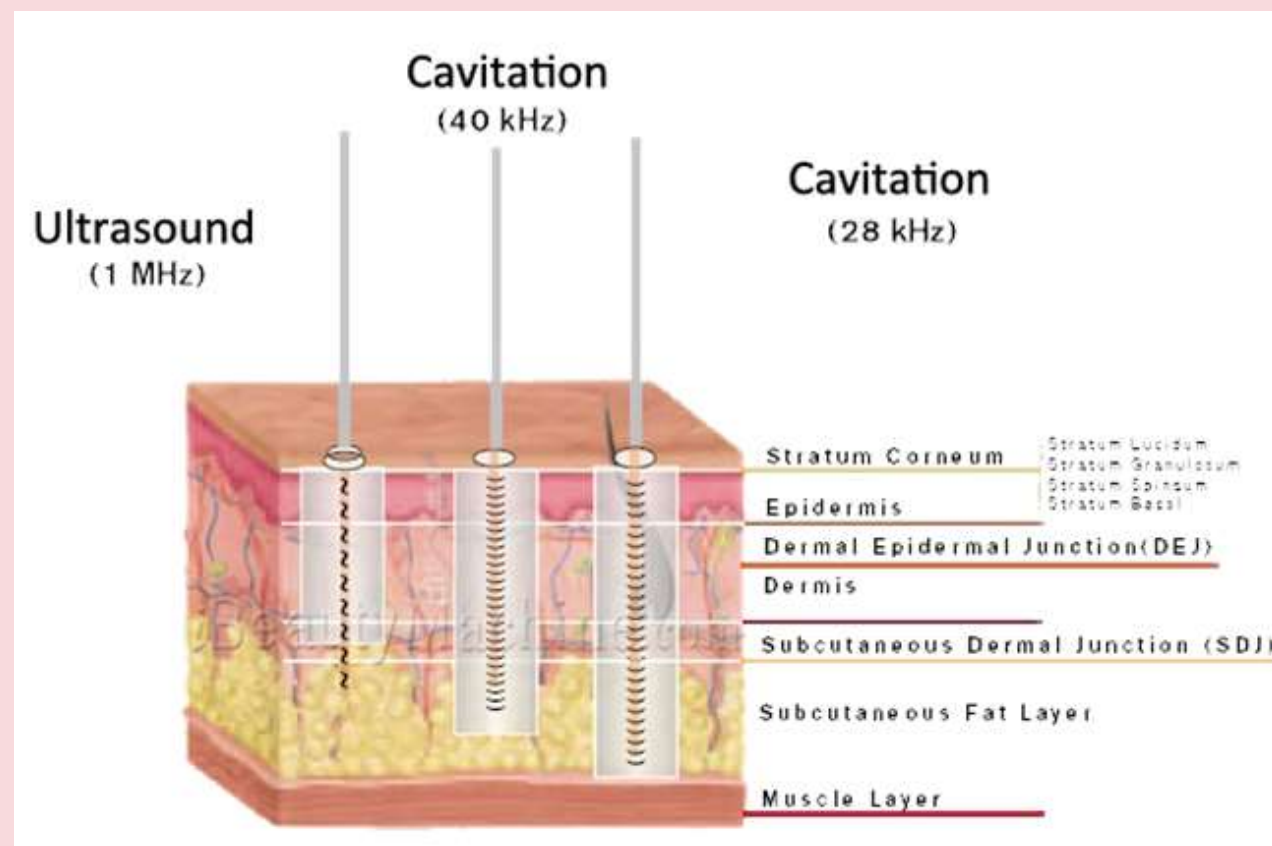
# HighTech WKB004

## Cavitation



The High Tech technology has been designed to eliminate localized fatness.

It generates cavitation by ultrasonic waves which pass through the skin entering directly into the fat tissue and causing changes in the interstitial and fat tissue. Vibrating and imploding micro-bubbles generate shock waves inside the fat tissue.

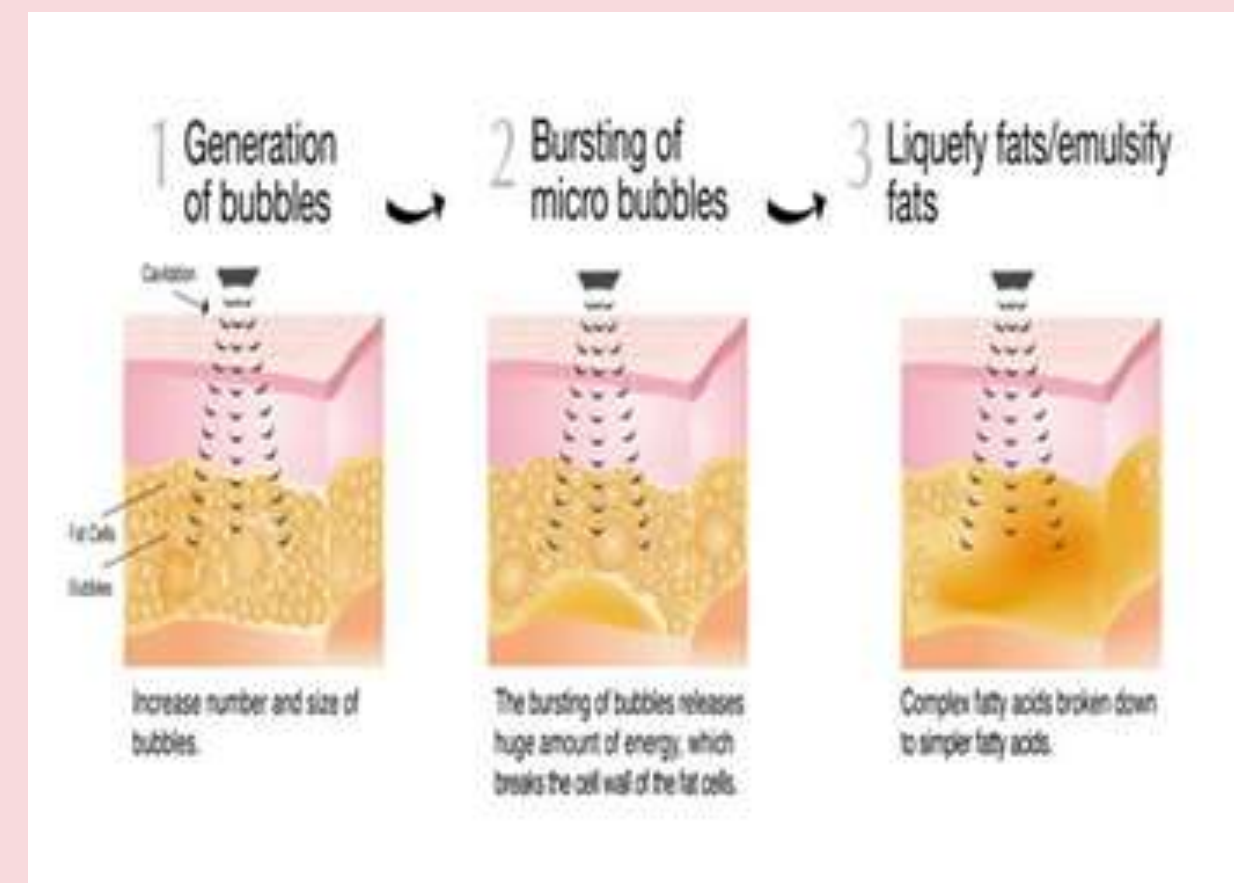


The WKB004 instrument has a cavitation frequency of 40Khz, which means a stronger wave will penetrate the fat tissue leading to faster results.

This feature gives an idea of the micro-bubbles' dimension, which are directly proportional to the cavitation frequency (the lower the frequency, the bigger the bubble). That's why the necessary energy to implode the bubble will be bigger (the greater the frequency, the smaller the bubble). This will determine the intensity and effectiveness of the treatment.

# Cavitation

When the wave reaches the fat tissue, vibrating micro-bubbles are generated. They grow and implode creating shock waves inside the fat tissue which produce heat and cause the rupture of the membranes of the adipose cells (mostly triglycerides). These fatty acids will be filtered in a semi-liquid form into the interstitial space and finally into the bloodstream.



# Cavitation benefits

## HIGHTECH WKB004

- The big handle (6,8 cm) allows to cover larger areas.
- It's a safe equipment, non-invasive and a good ally against cellulite and fat reduction since the first session.
- It's a painless treatment.
- Combined with a healthy lifestyle, it can make a positive contribution to body contouring.
- Each treatment is usually short in duration and highly effective.



# Indications



Cavitation is a complement for the reduction of fat deposits which are difficult to eliminate through diet or physical exercise. This is not a weight-loss treatment. Recommended use on abdomen, waist, hips, buttocks, thighs and knees.

To achieve greater results, the patient should eat healthily, practice regular physical activity and drink plenty of water before and after each session, at least 1,5 litres.

To avoid the increase of triglyceride levels in the blood, the professional must monitor these treatment guidelines.

# Treatment protocol



- A prior assessment of the patient must be made before the first session: make a photographic record, measure the contour in centimeters and the adiposity by means of a skinfold caliper to determine if it is suitable for the use of cavitation ( $\geq 3\text{cm}$ ).
- Mark the area to be treated.
- Apply enough transparent conducting gel (as thicker as possible) and place the handle on the skin. The protocol differs depending on the area to be treated.
- The handle must never stop moving. It can't be left fixed on a specific area either, as it may produce burns on skin.
- To work on the abdomen, the patient is laid in a supine position and the handle is tilted up to 45 degrees, so that the internal organs are not directly affected. To work on the waist, flanks and the lateral sides of thighs, the patient will be placed in lateral position.
- To treat thighs and arms, place the handle vertically.
- During the treatment, the handle must always be in contact with the skin.



# APPLICATION PROTOCOL

- The movements we make will ensure the effectiveness of the treatment. It is, therefore, very important to perform an upward movement, following the natural drainage of the body, when treating the legs.
- The recommended application time on each area must not exceed 20 minutes. In any case do not extend treatment beyond 40 minutes.
- The number of sessions can vary between 5 to 10, once or twice a week, with a time interval of 3-4 days. The treatment time will depend on the thickness of the adipose panicle, the area to be treated, the customer's metabolism and his/her willingness to achieve the best results.



After a cavitation session, part of the substances will be eliminated naturally during the first 24 hours through the lymphatic system. However, most of the lipids will remain in the body. To metabolize them and avoid any absorption, it is important to combine the use of cavitation with some of the following treatments:

- Pressotherapy (HighTech Air WKB001)
- Radiofrequency
- Manual lymphatic drainage
- Massage
- Physical exercise

# THE NOISE

Since cavitation performs on the threshold of human hear, a pitch beep can be audible. It is harmless but it may be unpleasant.

It is due to the harmonics in the frequency waves, which cause a wave distortion.



# Contraindications

- People with pacemakers or other implanted electronical devices.
- Severe hypertension or heart diseases.
- Hypercholesterolemia or hypertriglyceridaemia.
- Hepatic and renal failure or other liver diseases.
- Pregnancy and breastfeeding.
- Children under the age of 18.
- Obese people.
- Cancer patients or people receiving medical treatment.
- Non-controlled diabetics.
- Application on areas with metallic prosthesis.
- People with epilepsy.
- People with hearing disabilities.
- Application on broken or infected skin (ulcers, psoriasis, skin burns, amongst others).
- People with infectious processes or fever.
- Phlebitis, large varicose veins.
- Neoplastic processes.
- Application on ovaries, heart and head.
- Caution with people having and IUD (intrauterine device) when applied on the abdomen.

# HighTech WKB004

## Radiofrequency

The HighTech RF technology emits electromagnetic waves which pass through the skin. They can rapidly change the polarity of the electric field which attracts and repels charged electrons and ions in the dermis and the subcutaneous tissue.

As both polarities can be found on the same handle, the natural resistance of the tissue (impedance) to this movement generates heat, rising the temperature of the fibroconnective tissue and concentrating the energy on this area.

The thermal effect on the dermis stimulates the new formation of collagen fibers and fibroblast cells, giving firmness and tone to the skin.

This heat also activates the blood circulation and improves the oxygenation of tissues.

# HighTechWKB004

## Radiofrequency

The bipolar radiofrequency of the WKB004 has multiple polarities on the same handle. This promotes a continuous polarity change which generates heat and allows working on a specific area.

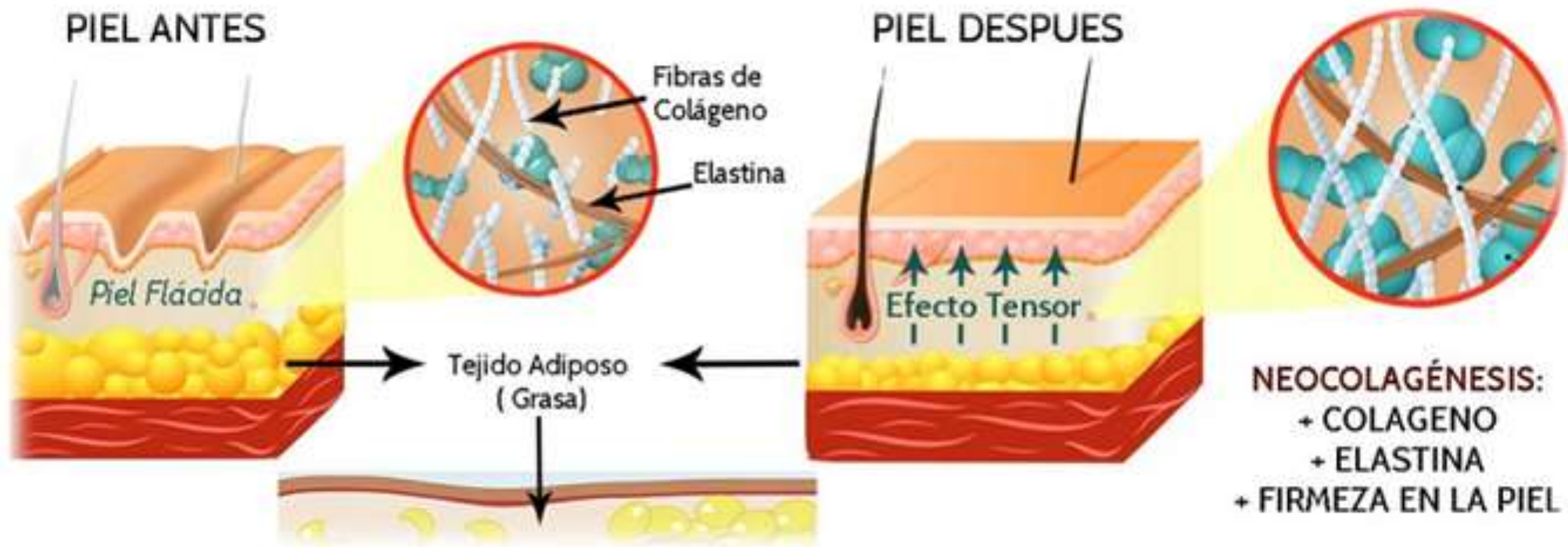
Not having a return plate, the energy is not spread through the body, on the contrary, it is concentrated on the area to be treated, which leads to a higher effectiveness.

It is a painless and non-invasive treatment to improve skin's tone and elasticity. By means of a unique heating technology at 1MHz, it stimulates the formation of new collagen and boosts fibroblasts migration improving skin tone and local blood circulation.

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Collagen shrinkage and tissue stretching are a consequence of the new production of collagen and elastin.



Fibra de colágeno con efecto del sol y el envejecimiento



Fibra de colágeno en tratamiento cosmético habitual



Fibra de colágeno con el efecto del tratamiento RF sobre la piel



# Benefits of HighTech WKB004

## Radiofrequency

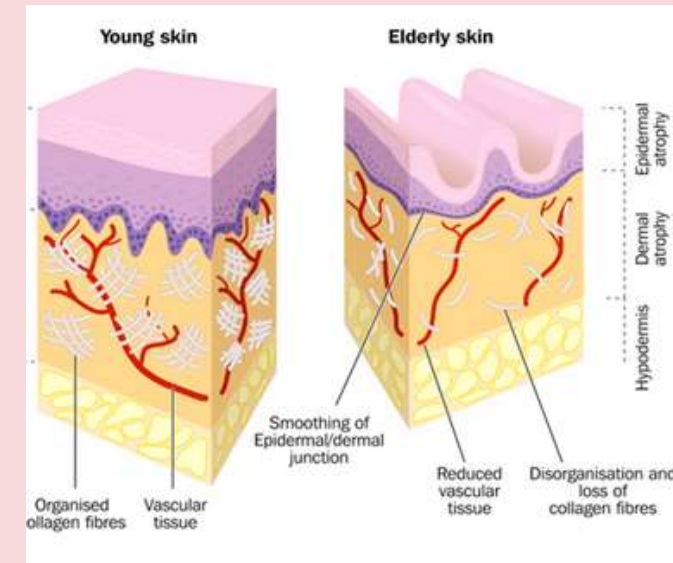
- Visible results from the very first session and gradually increasing as days pass by. This is because the collagen shrinkage and the formation of new fibers is progressive.
- The radiofrequency can be used for facial and body treatments. Very complete device, visibly improves skin appearance.
- Deep heat helps remove fat, cellulite and reduces body flaccidity. Thus, this is a complementary treatment of cavitation.

# Benefits of HighTech

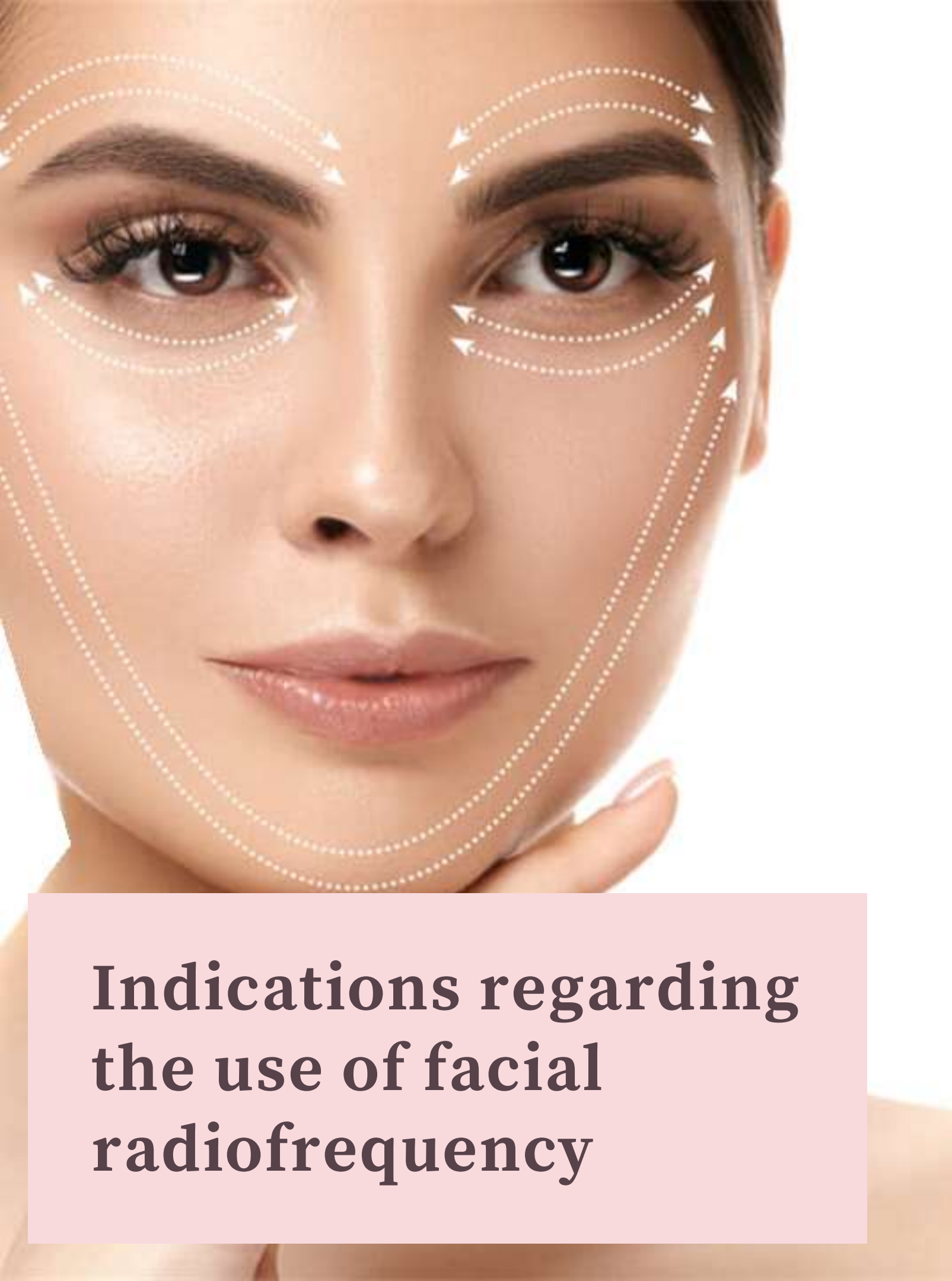
## WKB004

### Radiofrequency

- Increases blood circulation, which leads to a greater oxygenation of tissues. Promotes natural lymphatic drainage, removing fat deposits, liquids and toxins produced by cellulite.
- Stimulates collagen and elastin restructuring and formation.
- Strengthens the subcutaneous tissue, leaving the skin firmer, smoother and brighter.
- Helps restructuring the fibers of internal tissues.







## Indications regarding the use of facial radiofrequency

- Suitable for all types of skin.
- Slight and moderate facial, neck and neckline flaccidity.
- Skin reaffirmation.
- Eye and lips contour, forehead, cheekbones, chin, double-chin, neck and neckline. Avoid all contact with the mucous membranes and eyes.
- Double-chin (one of the features that can cause the rest of the face to appear more aged than it really is). Reduces the fat on this area.
- Restores firmness, elasticity and smoothness of the skin.
- Reduces fluid retention, eye bags and dark circles.
- Indicated for aged skins, with lack of hydration and luminosity.
- Reaffirms the facial contour.
- Softens fine lines and wrinkles.
- Post-acne scars.
- Improves oxygenation of the skin.
- Stimulates the circulatory system.



A pre-treatment facial skin test is required to diagnose any kind of problem. A photographic record is recommended too. Some days before the radiofrequency treatment begins, the skin can get prepared by any of the following treatments:

- Deep cleansing facial (HighTech Comby hidro WKB005)
- Microdermabrasion ○
- Ultrasonic peeling ●
- Gentle face chemical peel, non-aggressive, prior to treatment

○ HighTech Comby hidro WKB005, F319A, F834, F336, F332, F334, F336A, F336B

● HighTech Comby hidro WKB005, F311A, F808, P03, P03A, F332, F334, F335, F335A

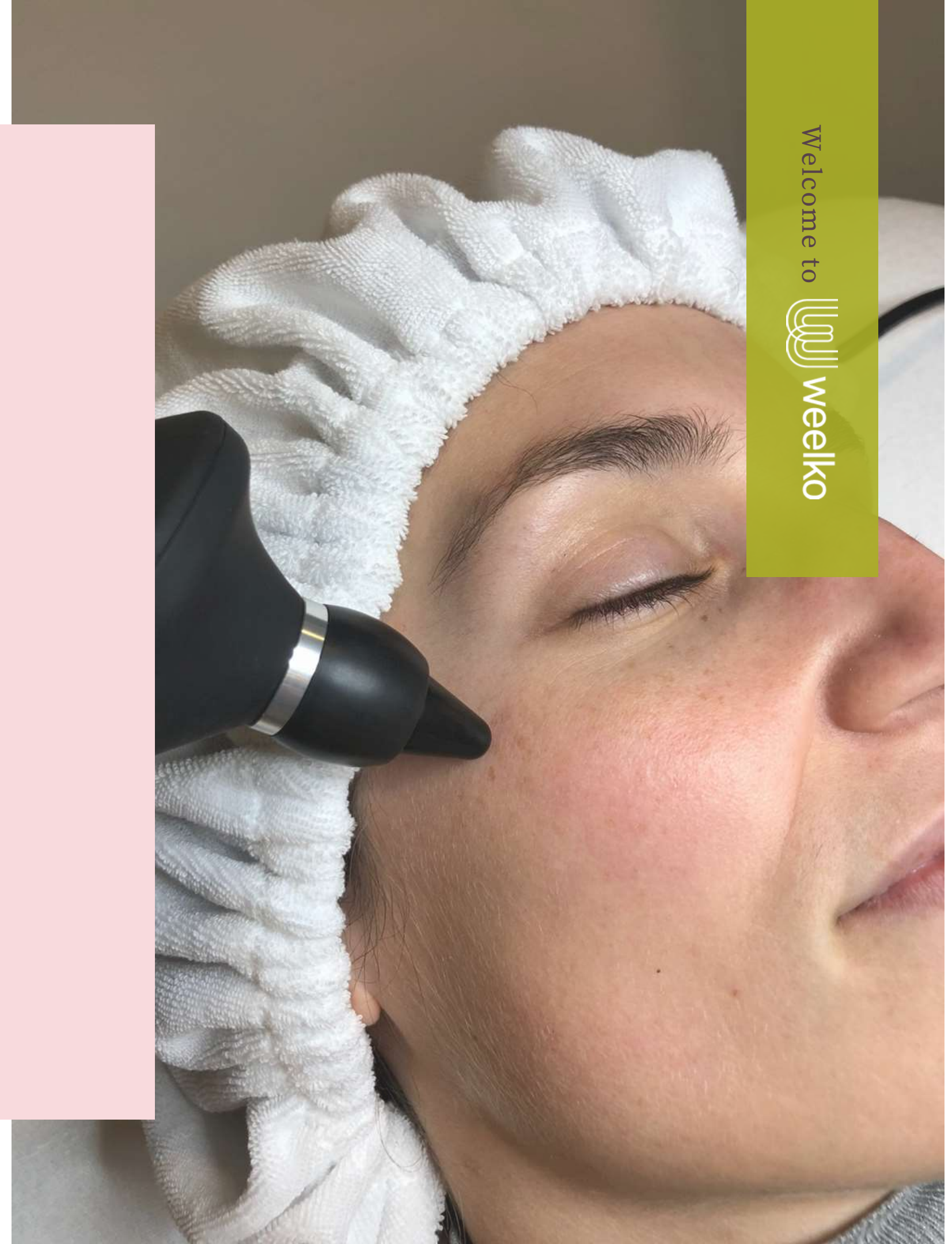
# Treatment protocol for facial radiofrequency

- Before starting the facial RF treatment, remove makeup or any type of cream, oil or sunscreen.
- The customer must not wear metal parts near the area to be treated (earrings, jewellery).
- The use of glicerine, creams or ionizable bottles, especially for radiofrequency and which can be diluted in gel, is recommended. Do not apply only conducting gel. As it is very watery, it transmits the heat more easily, which could produce a skin burn.
- After applying the conducting lotion, keep a constant movement of the handle upwards.



# Treatment protocol for facial radiofrequency

- The heat must be adapted to the customer's tolerance and it must be adjusted progressively. It must create a cosy feeling of warmth.
- Length of the session is 10 minutes (maximum 20 minutes).
- 5 to 10 sessions can be done, once a week or every 14 days. The treatment and number of sessions will be determined by the type of skin and the results to achieve.
- At the end of the session, apply moisturizing or refreshing creams to complement the treatment.
- When the goal is achieved, maintenance sessions can be performed.





## Cautions

- The use of sunscreen is recommended after each session.
- Drink at least 1,5-2 liters of water a day to keep skin hydrated.
- Daily skin care routine is recommended. Use creams suitable for your type of skin.
- Facial skin is more delicate and is more likely to get burnt. The RF handle must never stop moving. Keep it always in fast and constant movement.
- In case of burns, apply immediately an emergency burn-care product and stop the treatment.
- In some cases, the treatment can cause skin redness, rash, irritation or swelling. These symptoms may improve over time.
- The use of excessively high temperatures can produce the opposite effect to the one desired.

Due to the effect of the radiofrequency electromagnetic fields, it is very important to keep tissues hydrated. This will allow a correct penetration and absorption of energy.

For dehydrated skins, a previous hydration treatment should be carried out to avoid a more severe dehydration and to achieve better results.

That is why drinking plenty of water and keeping the skin well moisturised is extremely important before and after the radiofrequency treatment.

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# Indications regarding the use of body radiofrequency

- Helps bring firmness back to the abdomen, arms, legs and buttocks.
- Reduces fluid retention and improves lymphatic drainage.
- Complements the cavitation treatment.
- It favours the elimination of toxins and prevents cellulite.
- Reshapes the figure, helps reduce measures and eliminates localized fat deposits.
- Increases blood circulation, which improves the tone of the skin.
- Promotes collagen formation, restoring the facial skin's firmness.
- It contributes to reduce scarring and stretch marks.



A photograph of a woman's lower body, wearing white underwear. She is holding a silver chain around her hip. The image is partially obscured by a semi-transparent pink banner at the top left containing the title.

## Treatment protocol for body radiofrequency

- A pre-treatment skin test is required.
- Apply plenty of conductive gel or vegetable glycerine on the area to be treated. Bring the RF handle closer to the skin. The protocol to be followed will be different depending on the area to be treated.
- The RF handle must be in constant movement. Never stop it or leave it fixed, as it may result in burn injury.
- The RF handle must always be in contact with the skin.
- The length of the RF session should be between 20 and 40 minutes maximum, but it varies according to the area treated: arms, between 25 and 30 minutes; legs, thighs, abdomen and buttocks it could be extended up to 50-60 minutes. The type of cellulite and the skin status will also determine the length of the session.
- The minimum number of sessions required to achieve visible results is between 5 and 10, once or twice a week. A continuous re-evaluation of the customer must be performed.



# Contraindications

- People with serious heart diseases
- Coagulation disorders
- Connective tissue diseases
- People with neurological or neuromuscular diseases
- People with cancer, HIV or diabetes
- Skin wounds, infections, psoriasis, dermatitis or sick skin
- People with metallic prostheses (in the bones of the head), pacemakers, defibrillators or other implanted electronic devices
- Morbid obesity
- Shaved or waxed skins
- Skins recently submitted to deep chemical peel, burns or surgery
- People with Cushing syndrome
- Alterations in skin sensitivity, not feeling the heat or cold

# Contraindications

- Pregnancy and breastfeeding.
- Existing keloid scars.
- People receiving anticoagulant or immunosuppressive medication or corticoids.
- Tattooed areas or permanent makeup on the face.
- Fever.
- Autoimmune diseases or people with weakened immune system.
- Infectious processes.
- Do not use over the thyroid. It may disrupt its proper functioning.
- Caution when using the RF over injected tissues. People with a recent hyaluronic acid or Botox infiltration, should wait a reasonable period of time before receiving a RF treatment.

# Cautions

- The use of cavitation is not without risks. It must be used by a beauty professional specialist, as this could cause damage to major organs, particularly when used near them. The inappropriate use of this device can lead to burns and blisters, because of the intense heat which is generated.
- Neither the customer nor the professional must wear or carry any metallic objects during the treatment.
- The use of insulated gloves is recommended for the professional, to prevent the wave from reaching the bone tissue.
- Always apply a sufficient quantity of conductive gel and never stop moving the handle.
- Always follow the recommendations of the professionals from the beauty center.
- Never attempt to open or check the internal components or accessories of the device. If a technical inspection is necessary, please contact your distributor or an appropriately qualified technical service.
- Never use this device in wet or poorly ventilated environments, such as water or bathing areas, in order to prevent damage to the electrical components.

# Warnings

- Never use this device outdoors. Exposure to weather elements can cause damage.
- If the power cord is broken, please contact your distributor or a professional who is able to replace it without risks.
- At the end of each session, the handles must be washed with an antiseptic cleanser.
- During the session, check with your customer that the temperature is appropriate.
- The customer is recommended to drink plenty of water before and after the treatment.
- Do not expose the device to dripping or splashing and ensure that no objects filled with liquids are placed over the device.
- Be careful with the electrical connections.
- This device should be assembled and disassembled by professional staff.
- In case of malfunction, check carefully all connections and contact your distributor.

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