

Laser Lipolysis:

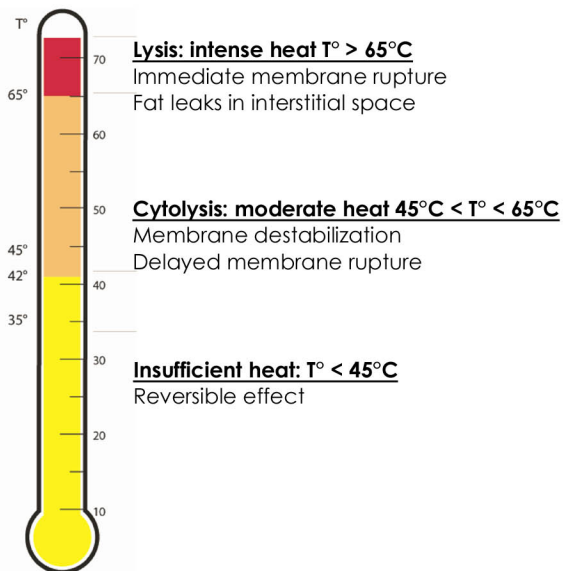
- Dedicated to treatments of localized fat deposits, resistant to exercise and diet.
- Exceptional results for the treatment of lax skin (chin, arm, inner thighs...)



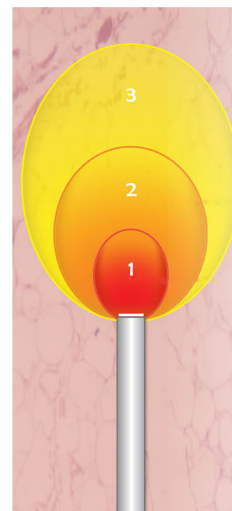
Laser Lipolysis Principle:

Insertion of a fiber-cannula into the subcutaneous tissue. The laser energy delivered through the 600µm optical fiber induces an elevation of temperature. This elevation of temperature leads to the destruction of fat cells, coagulation of micro-vessels and a skin retraction.

The elevation of tissue temperature:



980nm volumetric heating:



Tip of cannula

3. Reversible thermal damage: no lasting effect on adipocytes. Area of vessel coagulation.

2. Adipocytolysis: irreversible damage to cell wall. Adipocyte destruction and triglycerides release takes place 2-6 months after treatment

1. Lysis: mechanically destroyed area.

Before / After:

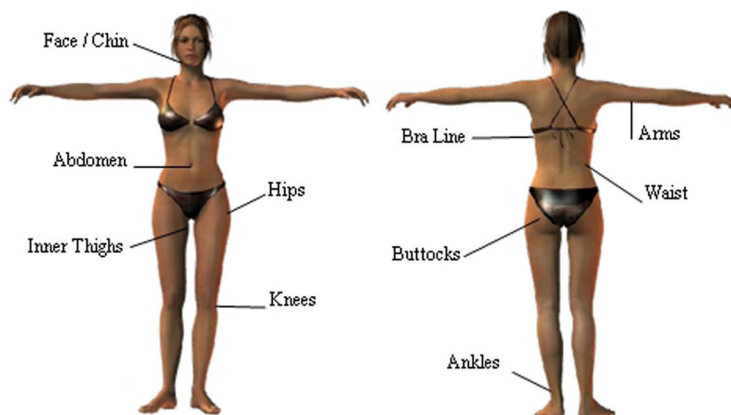


3-month results: Dr Sadick

Advantages of Laser Lipolysis:

- A 5-year clinical insights
- 1 single session
- Local tumescent anesthesia
- No traumatic procedure
- Homogeneous results
- No social downtime
- Skin tightening

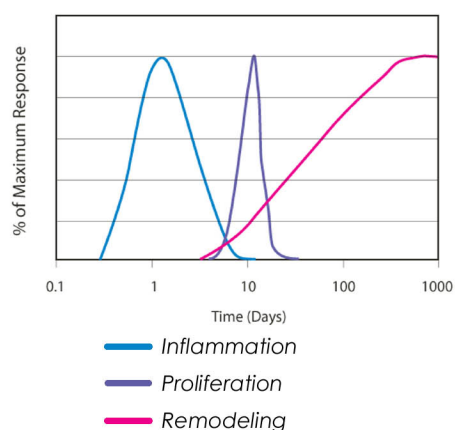
Areas:



A long-lasting skin tightening:

The stimulation generated by the laser thermal effect triggers an inflammatory phenomenon, leading to fibroblastic proliferation and collagen formation.

Formation of collagen is a process occurring over time. The results are gradual, becoming noticeable 2 months post-treatment and optimal and definitive 6 months post-treatment.



Recognized publications:

Lipolysis using a 980-nm diode laser: a retrospective analysis of 534 procedures.

Reynaud JP, Skibinski M, Wassmer B, Rochon P, Mordon S.
Aesthetic Plast Surg. 2009 Jan;33(1):28-36. Epub 2008 Oct 30.

Comparative Study of Wavelengths for Laser Lipolysis

Wassmer B. MSc., Zemmouri J. PhD., Rochon P MSc, Mordon S. PhD
Photomed Laser Surg. 2010 Apr;28(2):185-8.

Numerous publications are available on our web site:
www.osyrismedical.com/international/publications.php

Technical specifications:

Laser:	Diode laser
Wavelength:	980 nm
Power:	25 Watts
Emission mode:	Continuous
Laser Class:	Class 4
Dimensions:	H 45cm x L 45cm x I 35 cm
Weight:	15 kg
Platform:	Multi-applications: lipolysis, vascular, endovenous

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