



LOVELY II™

300-380nm UVB targeted
phototherapy hand piece

Highly Effective Treatment of Psoriasis, Vitiligo and Repigmentation

Versatility

The Lovely II ultraviolet high-power targeted phototherapy handpiece sheds a new light on the treatment of skin dermatosis such as psoriasis, vitiligo, stretch marks (striae distenase) and hypopigmented scars. This incoherent 300-380 nm hand piece uses spectral irradiance in the highly efficacious UVB and UVA1 waveband to easily and effectively target and treat large and small skin areas while avoiding exposure to healthy skin. Treatment is especially suitable for patients with localized affected areas such as the hands, feet, knees, abdomen, and elbows. A full treatment session with the UVB/UVA1 handpiece takes only minutes, and has been shown to provide relief for most patients in fewer sessions than traditional UV phototherapy.

The Lovely II UVB/UVA1 hand piece clinical indications include:

- Leukoderma including Vitiligo
- Psoriasis
- Stretch marks
- Atopic dermatitis (eczema)
- Seborrheic dermatitis

Advanced Technology

Unlike existing light-based targeted UVB technologies, that operate with mercury lamp and lines spectrum, the Lovely II UV light source is using xenon lamp, continuous spectrum with black body emission. The use of cutting edge technology and optical design results in a new and improved treatment modality that greatly compliments the existing methods of treatment and offers high relief and satisfaction for patients who have stubborn localized psoriasis, vitiligo or stretch marks.

Efficacy and Speed

The UVB light is delivered accurately to the targeted area, resulting in higher efficacy without exposure of normal skin and no need for photosensitizing agents. The large spot size (40x16 mm) and high repetition rate allow for fast treatment of larger areas. In addition, UVB phototherapy is reimbursable*, thus reducing out-of-pocket expense.

* in certain countries



LOVELY II™

A Spectrum of Benefits

- The most advanced light-based targeted phototherapy treatment technology for unbeatable results and high patient satisfaction and relief.
- Combined UVB and UVA1 for the most effective treatment of localized leukoderma.
- Highly versatile capabilities for the proven treatment of a broad range of clinical indications such as psoriasis, vitiligo and stretch marks.
- Painless and safe procedure for all skin types (I-VI) with no patient downtime.
- Optimal step-wise dosimetry for increased safety.
- Precision adjusts size and shape of treatment areas.
- High patient throughput – large spot size enables the treatment of large skin areas in a single, quick session.
- Lightweight ergonomic handpiece 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 system downtime or need for configuration when switching between hand pieces.



Elbows - before and after 6 biweekly treatments



Palm - before and after 5 biweekly treatments



Masking templates in different shapes and size



■ Technical Specifications

Light Source	High pressure xenon lamp
Operational mode	Pulsed
Wave Length	300-380 nm
Energy Density (Fluence)	100-500 mJ/cm ² ; adjustable in 10 mJ/cm ² increments
Treatment Area (Spot Size)	40x16 mm (6.4cm ²)
Pulse Width	30, 40, 50 msec
Pulse Repetition Rate	1/6Hz

■ System Specifications

Electrical	100-120 VAC, 5A, 50/60Hz 220-240VAC, 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" (55 x 55 x 75cm)
	<small>*optional</small>

Courtesy of Hartley Thomas, M.D. and Michal Salomon, M.D.

/DAV's group/



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