

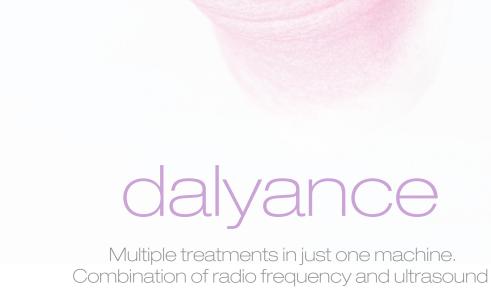
Treatment protocol.



Version 1.1 October 2017







## dalyance treatment

dalyance is a device that combines radiofrequency and ultrasound, indicated for non-invasive body and facial rejuvenation, through the re-tensioning and re-densified skin, eliminating or diminishing the fine lines of the face, neck and chest, and reducing of localized fat, cellulite reduction and body contouring

dalyance is used to treat the visible effects of skin aging such as wrinkles, sagging, dehydration, surface roughness and localized fat. We can treat all skin types and different degrees of aging skin.

Stage I: initial stage. There are no wrinkles and if there are, these are very fine. Slightly pronounced pigmentary alterations are observed. It is associated with young women with photoageing due to extrinsic factors such as climate and bad habits.

Stage II: the first expression lines begin to appear. It is associated with moderate photo-ageing and the skin shows a slight sallow colouring. Paranasal lines are observed.

**Stage III:** advanced photo-ageing is identified. The skin shows a pronounced sallow colouring and presents pigmentary anomalies (senile lentigos).

**Stage IV:** wrinkles are deep and the skin presents a sallowgreyish colour. Flaccidity is very pronounced and the facial ova presents sagging and very little definition. For maximum results in their treatments, dalyance difference between facial and body treatments.

#### Facia

For facial rejuvenation, dalyance treatment include reducing periorbital area wrinkles, nasogenian wrinkles filling, fine lines decreased, eyelid lift and neck and chest areas tension.

#### Body

**Drainage:** in this phase the evacuation by natural processes of the liquid found between the different cells of a tissue (interstitial space) is encouraged.

**Reduction:** in this phase localized adiposity is treated on certain parts of the body. Three characteristics of the tissue are differentiated: soft, oedematous (with fluid retention) or fibrotic (hard) and it is necessary to identify these before carrying out treatment in order to obtain the best results.

**Reaffirming:** activation of the collagen and elastin fibres to provide greater firmness to the skin with a redefining and tightening effect.



Work procedure

### Step 1: preparation prior to treatment

The dalyance device should only be used by qualified professionals who have received adequate training and have read in detail the operator manual (included with the system) before putting the equipment into operation.

**Assessment of the client:** before starting any kind of treatment, it is essential to have a complete record of the client and have him/her sign the informed consent. Assess and establish the client's real expectations.

**Selecting the client:** he/she should be healthy with real and objective expectations appropriate for his/her age, looking to rejuvenate the skin on his/her face, neck and décolletage and reduce cellulite and localized accumulation of fat to improve his/her body contour.





### Work procedure

### Step 2: preparation of the skin

- The area to be treated should be cleansed, removing all traces of makeup and lotions.
- Shave the treatment area if hair in the area is excessive.
- Examine the area to be treated to rule out local pathologies which could counter-indicate the treatment, as well as to avoid treatments on areas with subcutaneous electronic, bone and/or joint implants. Consult the operator manual supplied with the equipment.
- In order to make post treatment evaluations, take photographs which should be standardized with regard to the position of the patient, lighting, location, background and grid and distance.
- Explain to the client what the treatment consists of and warn him/her about sensations and possible discomfort which could arise during the treatment.



Caution on customers with high sensitivity to heat as they may have an increased risk of adverse effects.



### Radio frequency work procedure

### Step 3: Starting radio frequency treatment

To obtain the best results we recommend concentrating the highest amount of volumetric heat on the smallest surface area to be treated, bearing in mind the ageing stage of the client's skin. All electrodes should be in total contact with the skin. If during treatment the client complains of discomfort, alternate the application of volumetric heat on the area adjacent to the treatment area.

It is necessary to use glycerin for the treatment (never use conductive gel or water based cream).

#### Face

Divide it into 2 parts determined by the midline. Start treatment about 35% of power depending on the tolerance of the client. You can power up or down as needed. *Figure 1* 



**Treatment time** 

Each area: 15 min. Total treatment: 30 min.

Recommended movements for the session:

Circular (preheating):

Lines:

Sessions for client with photodamage and/ or slight to moderate ageing, fine wrinkles and cutaneous elastosis grade I.

Initial treatment: Minimum 6 sessions every 2 weeks.

Maintenance treatment: 1 session every 3 months.

Sessions for client with photoageing with medium to deep wrinkles and cutaneous elastosis grade II-III.

Initial treatment: Minimum 8 sessions every 2 weeks.

Maintenance treatment: 1 session every 2 months.



### Radio frequency work procedure

#### Neck

Divide the neck into 2 equal parts which should include the lateral-posterior area. *Figures 2 and 3.* 

The skin on the neck tolerates less volumetric heat than the skin on the face because it has less subcutaneous cellular tissue, which means that the energy should be reduced by 5 to 10 %. The client should be warned about the risk of slight petechiae which disappear by themselves in 24 to 48 hours.



Treatment time: Each area: 15 min. Total treatment: 30 min.

Recommended movements for the session:

Circular (preheating):

Lisajes (looking voltage lines):

Sessions for client with photodamage and/ or slight to moderate ageing, fine wrinkles and cutaneous elastosis grade I.

Initial treatment: Minimum 6 sessions every 2 weeks.

Maintenance treatment: 1 session every 3 months.

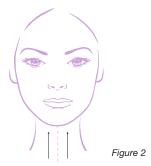
Sessions for client with photoageing with medium to deep wrinkles and cutaneous elastosis grade II-VI.

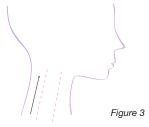
Initial treatment: Minimum 8 sessions every 2

Maintenance treatment: 1 session every 2 months.

Standing time after treatment: It is recommended that the patient rest on the bed for 10 minutes after the treatment and then rise gradually.

Customer will provide a report on the post-treatment care. (See user manual).





### Radio frequency work procedure

#### Décolletage

Divide it into 2 equal parts. See figure 4.



**Treatment time** 

Each area: 15 min.
Total treatment: 30 min.

Recommended movements for the session:

Circular (preheating):

Lines (exerting pressure on the neck and depression to chest  $|\cdot|\cdot|$ 

Sessions:

Initial treatment: Minimum 6 sessions every 2

Maintenance treatment: 1 session every 3 months.

Sessions for client with photoageing with medium to deep wrinkles and cutaneous elastosis grade II-IV.

**Initial treatment:** 6 to 8 sessions every 1 to 2 weeks.

Maintenance treatment: 1 session every 2 months.

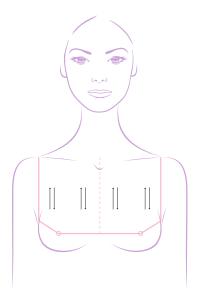


Figure 4

### Radio frequency work procedure

#### Arms

Divide the arm into 2 parts, front and back delimited by the medium and outer bicipital furrows. See figures 5 and 6.



**Treatment time** 

Each area: 5 min. Total treatment: 20 min.

Recommended movements for the session:

Circular (preheating):



Lines (parallel lines):

Sessions:

Initial treatment: 6 sessions every 1 to 2 weeks.

Maintenance treatment: 1 session every 2 to 3 months.

### **Standing time after treatment:**

It is recommended that the patient rest on the bed for 10 minutes and then rise gradually.

Customer should be provided post-treatment care information. (See user manual).

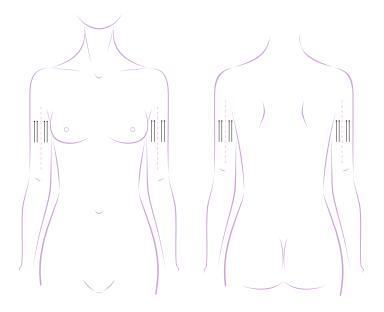


Figure 5 Figure 6

### Radio frequency work procedure

#### **Abdomer**

Divide the abdomen into 2 equal and symmetrical parts, depending on volume, taking the distribution and trajectory of the abdominal muscles as a topographical reference (rectus abdominis and oblique muscles). See figures 7 and 8.



**Treatment time** 

Each area: 10 to 15 min.

Total treatment: From 20 to 30 min.

Recommended movements for the session:

Circular:

Spirals:

Movements in 8:

Lines: ||||

Sessions:

Initial treatment: Minimum 6 sessions every 2

weeks

Maintenance treatment: 1 session every 1 to 3

months.

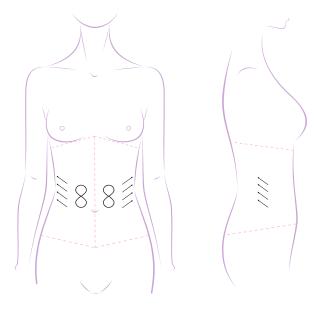


Figure 7 Figure 8

## Radio frequency work procedure

#### Thighs

Divide into 2 equal thigh surfaces.

See Figure 9 and 10.



**Treatment time** 

Each area: 15 to 20 min.

Total treatment: From 30 to 60 min.

Recommended movements for the session:

Circular:

Spirals: ()(

Movements in 8:

Lines:

Sessions:

Initial treatment: Minimum 6 to 8 sessions

every 2 weeks.

Maintenance treatment: 1 session every 1 to 3

months.

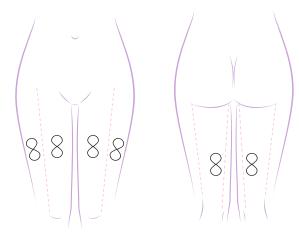


Figure 9

Figure 10

### Radio frequency work procedure

#### Buttocks

Work on the area to be treated dividing it into two different areas. See figure 11



Treatment time
Each area: 5-10 min.

Total treatment: From 10 to 20 min.

Recommended movements for the session:

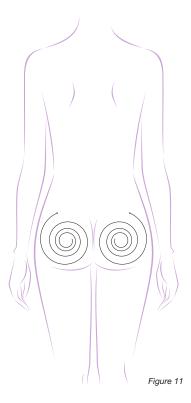
Circular:

Spirals:

Movements in 8:

### Sessions:

Initial treatment: 6 sessions every 1 to 2 weeks. Maintenance treatment: 1 session every 1 to 3 months.





### Ultrasonic working procedure

### Step 4: Starting ultrasonic treatment

dalyance ultrasound treatment is characterized by the generation of bubbles in the intracellular liquid which implode and break the membranes of the fat cells, promoting drainage of the fat released. This effect occurs due to the generation of a wave of 36 to 40 KHz that in contact with the body, breaks down subcutaneous fat. The ultrasound source (head), through vibration, generates a pressure / depression. By applying such pressure / depression with a transmitter ultrasonically conductive gel on the human body (mostly water) the cavitation phenomenon is generated. By subjecting the skin to this effect the conversion of fat from solid to liquid state is achieved.

Subsequently the affected tissue is removed through natural processes such as urine or lymph system.

We proceed with slow movements and mark small areas (approximately 10 x 15 for 10 minutes per zone. There can be worked maximum 4 zones per day, leaving minimum 1 week between each session.

Conductive gel for ultrasound treatment must be used for the treatment.

The position of the handpiece must be inclined (never work vertically on the body).

Drainage is mandatory in the following 24 - 48 hr.

### Ultrasonic working procedure

### Abdomen and sides

To make these treatments is imperative that the person is recumbent (almost sitting) so that the fat layer is thicker. Do not work in perpendicular, toward the stomach, making always making a fold between the hand and the handpiece. See figure 1



**Treatment time:** 

Total treatment: 40 min. (10 min. x 4 zones).

Applicator suitable for the session:

concave / flat

energy %:

80-100%

Movements recommended for the session:

circular:

spirals: ()()

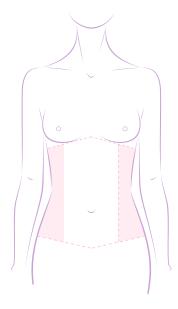


Figure 1

## Ultrasonic working procedure

#### Arms

Working areas begin 5cm from the armpit and 5 cm of the end of the elbow. Never on the elbow. Perform always making a fold between the hand and the handpiece. See figure 2



**Treatment time:** 

Treatment per arm: 10 min x 2 zones

Total treatment: 20 min.

Applicator suitable for the session:

concave / flat

energy %: 60-70%

Movements recommended for the session:

circular:

spirals:

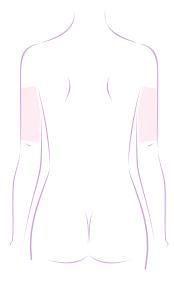


Figure 2

### Ultrasonic working procedure

#### Legs (femoral area)

The treatable area begins under the buttock and ends 5 cm before reaching the knee. Never on the knee. Avoid working on the sciatic nerve at buttock. See Figure 3.

Limits of treatment are on the back of the leg. Perform always making a fold between the hand and the handpiece.



**Treatment time:** 

Treatment per leg: 10 min x 4 zones.

Total treatment: 40 min.

Applicator suitable for the session:

Concave / flat

energy %: 80-100%

Movements recommended for the session:

circular:

spiral:



Figure 3

## Ultrasonic working procedure

#### Hips

Perform always making a fold between the hand and the handpiece. See figure 4.



**Treatment time:** 

Treatment per leg: 10 min x 2 zones.

Total treatment: 20 min

Applicator suitable for the session:

concave/ flat

energy %: 80-100%

Movements recommended for the session:

circular:

spiral:



### Ultrasonic working procedure

#### Upper Thighs (Banana rolls

The treatable area begins 5cm from the groin and ends 5cm before reaching the knee. Never over groin. *See figure 5.* 

Treatment limits on the inside of the leg. Perform always making a fold between the hand and the handpiece.



**Treatment time:** 

Treatment per leg: 10 min x 2 zones.

Total treatment: 20 min

**Applicator suitable for the session:** 

concave/ flat

energy %: 80-100%

Movements recommended for the session:

circular:

spiral:



Figure 5



# make your patients' dreams come true

cocoon medical is a Spanish company, based in Barcelona, created with the aim of offering technology and innovation to the service of cosmetic medicine, capable of manufacturing non-invasive medical equipment to satisfy the needs of the most demanding clients.

Built-up by a team of highly qualified professionals, cocoon medical has become a leading worldwide company due to its continued ability for innovation and development. We place our maximum trust in our partners, both national and international, in order to get to understand the needs of each market, offering the most innovating solutions to our customers.

cocoon medical has the highest national and international quality certifications, offering the best service in their field.











