

# WHY MCL31

## Patented smoke evacuation system integrated in the device and handpiece

- Exclusive handpiece design for optimum aspiration of the particles
- Automatic activation from the footswitch
- No assistance & no supplementary smoke evacuation device required
- Minimum noise



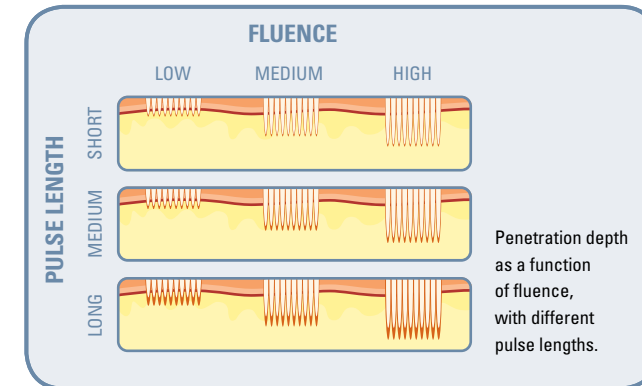
## Tunable footswitch\*

First laser with special foot-switch allowing the physician to adjust the fluence by foot for an efficient workflow.



## Adjustable pulse length

Allowing different applications for different effects on the skin: cold, warm and hot ablation.



\* optional

## VarioTEAM hanpiece with spot size variation

- Vary spot size simply by turning a ring on the handpiece
- Spot size variation immediately recognized by the device
- Considerable time saving and greater user-friendliness



## MicroSpot handpiece with variable coverage\*

- Microlens array for unique precision
- Change the skin coverage rate simply by turning a ring on the handpiece
- Adjustable MicroSpot diameter



## Homogeneous beam profile

Advanced optical system which guarantees a homogeneous beam profile, for a safe and precise treatment

## Clear treatment area thanks to the coagulation method

- Thermal mode application for curbing pinpoint bleeding that occurs during skin ablation
- Clear and visible treatment area for safe and faster application

## Fast amortization

- Wide range of applications
- Lower operating costs
- No consumables
- Upgrade for fractional laser therapy



**MADE IN GERMANY**

NOT FOR SALE IN THE U.S.A.

**Asclepion**  
Laser Technologies

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## MCL31 Dermablate

**THE EVOLUTION OF THE  
BESTSELLING ERBIUM  
LASER IN THE WORLD**

Stronger | Reliable | Faster

## APPLICATIONS

EPIDERMAL AND DERMAL LESIONS  
FRACTIONAL LASER THERAPY  
SCAR TREATMENT  
SKIN RESURFACING



# 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

1995  
MCL29 Dermablate

1998  
Dermablate D1

2002  
DermaStar

2004  
MCL30 Dermablate

2008  
Dermablate Effect

PRODUCT HISTORY



# INDICATIONS INDICATIONS INDICATIONS TOUCH & START SPECIFICATIONS\*

## EPIDERMAL AND DERMAL LESIONS

The MCL31 Dermablade allows for performing ablations on the skin with a degree of precision that can be measured in microns. In this way it is possible to remove a large variety of lesions at the level of the epidermis and dermis in a totally safe and gentle manner. No anaesthetic is necessary with Dermablade in the treatment of small lesions.



Epidermal naevi | before



Epidermal naevi | after

By courtesy of Dr. R. Hartmann, Blaustein, Germany

## SCAR TREATMENT

Traumas, acne or diseases like chicken pox, often leave indelible marks in the skin that create discomfort. It only takes Dermablade a few minutes to eliminate scars and restore renewed smoothness and wellbeing to patients.



Acne scars | before



Acne scars | after

By courtesy of Prof. Kabir Sardana, Delhi

## FRACTIONAL & FULL SKIN RESURFACING

The MCL31 Dermablade offers two possibilities to handle facial skin conditions: Full Skin Resurfacing, with results proven by longstanding experience, can be performed in the ablation mode. Additionally, a fractional laser therapy can be realized with the MicroSpot handpiece, whereby only fractions of the skin will be ablated. With this mode no anesthesia is necessary, the expenditure for the doctor is reduced and the downtime for the patient minimized, so patients are able to continue their everyday life after a few days.

## INDICATION OVERVIEW

- Skin resurfacing
- Periorbital wrinkles
- Perioral wrinkles
- Acne scars
- Exophytic scars
- Lentigines
- Café-au-lait spots
- Becker naevi
- Naevi Spili
- Epidermal naevi
- Xanthelasma
- Syringomas
- Adenoma sebaceum
- Milia palpebrarum
- Actinic keratoses
- Seborrhic keratoses
- Morbus Favre-Racouchot

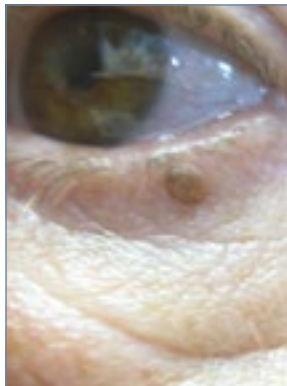


Fractional laser therapy | before

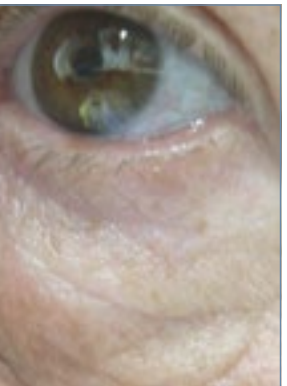


Fractional laser therapy | after

By courtesy of Prof. Dr. Daniel Cassuto, Milano, Italy



Fibroadenoma | before



Fibroadenoma | after

By courtesy of Dr. Klaus-Peter Koch, Harsefeld, Germany

## DISPLAY & SOFTWARE FEATURES



ABLATION-Mode



MICROSPOT-Mode

- **Clear and sharp display with touch sensitive buttons** for a pleasant working environment

- **Userfriendly interface** for an optimum treatment procedure

- **Several background colors** according to personal preference

**THREE DIFFERENT TREATMENT MODES FOR ALL THE VERSATILITY YOU NEED**

- ➕ **ABLATION:** This mode is for full skin ablation and allows the user to perform fast and safe treatments on all patients.

- ➕ **THERM:** Thanks to the thermal mode it is possible to limit any bleeding that can occur during ablative treatments.

- ➕ **MICROSPOT:** This mode is for fractional skin ablation and allows the user to perform a fractional treatment with lowest risk of side effects.

DEVICE	MCL31 Dermablade
LASER TYPE	Er:YAG, class 4
WAVELENGTH	2,940 nm
ENERGY	2.5 J
FLUENCE	Max. 250 J/cm <sup>2</sup>
PULSE LENGTH	100 – 1,000 µs
FREQUENCY	1 – 20 Hz
MODES	Ablation, Therm, MicroSpot
SPOT SIZE	<b>Ablation:</b> 1 – 6 mm (Vario) 8 – 12 mm (Vario XL <sup>**</sup> )  <b>MicroSpot:<sup>**</sup></b> 13 x 13 mm with variable skin coverage rate of 10 – 25 %

SIZE	36 x 60 x 93 cm (W x D x H)
WEIGHT	Approx. 75 kg

\* All specifications are subject to change without notice.  
\*\* optional

