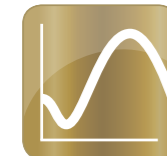


# WHY PROYELLOW

## Yellow is the optimal wavelength for vascular treatments:

- Peak of hemoglobin absorption
- Less melanin absorption for fewer side effects
- Less fluence needed
- Shorter pulses possible, for a more effective treatment for fine vessels



## HOPSL:\*\* the latest optically pumped laser technology

- High power
- High reliability
- No power drop
- Small, compact, light device
- No consumables
- Low running costs

## Homogenous beam profile

Specially developed optics which guarantee a homogeneous beam profile, for a safe and precise treatment.



## Table top device with integrated skin cooling and scanner\*

- Quick and accurate treatment of larger areas (e.g. couperosis or port-wine stains of a certain size)
- More comfort for the patient
- Reduced side effects



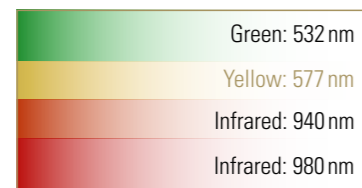
## Accessories

- Handpieces with different spot sizes
- Fibers for several indications (e.g. EVLT)
- Special footswitch to adjust the fluence and/or repetition rate for an efficient workflow\*
- Carrying case\*



## Yellow & more

The device is available in 4 different wavelengths, allowing a wide range of treatments



\* optional  
\*\* High-power Optically Pumped Semiconductor Laser



**Asclepion**  
Laser Technologies

FOLLOW US:



Asclepion Laser Technologies | Brüsseler Str. 10 | 07747 Jena | Germany | www.asclepion.com

Q.SPRO 001 1115 EN



# THE ASCLEPION EFFECT

## QuadroStarPRO

THE FIRST YELLOW TABLE TOP LASER IN DERMATOLOGY

Solid State | Scanner | User friendly

## APPLICATIONS

VASCULAR LESIONS  
PIGMENTED LESIONS  
ENDOVASCULAR TREATMENTS  
NAIL TREATMENT



**MADE IN GERMANY**

Brochure not for the U.S.A.

**Asclepion**  
Laser Technologies

# WHY ASCLEPION



## Training through our ACADEMY

Trainings are held regularly in the Asclepion ACADEMY training center based in Jena, with participants from all over the world. Moreover, our reference centers throughout the world are available for interested physicians.

## Being prepared for success

Asclepion supports its customers with a wide range of marketing kits and materials.

**The Starting Kit:** guides, manuals and protocols for assisting the physician through all the phases of use.

**The Welcome Kit:** additional materials such as patient information flyers, posters, pre-post laser treatment guide and anamnesis forms.

**The Premium Kit:** exclusive marketing tools for further improvement and organization of the Clinic – marketing guide, advanced waiting room tools, create your own website.

## The WEBCLUB and the advantages for physicians

The Asclepion WEBCLUB is a special online platform for all distributors and physicians. This exclusive area offers a lot of advantages: application information, pictures, videos and much more.

Today, **more than 60 countries** trust in the »Made in Germany« technology of Asclepion and its proven scientific expertise.

The Asclepion Effect is a customer orientated philosophy: a full range of service and assistance for customer and distributors in order to support and accompany them even after the purchase.

## Technical assistance and guarantee

**Maximum specialist technical assistance**, both directly and through a network of local distributors.

1977  
Company foundation

1984  
DL 5000

1993  
DLS 5

2002  
BeautyStar

2004  
QuadroStar

2006  
QuadroStar

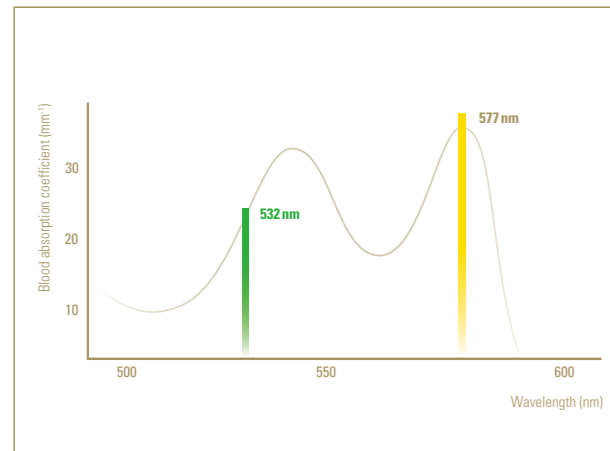
PRODUCT HISTORY

# INDICATIONS INDICATIONS INDICATIONS INDICATIONS TOUCH & START SPECIFICATIONS\*

## VASCULAR LESIONS

The QuadroStarPRO with 532 nm or 577 nm is the ideal tool for vascular treatments.

The green wavelength (532 nm) is strongly absorbed by hemoglobin, which is the target when treating blood vessels. The yellow wavelength (577 nm) is even more selective, since it is situated at the maximum peak of hemoglobin absorption.



The QuadroStarPRO<sup>YELLOW</sup>, thanks to its special wavelength of 577 nm, represents the Gold Standard for vascular treatments. It allows fast, effective and safe treatments reducing the side effects. Less fluence is needed for achieving the expected results and, thanks to the lower melanin absorption (compared to 532 nm), it is also suitable for the treatment of darker skin types.

The QuadroStarPRO with 532 nm or 577 nm allows the effective treatment of many vascular lesions, such as:

- Telangiectasia
- Rosacea, spider nevi
- Cherry angiomas, Venous lake
- Small port-wine stains
- Hemangioma
- Small red leg veins



Couperose | before

By courtesy of Dr. P. Wood, Bad Homburg, Germany



Couperose | after

The use of the scanner with skin cooling allows faster treatments of larger areas such as couperosis, port-wine stains or telangiectasias of a certain size, granting reduced side effects and more comfort for the patient.



Telangiectasia | before

By courtesy of Dr. P. Wood, Bad Homburg, Germany



Telangiectasia | after

## ENDOASCULAR TREATMENTS

The QuadroStarPRO with 940 nm is minimally invasive in treating varicose veins, guaranteeing effective and cutting edge treatment for venous incompetence.

The treatment can be performed under tumescence anesthesia. The fiber is inserted into the vein to be treated via a small incision. When the laser is activated, the fiber is slowly drawn back under ultrasound control. The laser energy closes the vein. When compared to the stripping technique, laser treatment means less trauma and fewer side effects. It offers fast recovery times and excellent clinical and aesthetic results. Asclepion has also developed a specific EndoSet with catheter and an adapted fiber locking system that assists the physician during the operation.



Varices | before

By courtesy of Dr. A. Shermatov, Tashkent, Uzbekistan



Varices | after

## NAIL TREATMENT

The wavelength 980 nm of QuadroStarPRO is excellent for nail treatment. Thanks to the high power and high frequency of the device, it is possible to treat the nail very quickly and to allow for a healthy regrowth of the nail.



before nail treatment

By courtesy of Asclepion Laser Technologies

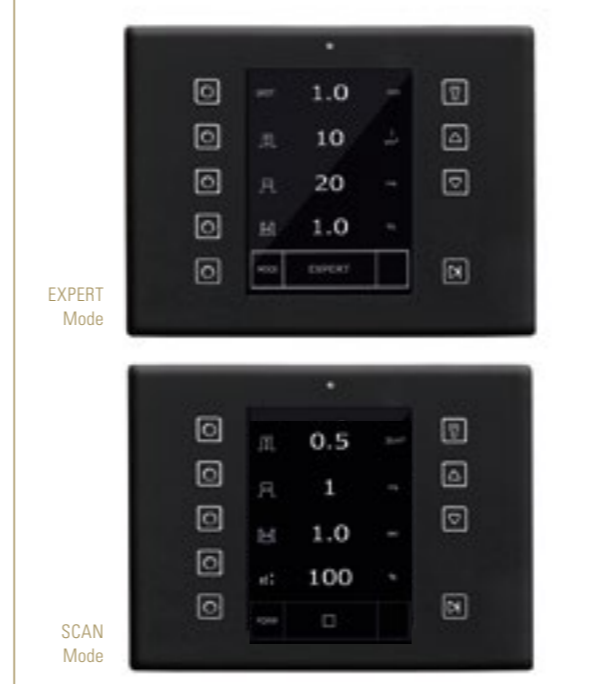


4 month after one treatment

## OTHER APPLICATIONS

QuadroStarPRO is minimally invasive in treating many other skin lesions such as warts or benign epidermal pigments and in the vaporization of soft tissue.

## DISPLAY & SOFTWARE FEATURES



### SIX DIFFERENT MODES FOR ALL THE VERSATILITY YOU

- + **BASIC:** The fixed spot size (1 mm) and the automatically adjusted pulse length allow to perform fast parameter settings for standard treatments.
- + **EXPERT:** Spot sizes and pulse length can be adjusted for an advanced optimization of the treatments.
- + **BURST:** The pulses are emitted with an alternating sequence of 3 ms emission and 3 ms pause, for a gentle treatment of difficult lesions.
- + **VARIX:** In this mode the user can adjust the power, pulse length and interval between pulses directly. In addition, the applied total energy and time are displayed.
- + **CW:** The user can set the desired power and the laser light is emitted in continuous wave..
- + **SCAN:** It is automatically activated when the scanner is connected. This mode allows for fast and comfortable treatments thanks to the integrated skin cooling and the adjustable shapes and cover rate.

<b>DEVICE</b>	QuadroStarPRO***
<b>LASER TYPE</b>	HOPSL** (577, 532 nm), class 4 Diode (940, 980 nm), class 4
<b>WAVELENGTH</b>	532, 577, 940 or 980 nm
<b>POWER</b>	Max. 5 W @ 577 nm Max. 8 W @ 532 nm Max. 30 W @ 940 or 980 nm
<b>PULSE LENGTH</b>	1 ms – 95 s and CW
<b>FREQUENCY</b>	0.5 – 100 Hz
<b>MODES</b>	BASIC, EXPERT, SCAN, BURST, VARIX, CW
<b>SPOT SIZE</b>	<b>HOPSL:</b> Standard 1.0 mm Optional 0.5; 1.5; 2.8 mm <b>Diode:</b> Standard bare fiber or 3.5 mm handpiece
<b>SCANNER (OPTIONAL)</b>	<b>Spot size:</b> 1 mm <b>Scan size:</b> Max. 15 x 15 mm <b>Spot density:</b> 100% / 80% / 60% <b>Shapes:</b> □ □ ○
<b>SIZE</b>	42 x 38 x 19 cm (W x D x H)
<b>WEIGHT</b>	< 12 kg

\* All specifications are subject to change without notice.  
\*\* High-power Optically Pumped Semiconductor Laser  
\*\*\* QuadroStarPRO YELLOW / QuadroStarPRO GREEN / QuadroStarPRO 940 / QuadroStarPRO 980

## CHOOSE YOUR WAVELENGTH

577 or 532 nm	Superficial vascular lesions and benign pigmented lesions such as: <ul style="list-style-type: none"> <li>• Telangiectasia</li> <li>• Couperosis</li> <li>• Spider Nevus</li> <li>• Cherry angioma</li> <li>• Venous lake</li> </ul>	<ul style="list-style-type: none"> <li>• Hemangioma</li> <li>• Port wine stains</li> <li>• Little red leg veins</li> <li>• Warts</li> <li>• Sebaceous hyperplasia</li> </ul>
940 nm	• Endovascular procedures	
980 nm	<ul style="list-style-type: none"> <li>• Nail treatment</li> <li>• Vaporization of soft tissue</li> </ul>	

