



No surgery body modelling
through **ultracavitation**



CAVITACELL

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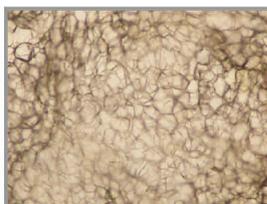
Cavitation is a physical phenomenon resulted of the pressure wave interaction with the tissues they spread along. At certain frequencies and energy, empty micro-bubbles, that increase in size until imploding generating high energy shock waves, are generated.



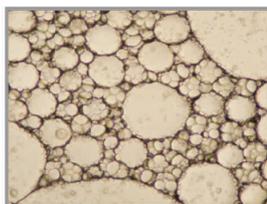
Creation, growth and implosion of empty micro-bubbles

When applying such pressure waves on the external surface of the skin, pressure changes on the interstitial tissue of the adipose tissue are produced, generating micro-bubbles that when imploding destroy the walls of the adjoining adipocytes. In this way, the fatty content of such cells is released being naturally eliminated through the urinary and lymph systems.

CAVITACELL™ introduces the latest technology advances that allow the utilization of energy released in such implosions in a controlled way towards an effective treatment against lipodystrophies or localized fats. For such purpose, great penetration and great compression energy frequencies and reduced thermal effect are used, which together with a sophisticated control mechanism of the working parameters and automatic setting of the optimum frequency according to the different tissues, means the most effective technology choice for the **no-surgery body modelling in a painless, sure and effective way.**



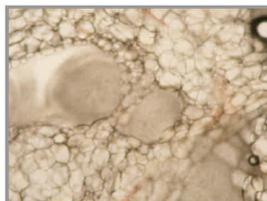
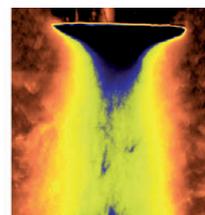
Adipose tissue



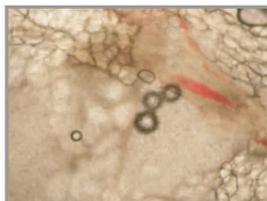
Adipose tissue after a 5-minute treatment



High energy ultracavitation viewing.



Liquefied fat by adipocyte rupture.



Detail of liquefied adipose tissue and intact vessels

Elimination of adipose tissue in a painless, sure and effective way

Results achieved through the application of CAVITACELL™ are closed to the level of surgical results without using sedatives, with no harm for adjoining tissues, achieving an outstanding reduction in the perimeter and above all, the progressive and permanent elimination of adipose tissue. In some cases, results may be increased or accelerated by using the classic hydrolipocasia technique which involves the previous infiltration of a hypotonic solution that increases the adipocyte rupture.

Between 6 - 10 sessions will be needed in order to achieve evident and permanent results, such results can be noticed from the second treatment session.

ADVANTAGES

- Non-invasive. Safe treatment for the patient.
- Painless. Anesthetic is not needed.
- Two applicators, general and focalized treatment.
- Consumables are not needed, applicators included in warranty.
- Easy use.
- Self-adapting variable frequency system.
- Noticeable results from the second session.
- Easily transported.

TECHNICAL SPECIFICATIONS

- Output signal: Continuous and pulse mechanical waves.
- Emission frequency: 40 khz (sweep 38-42 khz)
- Top power: 3W/cm²