

VascuStar[®] DYE

THE LATEST
INNOVATION IN
DYE LASERS



APPLICATIONS

- + Port-wine stains, angiomas and haemangiomas
- + Removal of telangiectasia and rosacea
- + Removal of dark spots
- + Scar treatment
- + Skin rejuvenation
- + Treatment of stretch marks
- + Psoriasis treatment
- + Wart treatment

THIS BROCHURE IS NOT INTENDED FOR U.S. MARKET

Asclepion
Laser Technologies



**CHOOSE THE
RIGHT SPOT SIZE**



VASCUSTAR® DYE – THE PERFECT SYNERGY OF LASER AND LIGHT

The VascuStar® DYE is one of the most innovative dye lasers on the market. With its revolutionary RightLight™ technology, it is suitable for numerous dermatological treatments. Due to this special technology the device absorbs the pulsed light of the lamp and re-emits with specific wavelengths. From indications such as psoriasis or warts through to pigmentations and skin rejuvenation, the VascuStar® DYE is the right choice for practices and clinics.

A LASER SOURCE FOR EVERY TREATMENT

The wavelength of the VascuStar® DYE, 595 nm, is ideal for treating various skin problems. It is optimally absorbed by haemoglobin and acts selectively on the treated area for particularly high protection of the surrounding skin structure. The VascuStar® DYE can be used in many ways. The system is just as good for medical, aesthetic indication such as port-wine stains (PWS), large-scale vascular malformations and superficial pigment spots as it is for psoriasis, warts and scars.



595_{nm}

- A** ... Infant nevus flammeus
- B** ... Angioma
- C** ... Rosacea
- D** ... Telangiectasia
- E** ... Scars
- F** ... Psoriasis
- G** ... Stretch marks
- H** ... Warts

Treatment pictures by courtesy of:

Prof. P. Bonan, M.D. - Prof. P. Campolmi, M.D. - Prof. G. Cannarozzo, M.D. - Florence, Italy





LASER HANDPIECES
WITH SPOT SIZES
FROM 5 TO 12 MM

INTEGRATED
COOLING SYSTEM

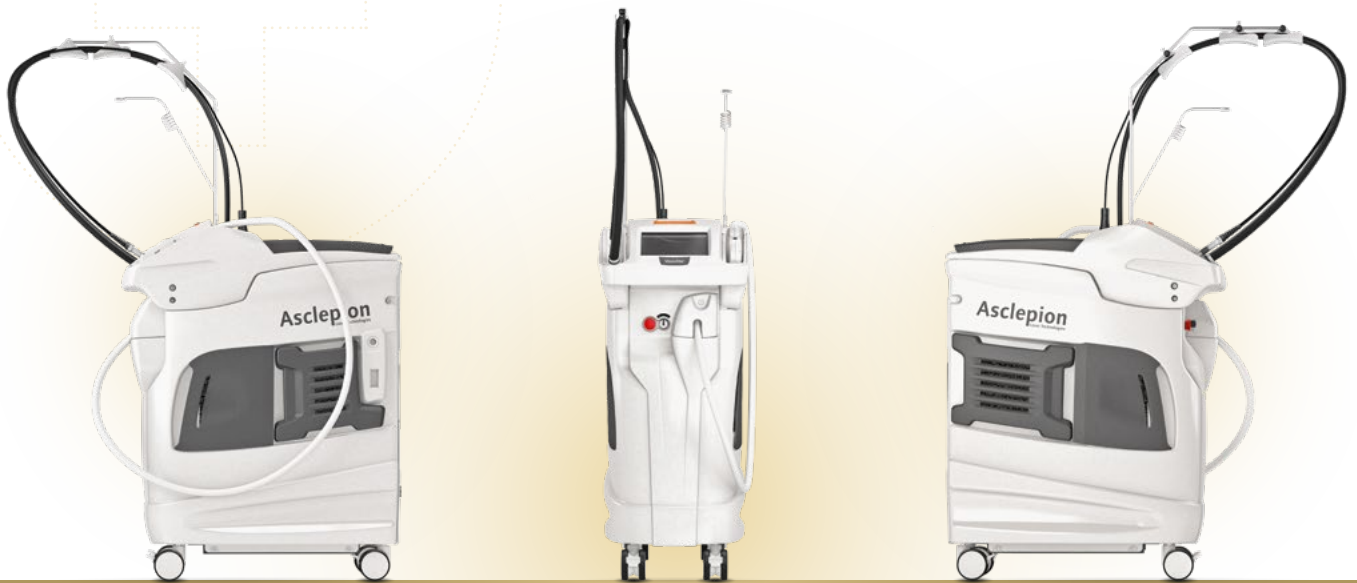
**RIGHT
LIGHT™**

400,000
FREE SHOTS

LIGHT SOURCES WITH DYE: DYE LASER AND
DYE LAMP WITH RIGHTLIGHT™ TECHNOLOGY

READY TO GO – INTEGRATED USER
DATABASES FOR ALL INDICATIONS

Advantages



VascuStar[®] DYE

- + RightLight™ technology: Handpieces with selectively pulsed flash lamp
- + Possibility to minimise purpura as much as possible thanks to the combination of a dye laser and RightLight™ technology
- + Two light sources with DYE colour source:
Dye laser and flash lamp with RightLight™ technology
- + Four laser handpieces with spot sizes from 5 mm to 12 mm with automatic detection and calibration

RIGHTLIGHT™

Innovation through and through: The RightLight™ technology was developed specially for the VascuStar® DYE. Using this technology and the associated handpiece, the pulsed light propagates through the same active medium (the DYE solution) of the dye laser source. Through the physical conversion of light, the handpiece generates a unique, highly effective colour spectrum, which enables previously unimagined treatment results.

The light source is encased in a special handpiece, the emission characteristics of which are similar to the dye laser, but which has a much larger treatment surface of up to 6.2 cm². This makes the VascuStar® DYE particularly efficient and safe, as its innovative RightLight™ technology also prevents the annoying problem of purpura following treatment of superficial vascular injuries.

With the innovative RightLight™ handpiece, it is also possible to remove even less pronounced and more superficial vascular lesions – with none of the side effects or complications that can occur with conventional dye laser treatment.



RIGHT LIGHT™

Small
OPTIONAL

Large
STANDARD

The VascuStar® DYE comes with four additional handpieces. They range in spot size from 5 to 12 mm. This range allows the user to achieve ideal results in various treatment areas for a wide variety of applications – for maximum flexibility in just one device.



ASCLEPION

EXPERTISE, EXPERIENCE, SUCCESS

Asclepion Laser Technologies has been one of the leading manufacturers of advanced laser systems for dermatology, aesthetic medicine and surgery on the international market for medical lasers for over 40 years. The company is located in the so-called «Optical Valley» in Jena, known around the world as the home of the German optics industry, and continuously invests in researching and developing new technologies. Today, customers in more than 70 countries trust the Made in Germany technology and the proven scientific expertise of Asclepion.

VascuStar® DYE, Asclepion's first generation of products in the dye laser sector, is backed by effective technology, maximum safety and the highest quality.



For us, high quality also means having a customer-oriented approach. That is why we work hard every day to provide not only the best technology but also full service, to give you all-round support.

TRAINING & EDUCATION



Both national and international training courses take place regularly at our training centre in Jena. This allows our customers to learn everything they need to know from us in order to use our laser devices safely and effectively.

For more information, visit:
www.asclepion.com/academy

MARKETING & WEB CLUB



A wide range of advertising materials is available from the Asclepion WEB CLUB. This is an online platform that provides you with real-time access to the latest information and important documents – for the success of your practice.

For more information, visit:
www.asclepion.com/webclub

TECHNICAL SERVICE



Our highly specialised technical support, which is provided both directly and via our network of local distributors, accompanies customers from the setting up of their devices through to providing support in the event of a defect or in delivering spare parts.

For more information, visit:
www.asclepion.com/service

TECHNICAL SPECIFICATIONS

LASER MODULE	
Laser type	Dye laser, class 4
Wavelength	595 nm
Spot sizes	5 mm; 7 mm; 10 mm; 12 mm
Max. fluence	33 J/cm ² @ 5 mm spot size, 19 J/cm ² @ 7 mm spot size, 10 J/cm ² @ 10 mm spot size, 7 J/cm ² @ 12 mm spot size
Pulse duration	0.3 ms – 40 ms
Repetition rate	0.2 Hz – 1 Hz
Emission control	Foot or finger switch
Internal database	Pre-set treatment recommendations, can be upgraded via USB. Storage option for specific user protocols.
User interface	LCD colour touchscreen (10.4")
Dimensions; weight	120 cm x 49 cm x 100 cm (W x H x D); 175 kg

RIGHTLIGHT™	
Laser type	Pulsed dye lamp with RightLight™ technology
Emission spectrum	550 nm – 1200 nm spectrum, optimised at 595 nm
Max. fluence	25 J/cm ²
Treatment areas	Large handpiece (Standard): 48 mm x 13 mm (6.2 cm ²) with optional window of 24 mm x 13 mm (3.1 cm ²) Small handpiece (optional): 15 mm x 13 mm (2 cm ²)
Pulse duration	2 ms – 20 ms (single); 9 ms – 66 ms (double); 16 ms – 124 ms (triple)
Pulse number	1 to 3
Pulse delay duration	5 ms to 50 ms
Pulse repetition cycle	2 s – 6 s (in 1-second steps)
Emission control	Foot or finger switch

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treatment laser	wavelength	595 nm
	pulse energy	9.6 J
	pulse duration	≤ 40 ms
	laser class	4
pilot laser	wavelength	532 nm
	peak power	≤ 4 mW
classified	acc. to	EN 60825-1: 2014