

LOVELY II™

Vascular Lesions Hand Piece

Highly Safe, Effective and Fast Treatment of Vascular Lesions

The Vascular Lesion hand piece easily upgrades your Lovely II system to confront vascular-generated cosmetic flaws caused by heredity, medications, pregnancy, senescence and other environmental factors to perfection. It employs MSQ's proprietary Light Energy Optimization (LEO™) platform technology in the visible green (540-950nm) wavelength along with optimized adjustable treatment parameters to safely and effectively address a broad range of vascular imperfections by selectively targeting and coagulating chromophores – hemoglobin/oxy-deoxy. The denatured red blood cells and the endothelial cells are removed through a natural internal process – phagocytosis. The Lovely II Vascular Lesion hand piece provides outstanding result for the following benign vascular lesion indications:

- Port wine stains
- Hemangomas
- Telangiectasias
- Rosacea
- Angiomas
- Poikiloderma of Civatte

The Most Advanced Light-Based Technology Available

To achieve precision in selective absorption of the light energy and ensure erythrocytes coagulation and endothelial wall closure without causing epidermal damage, the Vascular Lesion hand piece employs LEO technology based on two novel electro-optical components:

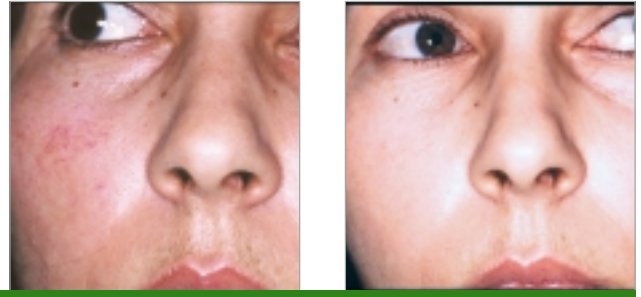
- **Advanced Fluorescence Technology (AFT™)**
A special filtering system that converts the unused shortwave light into the visible green spectrum (540-950nm), thus amplifying spectral emission and enhanced penetration without using excessive energy levels.
- **Equally Distributed Fluence (EDF™)**
An innovation in electrical engineering that enables emission of a continuous square-shaped pulse to achieve moderate peak power throughout the entire pulse duration, for outstanding results with unbeatable safety.



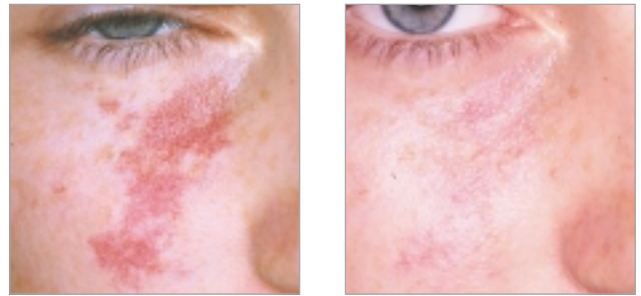
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A Spectrum of Benefits

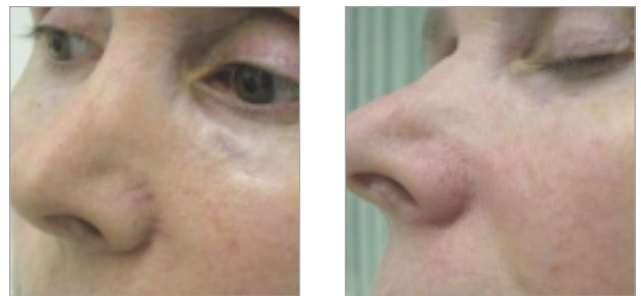
- The most advanced light-based vascular lesion treatment technology for unbeatable results and satisfaction.
- Ideal therapeutic optical window and pulse widths for treating benign vascular lesions with no adverse side effects or patient downtime.
- Optimal use of energy for increased safety and no need for cooling methods.
- Adjustable fluence and pulse width therapeutic parameters allow flexibility for treating a wide variety of indications and skin types.
- High patient throughput – large spot size and ultra-fast repetition rate enable removal of multiple lesions in a single, quick session.
- Lightweight ergonomic design, long umbilical cord and user friendly interface for fast, easy and fatigue-free procedures.
- Significantly lower cost of ownership and cost per pulse vs. most other systems on the market.
- Immediate action – Plug&Play technology using the Lovely II platform with no downtime or need for system configuration when switching between hand pieces.



Facial Telangiectasias - before and after 3 treatments



Port Wine Stain - before and after 4 treatments



Nose telangiectasia - before and after 2 treatments



■ Technical Specifications

Light Source

LEO Pulsed Light with AFT and EDF

Wave Length

540-950 nm

Energy Density (Fluence)

5-20 J/cm²

Treatment Area (Spot Size)

40x16 mm (6.4 cm²)

Pulse Width

10, 12, 15 msec

Pulse Repetition Rate

1/3 Hz

■ System Specifications

Electrical

100-120 VAC 5A, 50/60Hz

220-240 VAC, 5A, 50/60Hz

Weight

System - 88lbs. (40kg), Cart* - 77lbs. (35kg)

Dimensions (W x D x H)

26" x 18" x 16" (65 x 45 x 40 cm)

Cart* Dimensions (W x D x H)

22" x 22" x 30" (55x55x75 cm)

*optional



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