



# CaviStar® | BASIC 2.0

Distributed by MEDISTAT International S.A.R.L

3<sup>RD</sup> GENERATION CAVITATION



## Beauty and comfort in only one equipment

The new Cavistar Basic design presents a renovated esthetic concept with modern lines and equipped with the new and exclusive development of *Immediate Global Connectivity*.

REDUCTION OF LOCALIZED ADIPOSITIES • EXCESS WEIGHT • CELLULITE



IGC The connectivity at your reach, Immediate Global Connectivity offers a world of possibilities. Remote Updates – Novelties – Protocols – Applications and franchise control programs.



### SPECIFICATIONS

### WITH IMMEDIATE GLOBAL CONNECTIVITY TECHNOLOGY

#### EASY TO TRANSPORT

Design and size thought for the demands of the market  
New LCD 10 inch screen

#### CAVITATION

Frequency 28KHz  
Maximum Potency 3W/cm<sup>2</sup>  
Functioning Mode:  
Pulsed and Continuous

#### USB Port 2.0

Internet Connection  
Touchpad command



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## EQUIPMENT

### A sophisticated line

A new design that gives practicality, comfort and better equipment performance.

Built with top quality materials and respecting the Cavistar's elegant and sober lines.

The evolution of the Cavistar permits that the new line of equipments be easily transportable occupying a reduced space inside a consulting room.

### A powerful software

The easiness of its use, perfectly combined with a simple and attractive interface makes these equipments an indispensable tool for your business. Individual patient files with a capacity to save and edit personalized protocols, demonstrations, tutorials usable on screen and language selection. Software can be updated through IGC.

### The real Cavitation

In the market there are different alternatives in Cavitation, nevertheless more than one, are simply ultrasounds of superficial effects that do not achieve to emulsify the adipose tissue. The conventional ultrasounds, independent from their potency, do not affect the adipose membrane.

Cavistar has demonstrated to be the only one with real provable effects, therefore the innovation goes hand in hand with the results and in this occasion evolving towards the most requested in the market.

### What is Cavitation?

Cavitation is a phenomenon produced by mechanic waves in a liquid. It consists in the generation of variations of pressure which's consequence is the production of micro bubbles in the biological liquid, which are gradually fractured, generating impact waves.

### What effects does it produce?

The impact waves generated by the Cavitation produces the disruption of the adipose's cellular membrane with the resulting diffusion of the lipidic matrix ( triglyceride) to the interstitial space.

The process in which the lipidic content is dispersed in the interstitial liquid is denominated as emulsification. Therefore, we can infer that the result of the fat tissue's ultrasonic cavitation is the emulsification of the lipic content.

Cavitation is a non-invasive treatment. It does not require hospitalization or anesthesia. The patients can retake their normal daily activities immediately after every session.

### Frequency

The Cavistar frequency is of 28KHz. The mechanic wave produced by the ultrasonic generator at this frequency is capable of specifically affecting the fat tissue. This is due to that the density of the mentioned tissue has an adequate affinity to the transmission's velocity of the ultrasonic wave. The best fat tissue Cavitation is obtained when the ultrasonic wave passes through the fat tissue at this frequency. This is why the surroundings are not damaged by the ultrasonic longitudinal wave.

### Frequency and Potency

The frequency (KHz) gives specificity and penetration to the wave in relation to the fat tissue. The potency intervenes in the mechanic vibration per square unit and optimizes the penetration and wave performance.

### Indications

- Localized Adiposities
- Excess weight
- Cellulite

### Results

The obtained result is the reduction of the thickness of the adipose tissue's fold. The realization of the suggested treatment protocol, with its therapeutic combination grants the reduction of the contour and corporal perimeters. If the equipment has non permitted potency due to international regulation normatives, it could be damaging to your health. If the frequency is not the indicated, then fat tissue Cavitation is not accomplished. The cavitation accomplished would be of other tissues.

### Cavitation : Modification of the fat Tissue\*

1



The subcutaneous cellular tissue is observed with an important hypertrophy and hyperplasia in the adipose cells.

2



After 5 minutes you can see a decomposition of the subcutaneous cellular tissue, forming small vacuoles between adiposes due to the weakening of the membrane and the initiation of the fat emulsification.

3



After 10 minutes the destruction of the lipidic membrane is observed, giving as a result the generalized emulsification of the treated zone and the intact tissue in the adjacent zone.

4



At the end of the session we see the generalized emulsification of all of the lipidic layer.

\* Study realized in CONICET laboratories, dependant of the National University of Córdoba.

## THERAPIES



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