

# AMFLI Technology Proves Effective for Skin Tightening and Cellulite Reduction

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Based on Automatic Multi Frequency Low Impedence (AMFLI) technology, ThermoMedic’s (Derby, Great Britain) Thermalipo™ is a non-invasive skin rejuvenation device delivering radiofrequency (RF) energy in a controlled and guided fashion, increasing targeted tissue temperature. One of the keys to achieving maximum aesthetic effect with this method is to find the most effective delivery of RF. Thermalipo’s delivery of specific RF energy to different levels in the skin has shown to be very effective in the treatment of cosmetic grievances such as cellulite and flaccid skin. According to experts, Thermalipo has achieved the perfect delivery of RF to the tissues, achieving remarkable results in cellulite and skin tightening.

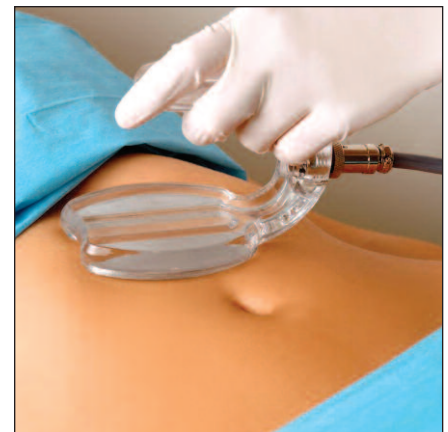
“Cellulite is a complex condition that includes lymphatic congestion and calcification in the upper layers. For skin tightening, the stimulation of fibroblasts is imperative as well as reaching a certain degree of inflammation through the application of heat, without damaging the tissue. To achieve this, an RF device such as Thermalipo, must be able to provide strict temperature control,” explained Claudia van der Lugt M.D., an aesthetic physician at the Alizonne Clinic in Meijel, The Netherlands.

According to Dr. van der Lugt, in order to overcome the barrier in the top layers of the subcutaneous fat tissue, it is necessary to first treat the deeper layers thus increasing vascular circulation and lymphatic drainage. “Instead of treating top to bottom as with other devices, one of the special attributes of AMFLI technology and Thermalipo is that the device can directly affect the deep layer.”

“The RF emitted with this device has a lower frequency which penetrates the deeper layers, as well as multi-frequencies that treat the more superficial layers. So the skin is heated step-by-step, starting from the deeper tissues and moving up to the most superficial layers. This way the whole block of skin is heated. The problem with cellulite is not the superficial layer but the

deep layer, precisely where this device is so effective,” Dr. van der Lugt said.

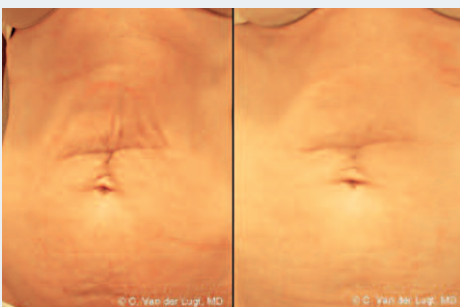
“In order to effectively deplete adipocytes, induce adipocyte lysis as well as liberate cytokines that trigger the inflammation cascade, it is crucial that the time of increased tissue temperature is maintained during the procedure,” Dr. van der Lugt noted. “By automatically changing these frequencies according to the tissue impedance, not only the effectiveness but also safety increases. Since the heat is not created on the skin surface but within the tissue, there is no risk of burning and no need for cooling.”



Thermalipo treatment

According to Dr. van der Lugt, Thermalipo achieves much better results than other cellulite reduction devices currently on the market. It features a larger handpiece with very large electrodes allowing treatment of a large surface area in one sitting and the ability to maintain the necessary constant level of heat (approximately 15 minutes) in a chosen area, paramount to the success of the treatment.

“I have seen average, good and great results with Thermalipo. There is a constant turn-over of new and improved devices available on the market today and in my opinion, Thermalipo has a very strong position among the available devices for the treatment of cellulite and skin tightening,” Dr. van der Lugt said.



Before Tx

After Thermalipo Tx

Photos courtesy of Claudia van der Lugt, M.D.