

REVIEW: VEGETABLE OIL AND BUTTERS, THEIR ANTICELLULITIC EFFECT, COMPOSITION, MECHANISM OF ACTION AND CLINICAL TRAILS

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Abstract. *Fibro-sclerotic edematous panniculopathy is a condition that affects 80% of post-pubertal women. The symptomatology represents a degenerative alteration of the dermal and hypodermic tissue, unaesthetic, for both women and men. For this reason, new treatments and new anti-cellulite cosmetic actives are constantly being researched.*

Phytocosmetology has made available natural substances that act against dermo-hypodermic dystrophy in different ways: reducing non-inflammatory edema, reducing lipid deposits and blocking the glycation of collagen fibers.

Vegetable oils and butters are important functional agents in the formulation of cosmetic products, but they can also play an essential role as cosmetic actives.

Until now, a systematization of vegetable oils and butters as cosmetic actives with an anti-cellulite role has not been done.

The objective of this review is to highlight and list in a single work, the cosmetic assets such as oils and butters with an anti-cellulite role, analyzing the chemical composition, the anti-cellulite action mechanisms and the clinical studies existing to date regarding their anti-cellulite effect.

Keywords: cellulite, lipolysis, anti-edematous, oils and vegetable butters, collagen former

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1. Introduction

Edema fibro-sclerotic panniculopathy represents a dermo-hypodermic dystrophy, also popularly called "cellulite". In the scientific literature, we find it under the name of liposcerosis, dermo-hypodermic- edematous-fibrosclerosis or dermopaniculitis.

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