

 **FotoFinder**
dermoscope



Mole Mapping...

...a safe way for early
detection of malignant
melanoma.



Keep an eye on your skin!

The melanoma



is a malignant skin tumour which can arise from an existing mole or from healthy skin.

As the tumour tends to metastasize early over the lymph and blood streams, it is considered as very dangerous!

Keep an eye on your skin!

Statistics



In recent years, the number of melanoma cases has increased dramatically. In Europe, every year about 1 million skin tumors are diagnosed. 1 out of 100 of these skin cancers is a malignant melanoma.

Although melanoma is 100% curable if detected in time, many patients die from this skin cancer - often young.

Keep an eye on your skin!

Mole Mapping is accurate and reliable.



With the aid of a video camera, the dermatologist creates a complete **mole catalogue**.

This helps localize every single mole of your body.

Moles at risk are photographed individually with a digital dermatoscope (skin microscope).

Advanced skin cancer prevention...

Keep an eye on your skin!

Mole Mapping gives you certainty.



The images of your moles are stored on electronic media.

The dermatologist can accurately **compare** earlier images to recent ones.

Even the smallest change will be detected!

Keep an eye on your skin!

Advantages



- Detection of the slightest skin changes allows early diagnosis.
 - Continuous mole observation gives certainty.
 - Unnecessary excisions can be avoided.
- Mole Mapping helps the dermatologist to make the right decision and take action before it is too late!

Keep an eye on your skin!

Risk factors



People with **light skin** and high exposure to **UV radiation** have a higher risk for developing melanoma.

High risk areas are face, neck, shoulders and extremities.

In about 60% of cases melanoma arise from moles that have been inconspicuous over years.

Keep an eye on your skin!

High risk group

If you answer “**Yes**” to **any of the following questions**, please have your moles checked by a dermatologist:

- Do you have multiple lesions (>50)?
- Are there skin cancer cases in your family?
- Did you already have a melanoma?
- Do you have large, congenital lesions, atypical moles or recently changed ones?
- Did you suffer from severe sunburns during childhood or adolescence?
- Do you belong to the white skin phototype?

Keep an eye on your skin!

The melanoma A-B-C-D-E rule is a practical method for early recognition of malignant melanoma. If more than one of the criteria below apply, please contact your dermatologist:

Asymmetry

Border (irregular/blurred/jagged edges)

Color variation (brown/reddish/white dots)

Diameter (more than 5 millimetres)

Elevation (uneven moles)

Evolution (changes of the mole)

Keep an eye on your skin!

Watch out!

Any alteration is an **alarm signal**:

- Changes in color (e.g. darkening, loss of color, new coloration).
- Decrease or increase in size/ thickness.
- Changes in the surrounding skin (e.g. redness, white spots, swelling).
- Paraesthesia (eg. itchiness, sores, odd sensation).
- Newly appeared moles.
- Bleeding moles.

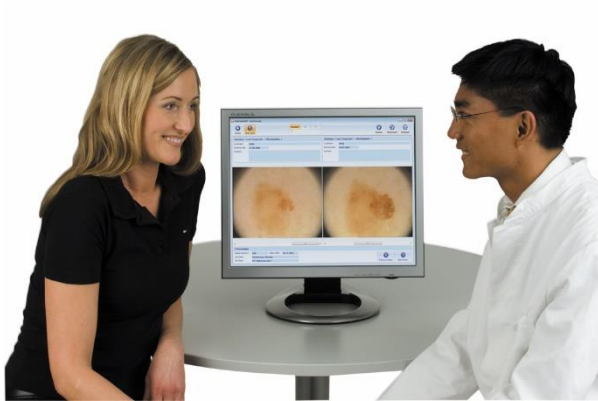
FotoFinder *dermoscope*...

...The system for advanced skin examination!

- Skin cancer screening.
- Long term mole mapping.
- Analysis of moles.
- Detection of new moles.



Long term mole observation...

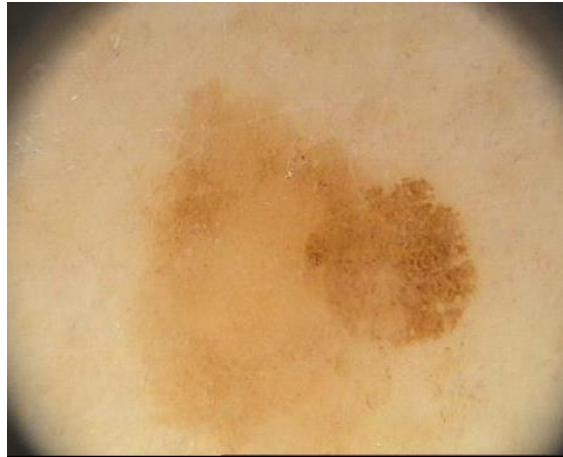


- Clinical and microscopic mole observation.
- Assessment of **changes in size or microscopic structure**.
- On-screen comparison of moles.

EXAMPLE: Long term mole observation



Before

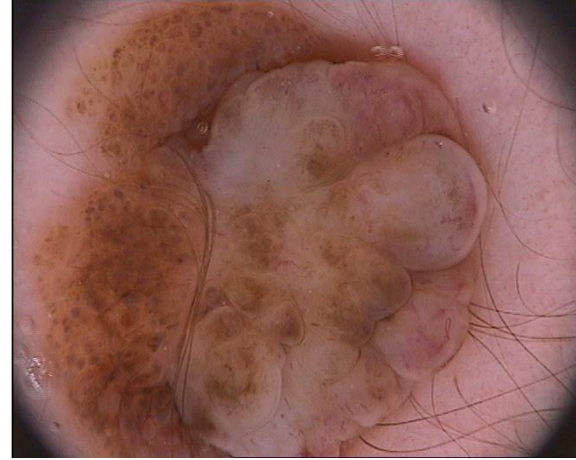


After

EXAMPLE: Long term mole observation



Clinical image



Microscopic image

EXAMPLE: Long term mole observation

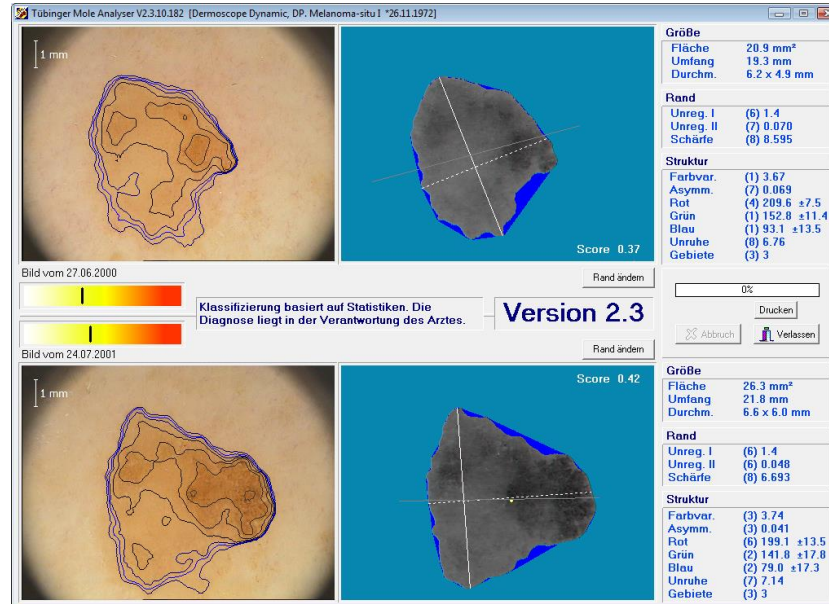


Clinical image



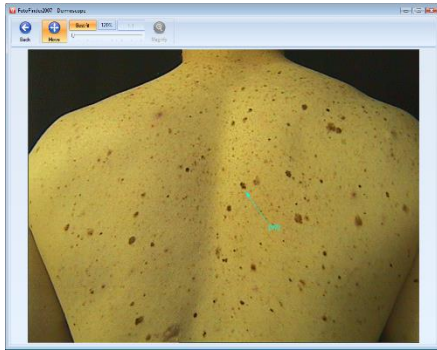
Microscopic image

EXAMPLE: Moleanalyzer



This lesion has changed. Histology has shown: It was a melanoma in situ.

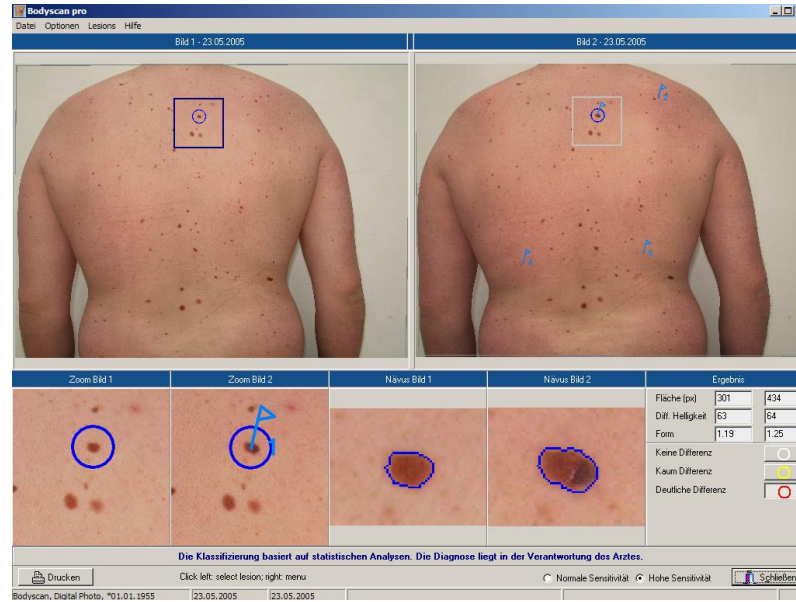
Detection of new moles with „Bodyscan pro“ ...



- Complete skin cancer prevention must include regular check-ups to see if **new moles** have appeared.
- **Bodyscan pro** is an expert system for **automatic skin analysis**.
- This method is recommended for patients with multiple moles.

Advanced skin cancer prevention...

EXAMPLE: Bodyscan pro



Every new mole is marked explicitly!

Don't give skin cancer
a chance and have
your moles checked
regularly!

