

How does SmartLipo Work?

SmartLipo utilizes medical-grade lasers to create a light beam, powerful enough to rupture fat cells and then melt the fat without traumatising the surrounding blood vessels, nerves and other soft tissues.

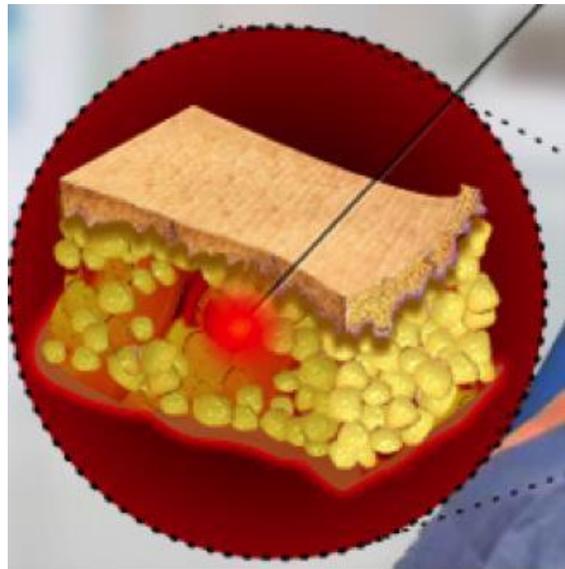
As a form of Laser Liposuction, the principle behind SmartLipo is to melt the fat by the use of thermal and photomechanical effects. The laser probe works at different wavelengths, depending on the SmartLipo machine. The combination of wavelengths is the key in liquefying adipose cells, helping coagulation and promoting the subsequent skin tightening. Bruising and blood vessel destruction are kept to a minimum.

Laser Liposuction Wavelengths

The combination of laser wavelengths is determined according to the objectives planned by the surgeon. A combination of 1064nm and 1440nm laser light wavelengths is used to disrupt the adipose tissue (fat cells) with a minimal recovery time in mind. Another application is the simultaneous use of the 1064nm and the 1320nm wavelengths. This wavelength combination aids in the coagulation process and later tissue tightening.

Many SmartLipo surgeons prefer tumescent anaesthesia. This provides them with an advantage when performing the fat melting and its subsequent extraction (suction). The tumescence swells the fat cells, facilitating the intervention.

One of the major advantages is the disruption of fat cells with a microscopic cannula, which translates into minimal invasion, tiny incisions and almost non visible scars. The liquefied fat cells are then extracted with the cannula using a mild suction. The extracted fat flows through a plastic hose and is captured in a plastic container. The surgeon can estimate how much volume of fat has been extracted in millilitres.



For additional information and free consultation please contact us

Helicopteros Sanitarios Hospital

Carretera Nacional 340 km 175

Puerto Banús, Marbella 29660 (Málaga)

 +34 951 104 714 +34 697 195 694

E-: info@dravbenitez.com