

Med Contour Presents a Real Solution for Cellulite

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Cellulite has always been a cosmetic plague for women and many medical devices as well as topical treatments have claimed to be effective in keeping the unwanted “orange peel” effect at bay. According to Diletta Vitali, M.D., a plastic surgeon in the plastic, reconstruction and aesthetic surgery department at the Traumatologic Orthopedic Center in Florence, Italy, the Med Contour from General Project (Florence, Italy) can successfully treat deep cellulite and localized fat, achieving visible results even after the first treatment.

Featuring a unique approach to the treatment of cellulite, the Med Contour system uses an innovative vacuum technology to raise the adipose tissue at the treatment site and then focuses the combined action of two low-frequency ultrasounds on the target area. This approach allows for highly selective and targeted therapy of the fatty layers and spares the surrounding tissue from the deep penetrating action of the ultrasound, making the procedure highly effective and safe.

Rapid formation and subsequent collapse of millions of microscopic bubbles (or cavities) in a liquid is a phenomenon known as cavitation. Med Contour’s dual ultrasound technology provides an advanced cavitation system which produces these microbubbles and has an astonishing effect on cellulite and localized fat.

Ultrasound waves, like all sound waves, are alternating high and low pressure waves and this oscillation can cause cavitation. These bubbles increase in size during the low pressure phase and are compressed and thus implode in the high pressure phase. This implosion causes an increase in temperature with pressure and heat exchanges that occur in microseconds. The implosion of these bubbles in the adipose tissue leads to breakage of cellular membranes and subsequent mechanical lysis of adipocytes.

“The significant reduction of localized fat and cellulite comes from the cavitation phenomenon created with an appropriate intensity of low frequency ultrasound waves,” Dr. Vitali explained. “Med Contour uses a 1 MHz dual ultrasound generator which can be modulated between 20 and 60 kHz. A frequency of 1 MHz is certainly safe and non-damaging, has long been used to treat muscular trauma and is widely studied. This indicates that greater depth can be achieved and with more safety than many uncertified and uncontrolled machines currently on the market.”

Another advantage of the Med Contour device is the use of its second handpiece which provides lymph-drainage massage, helping the body eliminate liquids and waste produced by the cavitation treatment through the lymph nodes.

An average session with the device takes approximately 60 minutes. According to Dr. Vitali, cellulite treatments should be spaced approximately seven to ten days apart and each area should receive about six to ten treatments for a maximum cosmetic effect. A lymph-drainage session must be scheduled between each completed session.

“Thanks to the numerous preset programs for each target area, the low frequency modulation and its particular emission geometry, Med Contour can be used on any part of the body, with the exception of the face,” Dr. Vitali said.

According to Dr. Vitali, “Med Contour is the gold standard for localized adiposity and deep cellulite. It requires fewer sessions, is faster and penetrates deeper than other technologies currently used for cellulite therapy, with visible results seen immediately after the first treatment session.”