

Mydon Long-Pulsed Nd:YAG Laser Improves Vascular and Hair Removal Treatments

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With a wavelength of 1064 nm, the long-pulsed Nd:YAG laser has the physical and technical features to enable use in hair removal and vascular treatment. Mydon by WaveLight Laser Technologie AG (Erlangen, Germany) is one of the latest generation of long-pulsed Nd:YAG lasers.

A Special Wavelength For Dual Application

Numerous scientific publications have approved the use of the long-pulsed Nd:YAG laser in hair removal, in particular for dark phototypes.

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Thanks to its specific parameters, energy density (up to 50 J/cm² for a spot measuring 10 mm) and long pulse widths (up to 90 ms), Mydon produces an optimum final result regardless of the skin phototype or type of hair.

Concerning the treatment of veins, Mydon Nd:YAG is probably best suited to use in phlebology.

The immediate photothermolysis of vessels with a diameter of less than 3 mm produces lasting results, provided that the weak underlying supply systems have been adequately treated. More a complementary than a competing treatment for sclerosis, Mydon adds the finishing touches to the treatment of telangiectasia and leg vein ectasia. Furthermore, its specific parameters are also suitable for treating facial vascular spider veins, capillary hemangiomas and facial rosacea (including on the nose).

Mydon is freely adjustable and is more than powerful enough for vascular applications: the handpiece measuring 3 mm has a maximum output of 300 J/cm² and 90 ms, and the handpiece measuring 1.5 mm has a maximum output of 450 J/cm² and 65 ms.

Ergonomics

Mydon has also been subject to ergonomic research to make it easier to use: a single flexible sleeve, interchangeable handpiece inserts which are immediately recognizable, and simplified and optimized parameter settings allow the practitioner to concentrate on the treatment rather than the device.



Huges Cartier, M.D.



Before Tx



After Mydon Tx

The user can switch between epilation and vascular mode automatically by simply changing the handpiece insert. The laser has five different diameters: 7 mm and 10 mm (including photon recycling) for hair removal and 1.5 mm, 3 mm and 5 mm for the treatment of veins.

Safety

The actively cooled handpiece makes contact with the skin in two ways: with the sapphire glass, and also with a metallic plate. By simply gliding over the area to be treated, the skin is cooled (pre-post- and parallel). This leads to acceptable levels of comfort for the patient.

Ease of use and good results make Mydon an ideal tool for aesthetic practitioners. Both for the treatment of veins and for hair removal, the proven wavelength of this Nd:YAG laser system and its long-pulsed mode make it an unrivaled tool which provides an alternative to other lasers or pulsed lamps with different wavelengths. ■



Before Tx



After Mydon Tx

<p>Psoriasis & Vitiligo</p>	<p>Scar Reduction, Skin Rejuvenation & Skin Resurfacing</p>	<p>LASER SYSTEMS for Aesthetics and Dermatology</p>	<p>Hair Removal</p>
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