

What is Ultrasound Cavitation?

Ultrasound Cavitation is a relatively new aesthetic treatment. Using leading edge technology it converts fat cells into liquid which can then be drained by the body's own natural filtration system. When the treatment of ultrasound cavitation is followed by a lymphatic drainage the process is faster, as the drainage is very effective at eliminating liquids. Generally one fat cavitation treatment lasts 35 – 40 minutes where a single part of the body is treated. At least 72 hours must pass between each session so that the body can eliminate the waste. The minimum suggested number of fat cavitation sessions is between 6 and 10.

HOW DOES ULTRASOUND CAVITATION WORK?



A fully trained therapist will apply a specially designed handpiece to your skin. The

hand piece will then transmit low level ultrasonic waves which consist of compression- expansion impulses that travel in a circular motion. This motion then causes an infinite quantity of micro-cavities or micro-bubbles that gradually enlarge. This progressive enlargement finishes as micro-bubbles start to collide and implode, producing shock waves that favour emulsification and elimination of fat tissues (this phenomena is called "cavitation"). The liquid is then easily vacuumed out from the body using the lymphatic and urinary system.



WHAT IS RADIOFREQUENCY - RF?

Radiofrequency (RF) energy is a new and promising technology for

non-surgical tightening of the early signs of loose or sagging skin. RF energy alone is primarily used to treat skin laxity by tightening, and is best suited to patients with mild to moderate sagging of facial tissues, usually those in their mid-thirties to fifties, with any skin colour. It is commonly used to treat the forehead, under the eyes, cheeks, mid-face, jaw line

and the neck. RF can also be used in conjunction with ultrasound cavitation to aid in further fat breakdown and also to tighten the skin in the same area the cavitation treatment has taken place.

HOW DOES RADIOFREQUENCY WORK - RF?



The hand piece is slowly rotated over the target area transmitting radio waves through the upper layers of the skin to the dermis, heating the dermis to between 40 & 50 degrees Celsius without burning the skin surface.

Tissue Retraction: The generated heat causes local contraction of the collagen fibres, to immediately tighten the skin.

New collagen formation: By heating the dermis, new collagen production is stimulated. This tightening effect is delayed and may take from 3-6 months to be visible.

Improved circulation: RF will also improve the blood and lymphatic flow. This helps with a better oxygen supply and greater toxin clearance to further reduce the effects of aging.

WHAT CAN BE TREATED WITH THE ULTRASOUND CAVITATION SYSTEM?

GBG trained therapists offer cost effective and professional treatments including:

- Cellulite and fat reduction
- Body Contouring
- Skin tightening and fat melting (where radio-frequency is combined)

WHO IS SUITABLE FOR ULTRASOUND AND RF TREATMENTS?

- Most people are safe to have the treatments
- Your trained therapist should be able to determine your suitability
- Consult your Dr. if you are not sure
- People with cardiac and vascular diseases, pacemaker carriers and women who are pregnant or breastfeeding should avoid undergoing the procedure



Is ultrasound cavitation painful?

No, cavitation is a painless treatment. Mild redness may appear occasionally but will be highly unlikely to cause any actual pain. The heat from the hand pieces felt during the treatment is perfectly tolerable.

Is ultrasound cavitation a safe treatment?

Yes, it is a nonsurgical procedure without anaesthesia, it is non-invasive (no cutting, leaves no scars or the need for any post-operative course) and no downtime should be experienced after the treatment.



Which are the areas where treatment is more effective?

All those areas with localised fat: thighs, abdomen and buttocks are the most appropriate but there is no real limitation as to areas of the body.

Can you lose weight with ultrasound cavitation?

Cavitation is not a method to lose weight but to reshape the body. It is particularly indicated for the reduction of adiposity, the famous "love handles" that won't go away with diet and exercise.

Are the results of ultrasound cavitation similar to those of liposuction?

Yes, because it removes cellulite preventing this from recurring in the treated areas, without damaging the vascular system.

The fat is a solid substance, how can it be eliminated through the urine?

Because ultrasound cavitation causes an emulsification of fat, converting it into a substance easy to eliminate through the urinary and the lymphatic system.

Must you follow any guidelines before or after undergoing ultrasound cavitation?

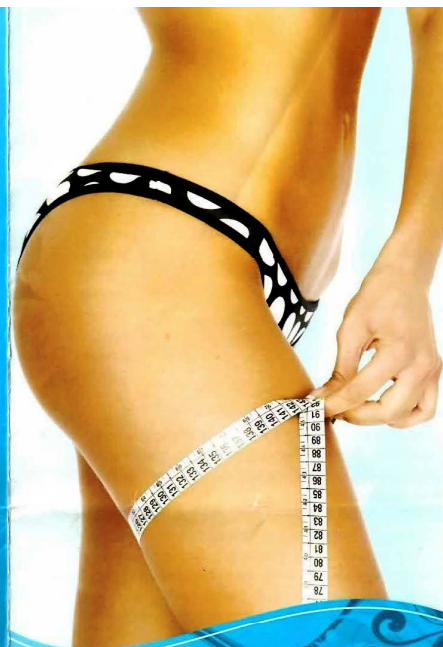
We recommend a low calorie diet and drink at least 1.5 litres of water before and after the session. Drinking water is a necessary part in order to eliminate the fat. Regular exercise such as walking or other aerobic activities should also be maintained in order to help the system to naturally process the fat after the treatment.

How much time should elapse between one session of ultrasound cavitation before another?

The body eliminates the fat of a single session in approximately 3 – 5 days, so we recommend an interval of around one week between each session.

Number of treatments and treatment frequency for each application:

- **Ultrasound Cavitation:**
6 – 10 treatments spaced one week apart
- **Skin Tightening:**
6 – 10 treatments spaced one week apart



Ultrasound Cavitation Radiofrequency - RF

CELLULITE REDUCTION • FAT REDUCTION
BODY CONTOURING • FAT MELTING
SKIN TIGHTENING • SKIN REJUVENATION

*Marketed by TheGlobalBeautyGroup



TheGlobalBeautyGroup
Technology for Beautiful Business