



COOLSCULPTING® FACTS-AT-A-GLANCE

CoolBodyContouring

Availability

CoolBodyContouring
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Target Patient

CoolSculpting is not intended as a weight-reduction program for overweight individuals. The best candidates for the procedure are people near their ideal body weight who eat well and exercise regularly and have pockets of fat that have not responded to a healthy lifestyle.

They are seeking spot reduction for specific areas of fat but are not considering a surgical procedure.

The Science Behind CoolSculpting

The CoolSculpting Procedure developed by ZELTIQ is based on sound science called Cryolipolysis. Cryolipolysis is the result of a groundbreaking discovery by Drs. Dieter Manstein and R. Rox Anderson at the Wellman Center for Photomedicine at Massachusetts General Hospital in Boston, a teaching affiliate of Harvard Medical School. ZELTIQ is the exclusive licensee of this patented technology and therefore the only company to provide Cryolipolysis.

Their initial work, first published in the peer-reviewed professional journal *Lasers in Surgery and Medicine*, proved that subcutaneous fat cells are naturally more vulnerable to the effects of cold than other surrounding tissue. These Harvard studies and other research from centers of excellence confirmed that fat cells, when exposed to precisely controlled cooling for a sustained period of time, undergo a gradual reduction and cell death through a process called "induced apoptosis."²

Company History

Founded in 2005, ZELTIQ is a global technology device company that developed a patented, non-invasive, clinically proven procedure to selectively reduce fat. It has licensed the exclusive commercial rights to Cryolipolysis from Massachusetts General Hospital as a non-invasive method of reducing fat. ZELTIQ is advancing the basic science, clinical evaluation, and commercial development of this technology. The company has developed an advanced medical device that utilizes this new discovery and is making it available to physicians specializing in cosmetic procedures.

1. Clinical data on file. ZELTIQ Aesthetics, Inc. Pleasanton, CA.
2. Manstein D, Laubach H, Watanabe K, Farinelli W, Zurakowski D, Anderson R. Selective cryolysis: a novel method of non-invasive fat removal. *Laser Surg Med.* 2008;40:595-604.

Disclaimer: In the U.S., non-invasive fat reduction is cleared only for the flank (love handle).

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