

SCIENCE AND TECHNOLOGY
APPLIED TO BEAUTY



LipoCell[®] **CRIO**

Glacial technology **INTENSE FREEZE**

Non-invasive medical procedure
that removes body fat, providing results
from the first session

FREEZE INTENSE technology that does not require constant
attention and only demands 10 minutes of trained staff
in sessions that last up to 2 hours maximum.
All of the ergonomics of our Flat Concept.



Cryolipolysis
Handpiece

- **Remote stop button**, a device whereby the patient may stop treatment if any discomfort arises.



- Equipped with **heart rate monitor**.

CRYOLIPOLYSIS

Recent scientific studies have shown that the best way to eliminate localized fat, is through cryolipolysis. The LipoCellCRIO's objective is the reduction of fat tissue by applying a controlled and precise cooling process. After being frozen at temperatures below -10°C , adipocytes undergo

programmed cell death (apoptosis). The fat cell disappears and the fold's thickness diminishes in the treated area without damage to surrounding tissues.

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GLOBAL
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WHO CAN BE TREATED WITH CRYOLIPOLYSIS?

Cryolipolysis is considered safe and effective for most patients seeking the removal of fat from specific areas like upper abdomen, lower abdomen, flanks, gluteus and trochanteric area. Since cryolipolysis does not produce weight loss, patients must present localized fat only.

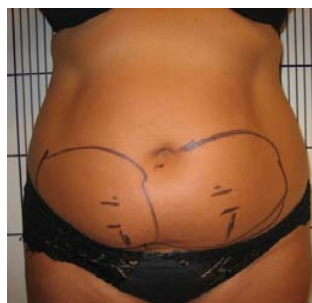
Not recommended in patient cases exceeding the excess weight of 10/12 Kgs.

It is always advisable to evaluate the patient's history prior to the application of any aesthetic equipment.

PHYSIOLOGICAL EFFECTS

Fat tissue is reduced as a result of the reaction caused by the intense cold and sustained as a defense mechanism of the tissues that respond with a panniculitis (inflammation around the panniculus) of which the epidermis, dermis and skin appendages fully recover, leaving only injured fatty tissue. The fat cells disappear after apoptosis (programmed cell death) and are removed completely by macrophages in a slow, gradual and progressive way. The results are quantified after the first session after 45 days of the application.

Target	Epidermis	Dermis	Skin Appendage	Subcutaneous fat
Cryolipolysis	Intact	Intact	Intact	Rupture of fat cells



ANTES



DESPUÉS

RESULTS

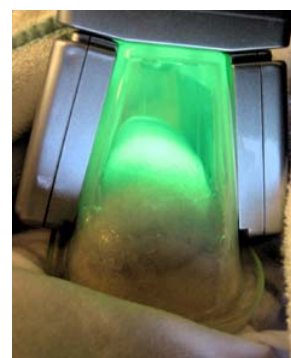
- 1) Reduction of adipose tissue.
- 2) No evidence of skin lesions.
- 3) Remodeling of the treated area.
- 4) Fat Fold decrease in the treated area.

HOW DOES IT WORK?

LipoCellCRIO operates through a selective cryolysis (freezing of fat) through a set of plates that reach temperatures below zero degrees Celsius (-10 °C).

The therapy is divided into the following: first, a preliminary heat of 5 minutes, to relax and increase local blood circulation, and secondly the equipment submits the fold to a cooling process below -10 °C, for a time not less than 40 minutes. The duration of each treatment area is 45 minutes.

To carry out treatment, an antifreeze patch is placed between the LipoCellCrio handpiece and patient treatment area, this will protect the skin and prevent its crystallization.



SPECIFICATIONS

MANUFACTURER

F.P. Rubinstein and Co. SRL

MODEL

Cryo LIPOCELL

CLASSIFICATION IEC 60601-1

Class I type BF equipment

DISPLAY

LCD flat display, 10 "

COMMAND

touchpad

USB

USB 2.0 port

EQUIPMENT WEIGHT

Approx. 36 Kg

EQUIPMENT DIMENSIONS

Width 490 mm, length 520 mm,
1320 mm height

VOLTAGE [V]

FREQUENCY [Hz]

220 - 240/50
110/60

COOL / HEAT

Temperature Range

HEAT: +37 oC to +45 oC

COLD: -10oC to +5 oC

VACUM

Vacuum range pressure and
heart rate meter