

Smartlipo is the most revolutionary lipo-sculpting machine today!

Better!

Sculpts targeted areas with laser precision for a more natural result.

Safer!

Minimally invasive procedure that means less trauma on your body and shorter operating sessions.

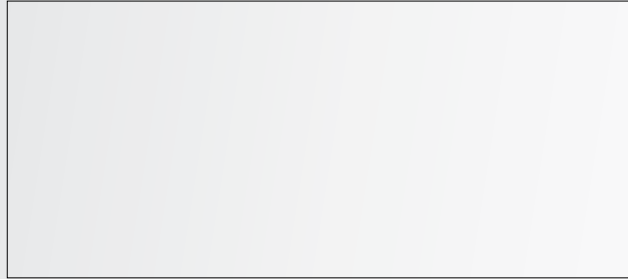
Faster!

Quicker post-op recovery time means life is not put on hold while you wait.



A more natural looking result!

Smartlipo is available at the following Bioscor Clinic



A More Beautiful You

Bioscor International Worldwide

A More Beautiful You no matter where you are, with offices and clinics around the globe.



For all location details check www.bioscor.com.au.

unLOved Handles?



Get rid of unwanted fat. Sculpt and tone problem areas.

Laser Lipolysis Better, Safer, Faster!



Bioscor International

Hair Regrowth & Cosmetic Medicine

LASER LIPOLYSIS USING SMARTLIPO LASER SYSTEM

SmartLipo is a short pulse Nd:YAG system that is used in laser assisted liposculpture. Traditional liposuction involves a vacuum pump inserted underneath the skin and sucking out the fat. This procedure is highly traumatic and can produce side effects like bruising, swelling and blood loss etc. Another disadvantage is the limited possibility of modelling the treated areas.

SmartLipo works differently by using the laser to destroy the cell membranes of fat tissue. They break down and are transformed into an oily substance that is immediately absorbed and eliminated in a natural manner by your body over a period of time. At the end of the treatment the fatty tissues are more compact, with greater suppleness and less surface unevenness.



Laser Lipolysis using the SmartLipo laser system is an innovative technique designed especially for removing excess fatty tissue by the interaction of a laser beam with adipocytes (fat cells). This results in the disintegration of the membranes of the adipocytes and the elimination of their contents, either naturally, or via aspiration.

SmartLipo offers a chance to carry out minimally invasive liposculpture treatments (cannulas have a diameter of only 1 mm), in a much less traumatic manner compared to traditional techniques.

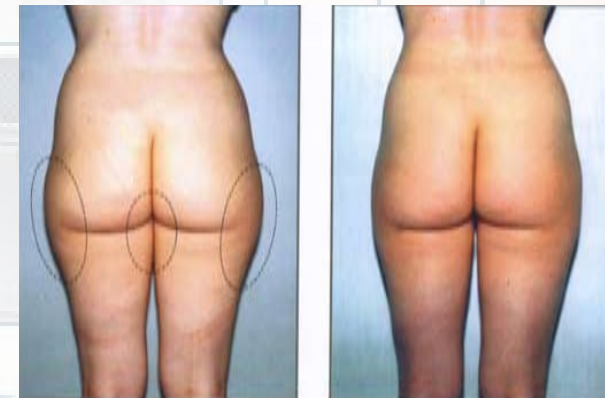
Disadvantages of Traditional Techniques:

- Limited possibility of modeling the areas treated
- The passage of the cannula creates subcutaneous hollows that are difficult to fill
- Rupturing of veins found in fatty tissue with considerable blood loss and subsequent haematomas (bruises) requiring long-term bandaging
- The need for a general anesthetic, allows for removing a litre of fat per session and some cases call for a blood transfusion with slow recovery times accompanied by widespread haematomas (bruises).

Laser Lipolysis represents the new standard in liposculpture. Its technique uses the high peak power of laser emission to rupture the membrane of the adipocytes (fat cells). The effect is both thermal and thermo-mechanical. It results in the production of an oily, low viscosity aggregate which facilitates optimal body modeling, and can also be removed with low pressure micro-pumps. SmartLipo uses an Nd:YAG system where the laser light is conveyed through micro-cannulas (with a diameter of 1 mm) into which an optical fibre of only 300 micrometers is inserted. The precise positioning of the cannula is highlighted via trans-illumination from a red guiding beam.

Advantages of Laser Lipolysis with SmartLipo:

- Reduced trauma
- Reduced invasiveness
- Simultaneous coagulation of blood vessels resulting in less blood loss
- Possibility of not aspirating the oily aggregate obtained with the laser action
- The laser action plus natural breakdown of the damaged fat cells both stimulate collagen production and thereby tighten the skin over the treated area
- Reduced recovery times and less constrictive bandaging
- Possibility of treating areas which would otherwise be considered unsuitable for traditional liposuction i.e. face, forearms, upper part of abdomen, and knees.



Before

After

Smartlipo