

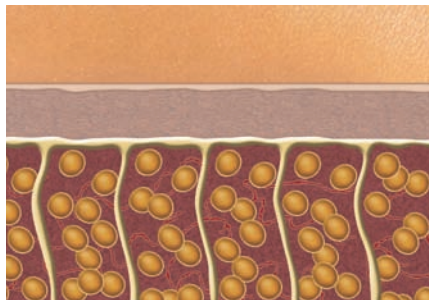
Studies show that 85-98% of post-pubertal women have cellulite. With the lack of proven treatments available, however, many practitioners and patients are looking for a solution they can believe in. SmoothShapes™ employs a scientific approach to cellulite treatment.



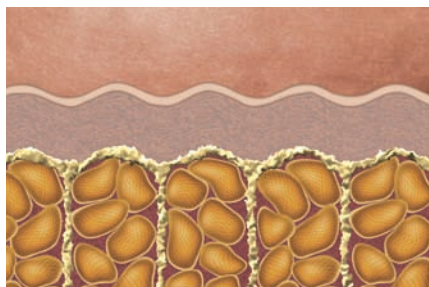
Unlike other cellulite devices, the SmoothShapes system treats cellulite by improving engorged adipocytes and fibrotic fibrous septae through a proprietary technology called Photomology™. Thermal and non-destructive, Photomology restores the cells by using a unique mechanism of action, combining dynamic laser and light energy with contoured rollers and vacuum to specifically impact components responsible for the appearance of cellulite. The result is tighter and smoother looking skin.

THE CAUSES OF CELLULITE

Cellulite is a skin condition marked by engorged fat cells trapped in a fibrotic network of fibrous septae located in the hypodermis. Women develop cellulite because the subcutaneous fat layer is separated by thin vertical columns in contrast to the crisscross network in men. These columns contain engorged cells, and allow herniation to be more visible on the skin's surface. Several genetic and physical factors contribute to the cause of cellulite. These include:



HEALTHY



CELLULITE

HORMONAL FACTORS – Hormones—not exercise or diet—primarily regulate fat storage and metabolism in the subcutaneous fat layer.

VASCULAR CHANGES – Increased deposition of GAGs (glycosaminoglycans) exerts pressure on the capillary walls, which leads to vessel permeability and excess fluid in the dermis, adipocytes and lobes of the fibrous septae. The ensuing edema results in vascular compression, decreased venous return and less oxygenation of tissue in the fibrous septae.

INFLAMMATION – When the fibrous septae housing the engorged fat cells becomes fibrotic or brittle and cannot stretch to support the skin, herniation of subcutaneous fat cells extrudes into the dermis, causing bumps and dimpling.