



microDERM

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microDERM® - the professional imaging system

With its unique technology the microDERM® image documentation system is the leading next generation dermatology instrument for early skin cancer recognition.

Developed in co-operation with numerous dermatologists the suitability of the system for every day clinical application is assured. High quality components, complex image capture and control mechanisms combined with simple software handling provide error-free operation with brilliant image quality.

Automation and imaging standardisation, the keys to efficient examination, allow for professional systematic early recognition of skin cancer and high quality patient care.



efficient image documentation
straightforward follow-up
optimised doctor-patient clinical partnership
reliable diagnosis support

practical clinical application

microDERM® skin survey can be performed with highly reliable systematic efficiency. The accurate pre-selection of relevant images for follow-up and independent diagnosis assistance makes this patented dermatology precision instrument particularly relevant clinically.



the intelligent camera

Our long-term experience with the development of analytical image processing systems results in the recognition of key dermoscopic features combined in one compact system.

standardised image quality

Highly standardised images are essential to dermoscopic examination and follow-up. The microDERM® offers a high quality imaging system pre-calibrated under stringent medical standards to ensure consistently safe and reliable diagnosis.

user-friendly camera ergonomics

With just one camera both clinical and dermoscopic images can be taken in high-resolution image quality. An examined skin lesion directly displayed on-camera LCD and live-view on PC or laptop screen can be presented in different magnifications via on-camera button control.

assistance in your daily routine

- standardised images
- variable magnification
- high-resolution images
- patient-friendly camera ergonomics
- brilliant overview images
- straightforward image management



high-precision optics with clear daylight spectrum lighting

A patented high-precision optical system process ensures that colour, brightness variations or geometric distortions do not occur. The dermoscopic images are supplemented by 3D information in high resolution.

professional image documentation for all areas

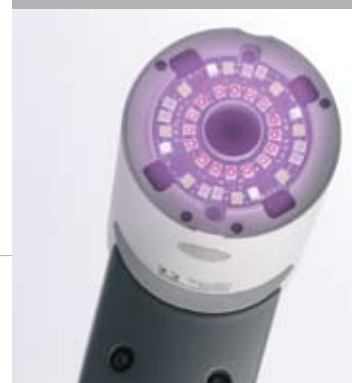
Photo quality overview shots may be used to document pre- and post-operative aesthetic treatment status. Flexible choices in a clearly arranged image documentation system offer various image storage and follow-up possibilities. Images can be shared via e-mail or printed on high-quality photographic paper.



overview image



polarised light mode



pdd-examination mode

advantages at a glance

- HD camera chip
- illumination of the skin with daylight spectrum
- optical zoom magnifications x15, x50, x120
- on-camera live LCD - colour display
- universal clinical and microscopic images
- USB-interface



comparison at a glance

A unique feature of the microDERM® system is the replicable image standardisation accomplished as pre-requisite to reliable reproducible computer supported diagnosis.

Unique integrated microprocessors adjust the exposure intensity and colour mixture automatically to provide uniformly standardised image quality in all magnifications. Time consuming manual calibration by the user during operation is not necessary. Highly detailed true to life best quality colour images are produced within seconds.

a system for everyday practice

Our patented system allows magnification changes and software function regulation at the touch of an on-camera button. Overview or demoscopy images can readily be taken alternately with the single camera system in a smooth sequence.

This time saving concept allows a doctor to focus his concentration primarily on the patient. Using the macro-function even large skin areas can be documented with no inconvenient necessity to switch cameras or even camera lens optics.

Impressive images support your verifiable documentation of treatment successes when informing patients about the progression and outcome of treatment methods.

camera features

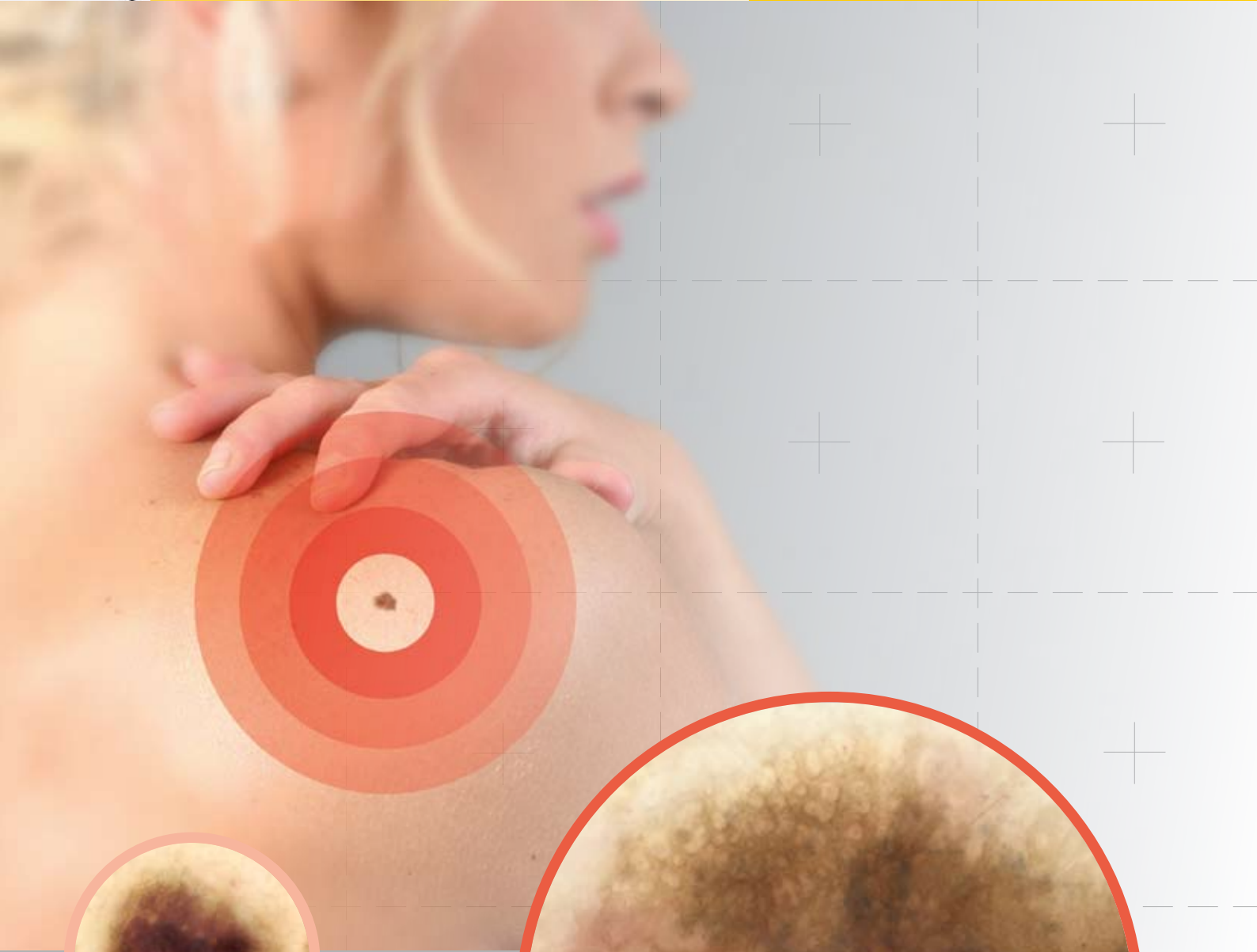
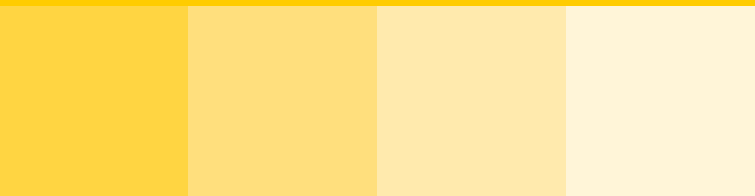
- consistent image quality
- concise image performance
- recording of minimal changes
- efficient, straightforward handling
- authentic image display
- intuitive accessibility



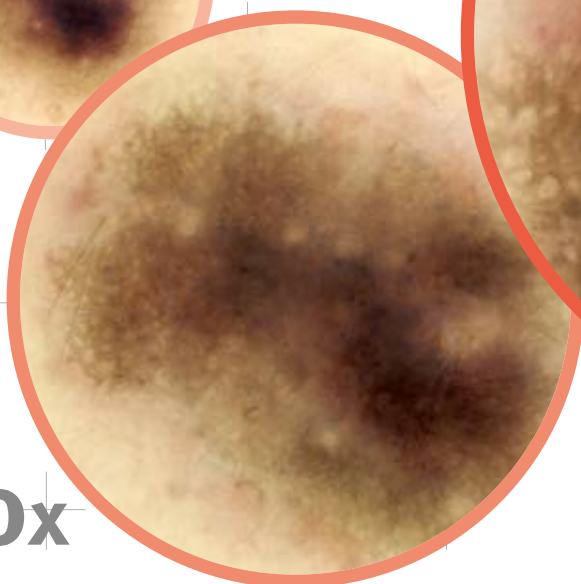


bringing it all to light

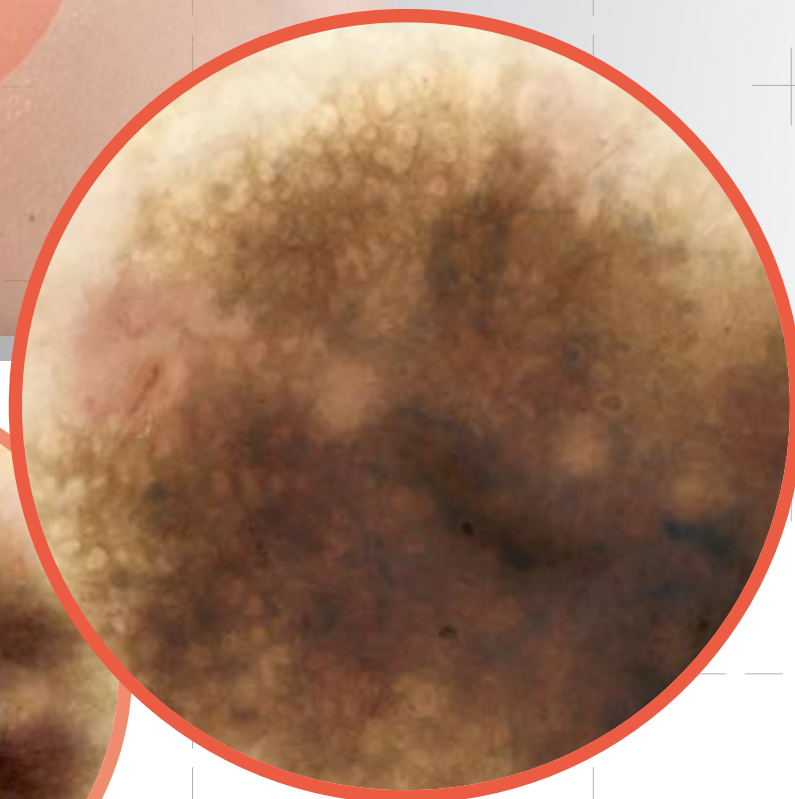
microDERM® renders true to life colours matching those seen under natural daylight. Microprocessor-controlled mixture of light allows for the most precise diagnostics for microscopic examination of melanoma or use in the field of capillary-microscopy. Non-invasive epiluminescent examination of skin to a depth of 1.0mm in 0.1mm increments can supplement dermoscopic images with high resolution 3 D information.



15x



50x



120x

future-oriented technology with perspective

Precise early diagnostics with scientific validity is an absolute essential to modern dermatological practice in order to take timely appropriate clinical action. With microDERM® even subtle minimal changes within monitored pigmented skin lesions can be reliably visualised and documented. An accessible follow-up format is readily understood and appreciated by patients.

The on-camera integrated live-view display promotes intuitive system software operation and supports on-camera control of the different optical zoom magnification levels.





flexible solutions - our strength

We develop individual solutions for individual clinician needs. The microDERM® modular system can easily be integrated in existing EDV-systems and is also suitable for mobile use due to its compactness and simple universal USB-interface which allows for clinician laptop-installation use outside the clinic.

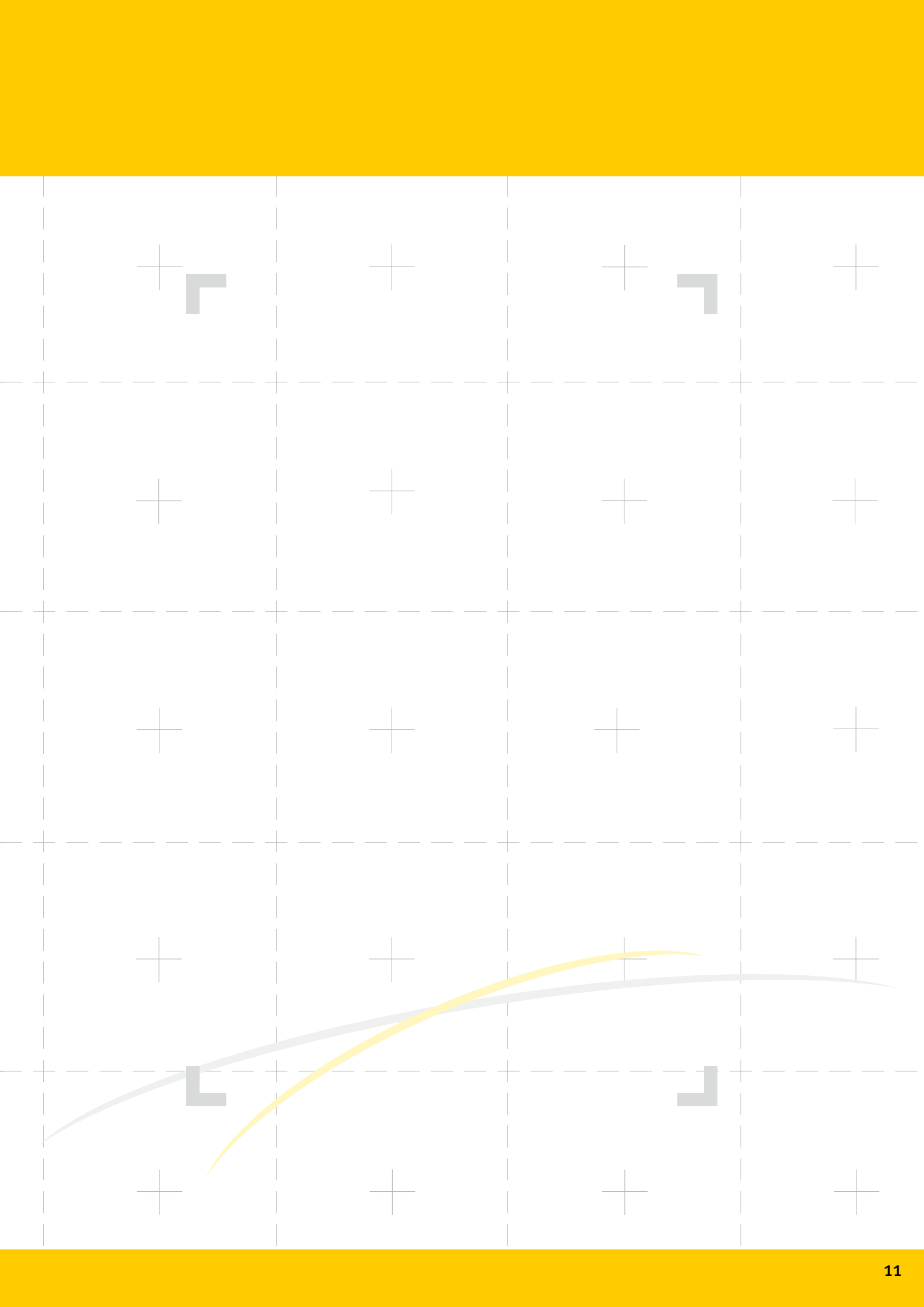
Our modern straightforward interface concept for reflected-light microscopy adapts to Network multi-access connection or stand-alone-solutions for any notebook or PC.

Benefit from our long-term experience with successful individual imaging solution implementation and avail of a custom-tailored imaging solution for your clinic or practice as well!

system feature

- USB-interface with any PC or laptop
- universal application
- simple handling
- flexible accessibility
- network-compatible
- quality images from a single source







Secured quality: designed and manufactured in accordance with the guidelines of ISO 9001/13485 and the German and European medicinal product law (MPG).



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