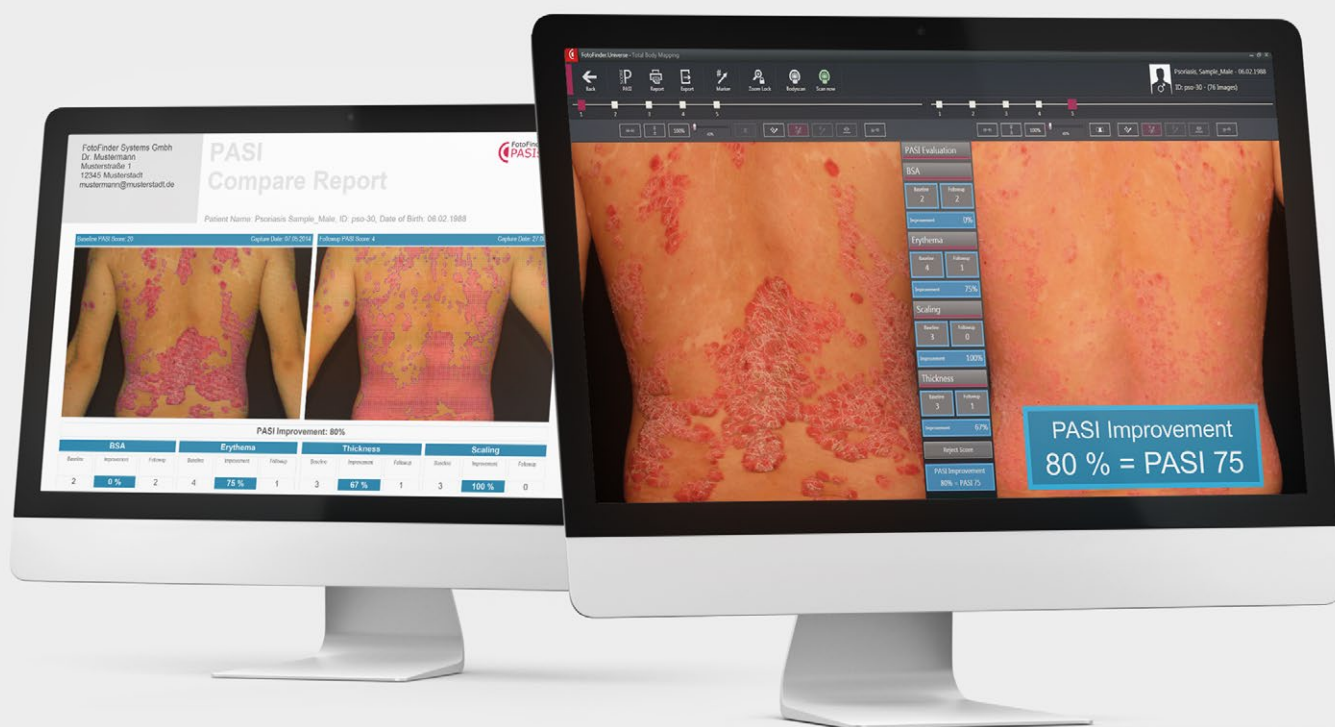




PASlvision®

Standardized monitoring of psoriasis patients

Cutting-edge technology for computer-assisted PASI determination

Psoriasis documentation made simple

The Psoriasis Area and Severity Index (PASI) is considered the gold standard for the determining the severity of psoriasis.

FotoFinder **PASlvision** allows an objective, computer-assisted PASI determination through a combination of standardized total body photography (based on the **ATBM** technology for Automated Total Body Mapping) and trend-setting skin analysis.

The **PASlvision** image comparison shows the improvement of the skin condition and thus the effectiveness of the respective treatment. Through the standardized photo documentation and the computer-assisted PASI determination with FotoFinder, an optimal follow-up with psoriasis patients is now feasible.

PASlscan® – The reliable analysis software

Once the images are taken, FotoFinder **PASlscan** can be started in the Total Body Mapping module.

After selecting the underlying psoriasis type, the software identifies the psoriasis lesions automatically, pre-assesses them and calculates the PASI scores. Within less than one minute, it shows the PASI score values for the extension of the body surface in percent (head, arms, core, and legs), the redness (erythema), the thickness of plaques and the scaling. Each measured area is illustrated in a separate image. Then, the calculated PASI scores can be adjusted and confirmed by the doctor on the **PASlboard**. An adjustment can be necessary for instance with plaques underneath the hair. This way, the innovative procedure by FotoFinder allows to pre-assess psoriasis within a short period of time.

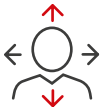


PASIvision® Objective. Standardized. Automatic.



Objective PASI determination

FotoFinder **PASIvision** is the first system for computer-assisted and objective PASI determination worldwide. This method improves the precise monitoring of psoriasis patients and the measurement of the treatment success.



Body surface calculation

A complex algorithm calculates the complete body surface automatically based on the total body images. These calculations have been verified in means of validation.

Thus, the software is able to detect the body surface area which is affected by psoriasis. The only limitations are body parts covered by hair or underwear.



PASIvision image comparison

With the **PASIvision** image comparison two images from different examination sessions can be compared with each other. This makes the visualization of potential improvements as well as the effectiveness of the respective treatment possible within seconds.

Here, the software calculates the PASI scores of both images automatically and indicates the improvement by either 50 %, 75 %, 90 % or 100 % (PASI 50, 75, 90 or 100).



Reporting

In FotoFinder **PASIvision** the photos as well as the calculated score can be issued as reports. There are various standardized reports available which can be personalized with your address or logo. The results can be printed or sent as a PDF via email.

Validated in clinical trial

FotoFinder **PASIvision** convinces also in clinical tests. For their study "Precision and reproducibility of automated computer-guided Psoriasis Area and Severity Index measurements in comparison with trained physicians" Dr. Christine Fink, Prof. Dr. Holger Haenssle et al. from the University of Heidelberg examined 120 patients with plaque psoriasis and determined their PASI.

The results verify a similar precision and a higher reproducibility compared to an expert team with three physicians.

The study was published in the British Journal of Dermatology
DOI: 10.1111/bjd.17200



The image capturing procedure at a glance

The base for FotoFinder **PASIvision** are digital color photos captured with the **ATBM** technology for Automated Total Body Mapping and saved in the FotoFinder **bodystudio** software. During the image taking the patient must be fully undressed (except for possibly black panties), jewelry removed, and – if necessary – the hair tied back into a ponytail in order to make the entire body surface visible. Step by step, the software guides the user through the image capturing process.

The cross-polarized camera and lightning system **PolFlash XE** provides you with high-resolution, reflection-free photos that impressively visualize the expansion, redness, flaking and thickness of the plaques.