

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



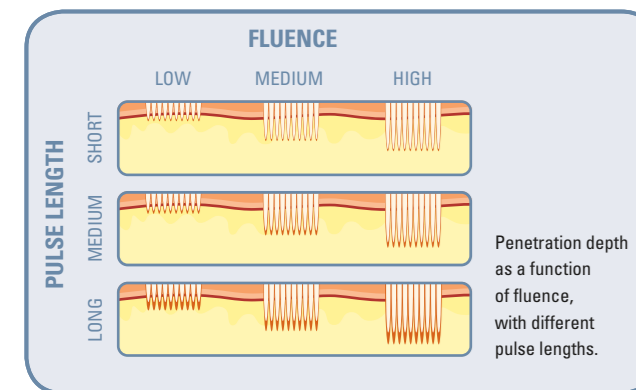
Tunable footswitch*

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



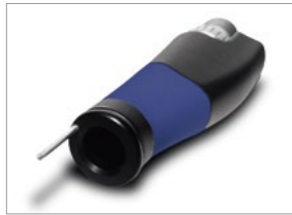
Adjustable pulse length

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



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



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

* optional



MADE IN GERMANY

FDA CLEARED

Asclepion
Laser Technologies

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MCL31 001 0017 US

THE ASCLEPION EFFECT

MCL31 Dermablade

THE EVOLUTION OF THE
BESTSELLING ERBIUM
LASER IN THE WORLD

Stronger | Reliable | Faster

APPLICATIONS

EPIDERMAL AND DERMAL LESIONS
ABLATIVE SKIN RESURFACING
BENIGN PIGMENTED LESIONS



MADE IN GERMANY

Brochure only 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.

1995
MCL29 Dermablade

1998
Dermablade D1

2002
DermaStar

2004
MCL30 Dermablade

2008
Dermablade Effect

1977
Company foundation

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

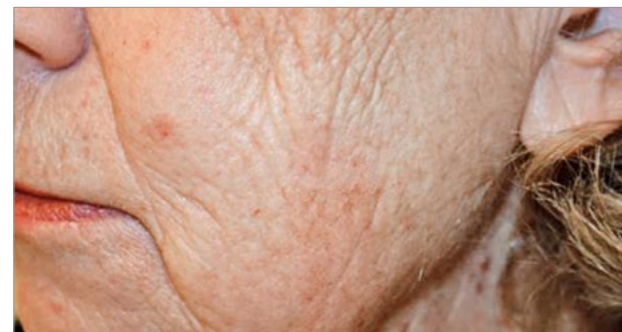
By courtesy of Dr. R. Hartmann, Blaustein, Germany

BENIGN PIGMENTED LESIONS

Pigmented lesions, and in particular age spots, are increasingly regarded by the persons affected as a cosmetic blemish. Age spots occur in 50% of women and 20% of men over the age of 50. As such signs of ageing are increasingly being seen as annoying, the readiness to have these removed privately is also growing. Pigmented lesions may be treated using ablative lasers such as the MCL31 Dermablade, that thanks to its cold ablation allows for a safe and gentle treatment.



Lentigo senilis | before



Lentigo senilis | after

By courtesy of Dr. Said Hilton & Heike Heise, Germany

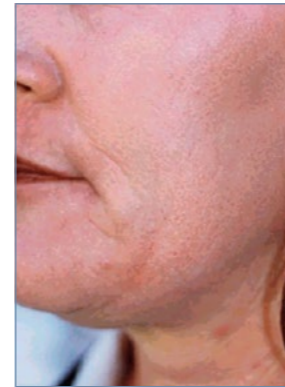
FULL SKIN RESURFACING

There has been significant interest in non-invasive methods to effectively improve skin texture without patient downtime. The ablative lasers are able to achieve these results thanks to a light procedure which allows dermal damage to be controlled. Wound healing leads to skin remodeling and a reduction in superficial wrinkles, skin toning and the removal of pigmented spots in the epidermis.

Erbium lasers have been used as an effective instrument in skin resurfacing for many years. They are more precise and effective than chemical peels when it comes to removing the top layers of the skin, which causes smooth new skin to form and collagen to be renewed.

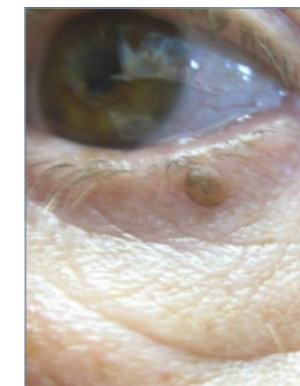


Skin resurfacing | before

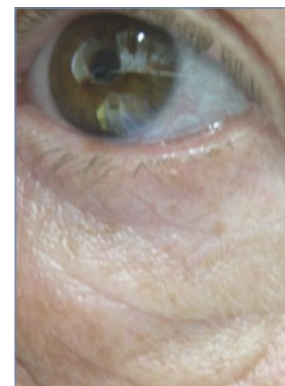


Skin resurfacing | after

By courtesy of Dr. D. Fleming, Australia



Fibroadenoma | before



Fibroadenoma | after

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

INDICATION OVERVIEW

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

DISPLAY & SOFTWARE FEATURES



ABLATION-Mode



THERM-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

TWO 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.

SPECIFICATIONS*

DEVICE	MCL31 Dermablade
LASER TYPE	Er:YAG, class 4
WAVELENGTH	2,940 nm
ENERGY	2.5 J
FLUENCE	Max. 250 J/cm ²
PULSE LENGTH	100 – 1,000 µs
FREQUENCY	1 – 20 Hz
MODES	Ablation, Therm
SPOT SIZE	1 – 6 mm (Vario) 8 – 12 mm (Vario XL **)
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

