

Lipolysis and Liposuction Results Improved with MedSculpt

BY BOB KRONEMYER, ASSOCIATE EDITOR

Results from lipolysis and liposuction are enhanced with MedSculpt (FDA cleared) from General Project (Florence, Italy). The device performs elasto-massage in conjunction with ultrasound technology and light-emitting diode (LED) therapy.

“Normally, if I perform lipolysis alone, only five or six patients out of ten are satisfied with treatment,” said Stein Tveten, M.D., who owns three clinics in Europe (two in Germany, one in Norway) that offer aesthetic services. “But by adding the MedSculpt, the percentage of satisfied patients is over 90%.”

For weight loss, Dr. Tveten first injects 25 ml of phosphatidylcholin (PPC) per region. He then prescribes anti-inflammatory creams for two weeks, until the swelling is reduced. At 14 days post-injection, MedSculpt treatments begin twice a week for a period of six weeks.

Each session of MedSculpt always starts with ultrasound, “during which time we try to ‘crash’ the fat cells,” Dr. Tveten explained. This portion of treatment typically takes around ten minutes. “We then use the mechanical handpiece of the MedSculpt for lymphatic



Stein Tveten, M.D.
Norway

drainage and the transport of fat cells away from the area where the lipolysis has been performed,” he said. This portion also takes about ten minutes.

“The reason we use MedSculpt is to force the resorption of fat cells from the treated area to the liver and out of the body. We recommend weight loss, depending on the body mass index (BMI) of the patient. But the goal is to treat only people in the normal weight category, up to light overweight. Most people can expect to lose between 2 and 8 cm during the eight weeks of treatment, with 4 to 6 cm of reduction being the most common.”

Liposuction with MedSculpt is a much more effective treatment. “Performing liposuction alone sometimes



results in bumps and uneven areas. MedSculpt definitely prevents these occurrences.”

Fourteen days before liposuction, patients begin MedSculpt treatments, twice a week on the area to be treated. Ten minutes of ultrasound is followed by ten minutes of lymphatic drainage. “The goal of pre-treatment is to achieve better circulation and a higher transport capacity of blood, fat cells and lymphatic material post-liposuction,” Dr. Tveten explained. After liposuction, anti-inflammatory creams are applied for two weeks, until swelling is reduced. Patients also wear a corset for four to six weeks after treatment.

MedSculpt treatment continues for six weeks post-liposuction (twice a week). As with lipolysis, “each treatment always starts with ultrasound, in an attempt to crash the remaining fat cells. Normally, this treatment takes around ten minutes.” This is followed by the mechanical handpiece for lymph drainage and the transport of fat cells away from the treated area, again taking about ten minutes. “The MedSculpt restores a more natural appearance to the skin. The surface becomes more even. Irregularities are smoothed out. With liposuction alone, most patients have very uneven results.”

By combining liposuction with the MedSculpt, patients can lose between 5 and 20 cm. “We recommend weight loss depending on the BMI of the patient. Everything in our business is about results. With MedSculpt, I am achieving better results. This has led to more satisfied patients.” ■