



Cellulite and Mesotherapy

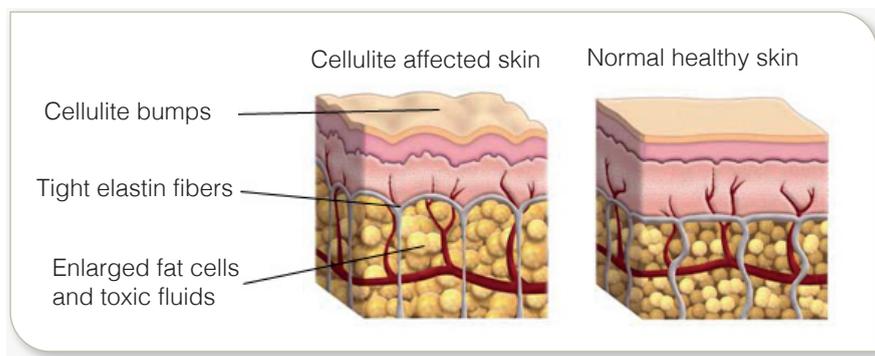
Cellulite or lipodystrophy is one of the most common complaints treated by cosmetologists. Mesotherapy is able to reduce cellulite by delivering small amounts of highly concentrated substances directly into the skin, precisely where it is needed. Mesotherapy cellulite treatment uses agents that act on the adipose tissue, connective tissue and microcirculation, to accelerate the body's natural subcutaneous fat reduction.

Institute BCN® has created **MesoCell®**, the “Mesotherapy inspired cellulite treatment”, based on the same active ingredients as its professional line, enabling you to maintain and improve on the results obtained from professional treatment.



What is cellulite and what causes it?

Cellulite results from both a build-up of fat in the adipose tissue (the hypodermic fat cells) and water retention around them (in the dermis and hypodermis).



Healthy skin: the connective tissue is healthy and it prevents the fat cells from bulging upwards.

Cellulite skin: an imbalance between fat production (lipogenesis) and fat breakdown (lipolysis) within the cells leads to the formation of large fat cells that bulge towards the surface of the skin, increase the pressure in the tissue, thus diminishing local microcirculation which results in decreasing lipolysis (the reduced blood flow interrupts the transport of oxygen and nutrients, fat deposits build up). The combination of thick, rigid fibers and increasing fat tissue, together with distended tissues caused by fluid retention, will give to the skin a dimpled or “orange peel” appearance.

This process is self-perpetuating because blood circulation is then slowed down causing stagnation of metabolic waste. Start a vicious cycle including fluid stasis, alteration of connective tissue and re-organization of fat cells.

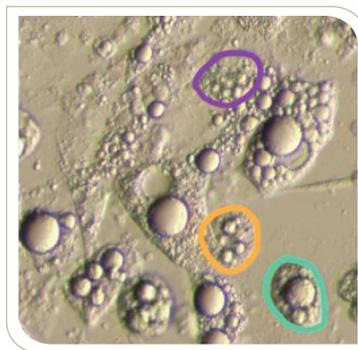
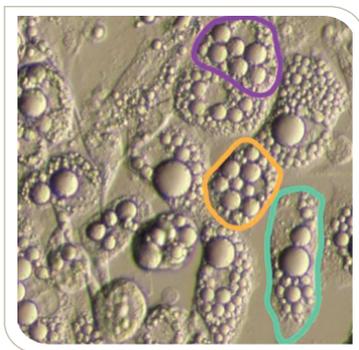
As a complex problem, cellulite must be fought at different layers and areas to mobilize stagnated fluids and to increase cutaneous and subcutaneous circulation.



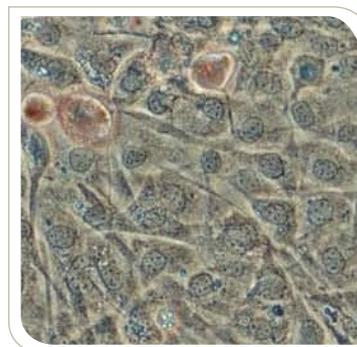
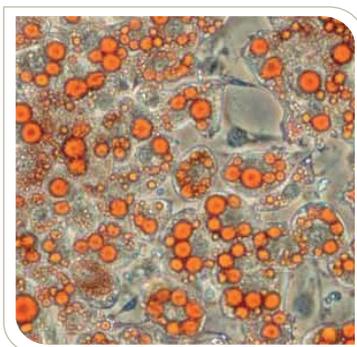
MesoCell® cellulite cream combines powerful active agents selected for their abilities to boost blood circulation, break down fat cells and combat water retention. **MesoCell®** delivers the following specific benefits:

- Increases fat metabolism, stimulating adipocytes to release fat for burning.
- Stimulates the reduction of the adipocyte size.
- Interrupts the fat production mechanism, helping to convert fatty tissue into connective tissue. Enhances reversion of adipose tissue towards a mesenchymatous tissue of fibroblastic character.
- Reestructures dermal extracelular matrix.
- Anti-inflammatory activity, astringent and veinotonic effects.
- Tissue desinfiltrating and draining properties.
- Anti-bacterial effects.
- Antioxidant activity.
- Exfoliating activity. Removes dead cells and impurities. Renews the epidermis, enhances its appearance and facilitates penetration of other active ingredients.
- High nourishing power.
- Regenerates skin cells. Promotes tissue regeneration.
- Boosts collagen production.
- Epithelising and firming activity. Tones, tightens and strengthens.
- Increases circulation in areas where cellulite is present.
- Improves resorption of localized edema.
- Softening and smoothing effect on the skin.

Reduction of the adipocytes size



The adipose tissue is replaced by a tissue possessing fibroblastic characteristics with contractile properties.



IN VIVO TEST



RESULTS

fat deposits and roughness
water retention
+ skin firmness



MAIN ACTIVE INGREDIENTS

Powerful anti-cellulite active ingredients with a tightening and lipolytic effect that provide a firmer and sculpted skin. NEW FORMULA WITH PHOSPHATIDYLCHOLINE AND L-CARNITINE

ACTIVE INGREDIENTS	PROPERTIES
THEOPHYLLINE ACETIC ACID + SILICA (MONOME THYLSILANETRIOL)	<ul style="list-style-type: none"> • Stimulates lipolysis through its action on cAMP and liberates fatty acids and glycerol. • Decreases formation and storage of triglycerides into the adipocytes. • Slimming activity: regeneration of the surrounding connective tissue, leading to a better microcirculation which normalizes cellular exchanges and improves the skin aspect.
CENTELLA ASIATICA EXTRACT	<ul style="list-style-type: none"> • Promotes keratinization and stimulates a rapid and healthy growth of some tissue components. • Stimulates the production of collagen. • Anti-inflammatory and restructuring on the dermal extracellular matrix. • Improves the venous wall tone and elasticity.
HORSETAIL (EQUISETUM ARVENSE) EXTRACT	<ul style="list-style-type: none"> • Prevents connective tissue damaging. • Contains the building blocks needed for collagen and elastin synthesis. • Has a softening and smoothing effect on the skin. • Tissue disinfiltrating and draining properties.
IVY (HEDERA HELIX) EXTRACT	<ul style="list-style-type: none"> • Anti-inflammatory, astringent, anti-bacterial effects. • Venotonic agent that strengthens blood capillaries and increases circulation.
HORSE CHESTNUT (AESCULUS HIPPOCASTANUM) EXTRACT	<ul style="list-style-type: none"> • Anti-inflammatory, anti-blotchiness, heavy legs, astringent and venotonic effects, activities that reduce vessel permeability and have a noticeable anti-edema action peripheral blood circulation stimulating agent.
ROSA MOSCHATA OIL	<ul style="list-style-type: none"> • High nourishing power. • Natural corrective and skin regeneration properties (assists with cell regeneration, and promotes collagen and elastin levels to increase). • An exfoliant agent to accelerate skin desquamation and therefore improve skin appearance. • This results in firmer, smoother, and more youthful skin with greater elasticity.
PHOSPHATIDYLCHOLINE	<ul style="list-style-type: none"> • Breaks down the fat stored in fat cells. • Emulsifies the fat, allowing it to be absorbed into the bloodstream and transported.
L-CARNITINE	<ul style="list-style-type: none"> • Is responsible for metabolizing fat. • After breaking down the stored fat, it mobilizes the fatty acids into the bloodstream, attaching itself to them and carrying them to the area of the cell that converts fat to energy.

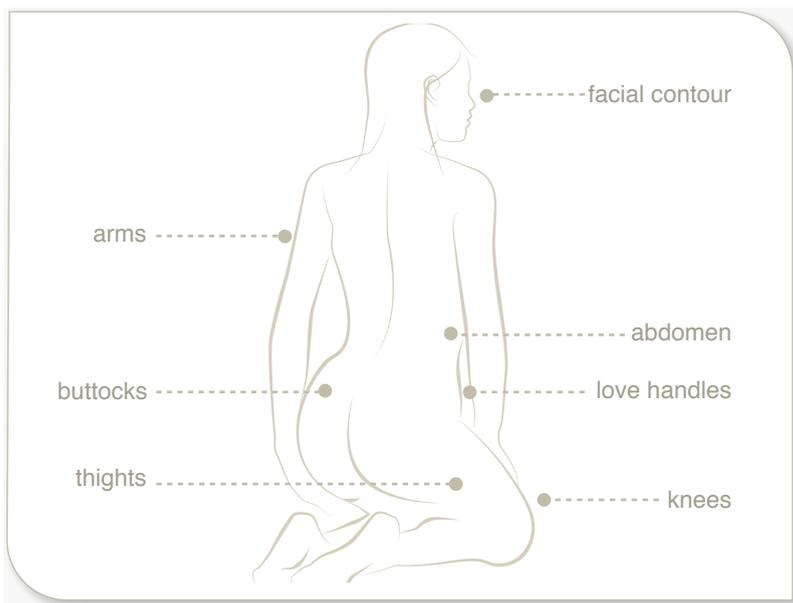


ACTIVE INGREDIENTS	PROPERTIES
GLAUCINE	<ul style="list-style-type: none"> • Is a multifunctional molecule that stimulates lipolysis and inhibits the appearance of new adipocytes, by calcium flow regulation. • Reduction of the adipocyte morphotype and size. • Reconstruction of the skin's support tissue by adipose tissue reversion towards a mesenchymatous tissue of fibroblastic character. • Reduces the appearance of cellulite, while contributing to an improvement in drainage and water distribution throughout the tissue. • The water circulates more freely when the compression exerted by the fat deposits is decreased. • As the cellulite diminishes, skin firmness is restored.
CAFFEINE	<ul style="list-style-type: none"> • Stimulates lipolysis through its action on cAMP (liberates fatty acids and glycerol). • Decreases formation and storage of triglycerides into the adipocytes. • Vasodilator properties, increasing blood flow.

For optimal results, choose **MesoCell®**, the indispensable cosmetic complement to your Institute BCN® professional mesotherapy treatment.

Indications:

Localized fat deposits and/or cellulite on thighs, buttocks, abdomen, arms, knees, love handles and facial contour.



Presentation:

Tube containing 200 ml NET WT. 7.04 oz.