

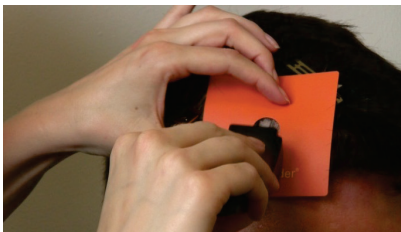
## FotoFinder Trichoscale. The new tool for hair analysis.

### FotoFinder Trichoscale – fast and painless quantification of hair loss

Hair loss or thinning hair is a common complaint in clinical dermatology. That's why it is important to objectify hair problems and the success of a therapy. FotoFinder Trichoscale is the new program for the quantification of hair growth and hair loss and sets new standards in hair analysis!

Unlike the traditional trichogram, the application of FotoFinder Trichoscale does not involve painful depilation and the patient does not have to refrain from washing hair. All important parameters of hair growth are determined accurately, quickly and painlessly.

First, the hairs are clipped on a representative area of the scalp. The preconditions for choosing the area are the same as for a trichogram.



Hereafter, the stubbles are dyed. This is necessary for an accurate measurement result. Depending on whether you want to specify only the hair density or the anagen-telogen rate, the stubbles are dyed either immediately or after 48 hours.

### Determination of hair density – Instant Count Mode

The Instant Count Mode can be used to measure the hair density immediately after clipping and dyeing.

### Determination of the Anagen-Telogen-Rate – Trichogram



To determine the anagen-telogen rate, the hair stubbles are dyed after 48 hours. Then, a microscopic image of the shaved area is taken with 20X magnification. Therefore you can use the handyscope or the FotoFinder dermoscope camera.

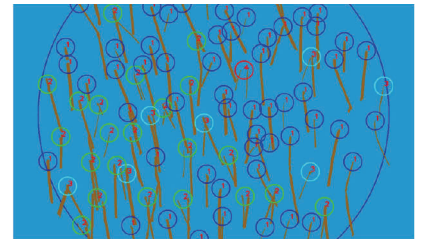
FotoFinder Trichoscale assumes that anagen hairs grow about 0.3 mm a day, whereas telogen hairs do not grow at all. The software uses this information and automatically calculates the measured area, the number of hair count, hair density and anagen-telogen rate. The vellus and terminal hair number and density are determined as well.

The analysis result in form of a digital trichogram is determined within seconds and displayed with illustrative, self-explanatory charts.



### Determination of hair thickness

In addition to the values mentioned, FotoFinder Trichoscale pro also measures the average and cumulative hair thickness. Besides, this version gives details on the follicular units (number of hairs per unit etc.).



### FotoFinder Trichoscale sets new standards in trichology

FotoFinder is pioneer with many years of experience in digital dermoscopy. With Trichoscale, FotoFinder has lifted the precision of digital hair analysis to a new level. Discover yourself how FotoFinder Trichoscale differs from other programs:

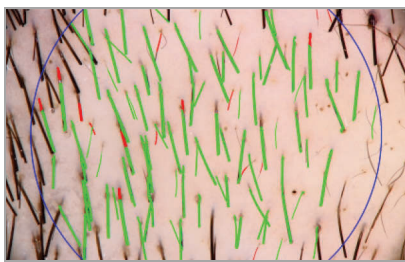
- In addition to the Trichogram and the Instant Count Mode, the program also determines follicular units.
- Through geometric optimization of the measurement area, the false detection of edge hairs is minimized.
- The analysis area is more than 60% larger than in other programs – with constant clipping area! In this way, more hairs are analyzed which increases the statistical accuracy.
- Thanks to the zoom function, you can navigate through the enlarged image. An impressive full-screen presentation is also possible so that every little detail is perfectly visible!

- Using the manual correction feature, the analysis result can be subsequently corrected and optimized by targeted selection and deselection of individual hairs. So you will not miss any hair and you can achieve measurement results with unprecedented accuracy!

## Four FotoFinder Trichoscale views

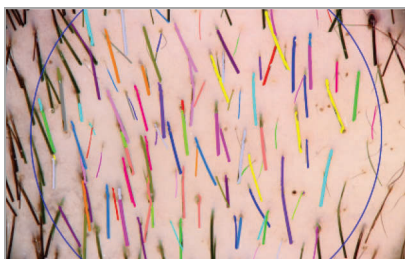
FotoFinder Trichoscale offers the right view for every application. With just one click you can switch between four different views.

### 1. Overall view of analysis results



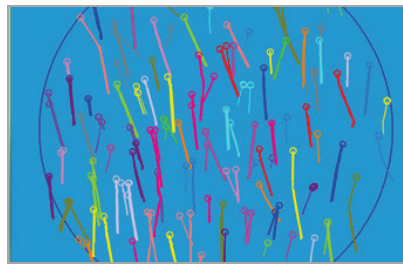
The first view shows the analysis result of each mode. In the Trichogram Mode, anagen hairs are automatically marked in green and telogen hairs in red color. Thus, the classification of individual hairs is visible at a glance. In the Instant Count Mode, all hairs are marked with the same color.

### 2. Single hair view



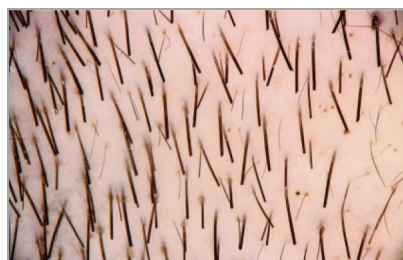
In this view, all hairs that have been detected as single hairs are colored differently and thereby clearly marked. This provides an additional control function to evaluate the measurement accuracy.

### 3. Follicular units



Follicular units are counted and marked in different colors. An essential feature for evaluating the success of hair transplants!

### 4. Original image

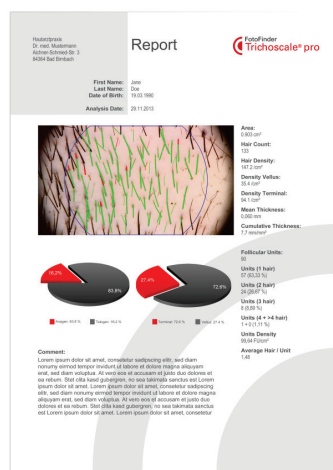


The unchanged original image can also be visualized.

## Evaluation of treatment results with FotoFinder Trichoscale

By taking sequential photographs and using the manifold analysis options as well as the manual correction, detailed conclusions can be drawn about the success of a therapy.

With only a few mouse clicks, personalized reports can be created and given to the patient as print-out or PDF.



**FotoFinder Trichoscale** – indispensable for your hair consultations!

With FotoFinder Trichoscale diffuse hair loss can be digitally documented and quantified in unprecedented accuracy.

The advantages of this method lie in its painlessness, the simple and fast image acquisition, the accuracy, the reproducibility and the archivability of results. And of course in the comprehensive functionality that meets all requirements!

## Requirements



The use of FotoFinder Trichoscale requires a FotoFinder camera system. It does not matter if the images are taken with a medicam 400, 500, 800<sub>HD</sub> or with one of the handyscope models.

Photos are either captured and stored in the **dermoscope** software, or – when using the handyscope – they are transferred from the App to the computer and to the FotoFinder Trichoscale analysis software. Using the FotoFinder **Hub** web database, work will even be more convenient!

All necessary tools for the analysis such as clipper, hair dye, hair clips or template are included in the FotoFinder Trichology Kit.

>>> [www.fotofinder.de](http://www.fotofinder.de)

>>> [www.trichoscale.com](http://www.trichoscale.com)