



# handyscope pro

## Original User Manual

Software

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# FotoFinder handyscope pro App

## Original user manual

Please read the original user manual carefully before using the product.



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## 1 Introduction

Please note the following points when using the product and this user manual:

- The product can only be used, operated and maintained properly and safely with the help of this user manual.
- This user manual refers only to the product indicated on the cover sheet.
- We reserve the right to change this user manual due to further technical developments.
- The operator must ensure that the user manual is read and understood by all persons concerned prior to work.
- The chapter on *Safety* (cf. 3) provides an overview of all important safety aspects for the protection of personnel and the safe operation of the product.
- The manufacturer is not liable for any damage resulting from non-compliance with this user manual.
- Reprints, translations and reproductions in any form, including excerpts, require the written consent of the publisher.
- Copyright belongs to the manufacturer.
- Safety incidents occurring in connection with the product must be reported to the manufacturer and the competent authority of the respective country in which the operator is established.

The development and production of all products of FotoFinder Systems GmbH is carried out in accordance with the current ISO 13485 standards.

## 2 Installation, updates and uninstalling

Installation, updates as well as uninstalling can be done via the App Store or Play Store (depending on your operating system). The installing process is described within chapter Installing the app (cf. 4.1).

### 2.1 System requirements

In order to operate the FotoFinder handyscope pro, the following system requirements must be fulfilled:

- ARM based CPU
- Memory: 16 GB
- RAM: 2GB
- Bluetooth mode
- Operating system:
  - iOS: 12.0 or higher
  - Android: 5.0 or higher
- Internet connection for Login, Synchronization, Second Opinion and AI Score

### 3 Safety

#### 3.1 Intended use

The FotoFinder handyscope pro app is a mobile application that works in conjunction with the FotoFinder Hub online cloud. The application is designed for patient management, standardized documentation of microscopic images, and to assist in the initial assessment of skin conditions. The FotoFinder handyscope pro app enables digital documentation of intact human skin by healthcare professionals. The microscopic images are stored together with the relevant patient data, which makes it possible to visualize changes in lesions during subsequent follow-up examinations of the patient.

The FotoFinder application is used in combination with the DermLite handyscope, which allow to capture microscopic images using a mobile device.

The following features are available:

- Acquisition and management of patient data
- Capturing and managing microscopic images
- Documentation of images in sessions
- Assigning a session to a patient
- Assigning a body site (localization) to an image
- Requesting a second opinion (Second Opinion) from experts
- Request AI Score (Artificial Intelligence)

The FotoFinder handyscope pro app connects online with the Moleanalyzer pro algorithms to generate the AI Score. The connection to the FotoFinder Hub allows to use a Second Opinion service. These functions are only accessible via paid credits. Credit management is only available through a FotoFinder Hub account. The app data is synchronized, stored and managed via this cloud solution.

The FotoFinder handyscope pro is intended for skin lesions. The app must not be used to make or confirm a clinical diagnosis of melanoma, any other skin disease or skin cancer.

The application does not provide a diagnosis. The AI Score is based on statistics. The diagnosis and therapy decision is the responsibility of the physician!

The application is intended for transient use. In combination with the DermLite handyscope, the product is in continuous use for less than 60 minutes during a diagnosis session.



## 3.2 User groups

The following target groups with necessary qualifications may work with the application:

Target group	Qualification	Permitted work in the application
Doctor	Professional qualification as a doctor	<ul style="list-style-type: none"> <li>- FotoFinder Hub registration</li> <li>- Full range of app features, incl. AI Score request</li> </ul>
Medical staff	Trained and instructed, as well as professionally qualified by a completed professional training in the medical field	<ul style="list-style-type: none"> <li>- Areas of application according to the intended use (cf. 3.1) with the exception of <ul style="list-style-type: none"> <li>■ FotoFinder Hub registration</li> <li>■ Artificial Intelligence (AI Score) request</li> <li>■ Request second opinion service (Second Opinion)</li> </ul> </li> </ul>

The application may only be used by physicians or healthcare professionals trained in the clinical diagnosis of skin cancer or other skin diseases.

## 3.3 Use environment

The product is intended for use in a professional medical environment (e.g. clinic, hospital) by the users described in the chapter on User groups (cf. 3.2). The product is not intended for use by laypersons.

There are no other applicable requirements for the social or clinical environment of use.

## 3.4 Patient population

Patients with one of the following characterizations are intended to be examined with the software:

- General persons with skin lesions, moles
- Patients with multiple nevus syndrome
- People with general inflammatory skin

### 3.5 Indications and contraindications

The software is intended for the conditions mentioned in chapter *Patient population* (cf. 3.4).

#### 3.5.1 Indications

ICD Code	Description
L57	Actinic keratosis
C44	Basal cell carcinoma
L82	Benign lichenoid keratosis
D48	Atypical nevus
D18	Hemangioma
L98	Hemorrhage
C43	Malignant melanoma
D03	Malignant melanoma in situ
D03	Lentigo maligna
C43	Lentigo maligna melanoma
C43	Superficial spreading malignant melanoma
C43	Nodular malignant melanoma
C43	Acrolentiginous malignant melanoma
C43	Amelanotic malignant melanoma
C43	Desmoplastic malignant melanoma
D22	Melanocytic nevus
D22	Papillary melanocytic nevus
D22	Acral melanocytic nevus
D22	Blue nevus
D22	Spindle-cell nevus
D22	Spitz nevus
D22	Halo nevus
D22	Melanocytic nevus with congenital part
L81	Naevus spilus
L81	Lentigo simplex
L81	Agminated melanocytic nevus
L81	Irritated seborrheic keratosis
L82	Seborrheic keratosis
L82	Lentigo solaris/senilis
D23	Dermatofibroma
D04.9	Bowen's Disease
L43	Lichen ruber planus
D36	Benign neoplasm
L85	Keratoakanthoma
C80	Spinocellular Carcinoma
B35.0	Tinea barbae and tinea capitis
L21	Seborrhoeic dermatitis
L93.0	Discoid lupus erythematosus

Q84	Other congenital malformations of integument
Q84.8	Other specified congenital malformations of integument (Aplasia cutis congenita)
C44.9	Squamous cell carcinoma
<i>Tab. 1: Indications</i>	

### 3.5.2 Contra-Indications

Do not analyze images of lesions <2 mm or >8 mm with handyscope pro, as the field of view is limited and bigger lesions cannot be displayed or analyzed correctly.

The software is not intended to support pre-assessment or store images from mucosa, eyes, natural or artificial body orifices.

The software does not diagnose a disease. It provides comparison images and provides aid for dermatologist to differentiate between the diseases mentioned in the *indications* section.

Do not use the AI Score for the evaluation of lesion on hairy area or in locations near contaminations or markings (e.g. tattoos) within an area of 30mm.

The algorithm was trained with images of Fitzpatrick skin type I-III. Do not use the AI Score on patients with skin type IV or higher, as the performance of the algorithm was not assessed and therefore the accuracy of the algorithm cannot be claimed.

handyscope pro is only intended to be used on lesions captured on intact skin. Do not assess lesions located in areas of wound / injuries or in close proximity to psoriasis, eczema, acute sunburn or similar skin conditions.

## 3.6 Clinical Benefits

With the FotoFinder handyscope pro, the following clinical benefits for the user / patient are aimed:

- The application makes the mole mapping and follow-up more efficient.
- The analysis of a given lesion by an artificial intelligence algorithm (convolutional neural network – CNN) gives more information about the lesion and its potential to be malignant.
- Users can upload an image with unknown diagnosis to the Second Opinion service to receive a second diagnosis opinion from a specialist in dermoscopy (tele-dermatology service).

#### Performance characteristics

The following performance characteristics are specified for and met by the FotoFinder handyscope pro:

- The software allows micro imaging with a magnification of 20x.
- Image quality and diagnostic performance of dermatologists with mobile solutions is comparable to using a digital dermoscope / videodermoscope (as examined in publications).

### 3.7 Residual risks

#### WARNING

Despite compliance with all regulations and the implementation of risk-minimizing measures, not all risks can be completely excluded. Residual risks that exist in connection with the use of the product are listed below.

- Improper operation by untrained personnel may result in harm to the patient.
- Incorrect entry of information in the software, or incorrect assignment of patients or images by the operator, can lead to a misinterpretation. The consequences can be an unnecessary treatment or delayed treatment of a skin condition.
- Misuse by the user cannot be ruled out completely despite the provision of written user instructions and training.
- If the user bases the diagnosis solely on the results of the software (incl. AI Score), it may lead to unnecessary or delayed treatment of a skin condition.  
Misinterpretation of the algorithm cannot be ruled out.

#### 3.7.1 IT-Security

The following residual risks regarding IT-Security cannot be ruled out completely despite the implementation of risk control measures:

- Accessing and using another **user's credentials, such as username and password (Spoofing)**
- Maliciously changing or modifying persistent data and the alteration of data in transit (Tampering)
- Performing prohibited operations in a system that lacks the ability to trace the operations (Repudiation)
- Reading a file that one was not granted access to, or reading data in transit (Information disclosure)
- Attempting to deny access to valid users, such as by making a web server temporarily unavailable or unusable (Denial of Service)
- Gaining privileged access to resources in order to gain unauthorized access to information or to compromise a system (Elevation of privilege)

Those residual risks may lead to therapeutic patient data being published along with the name of the patient in the worst case.

## 3.8 Foreseeable misuse

The following points describe foreseeable misuse of the software:

- The physician incorrectly assumes that the software provides a diagnosis.
- The physician bases their diagnosis exclusively on results of software.
- The application for documentation is performed on non-intact skin, mucous membranes or in body orifices.
- The physician believes that the accuracy of the AI Score can be claimed and assumes that the score is indicative of the malignancy of the mole.
- The physician requests an AI Score for an image that does not meet the requirements, e.g., due to body hair, visible tattoo, or size of the lesion.

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### NOTE

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For information on the foreseeable misuse of connected hardware components, please refer to the user manual of the respective device.

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### 4 The FotoFinder handyscope pro App

#### 4.1 Installing the app

Installation of the free FotoFinder handyscope pro app on your smartphone / tablet is required to use your handyscope, as is registration with FotoFinder Hub® ([www.fotofinderhub.de](http://www.fotofinderhub.de)).



1. Open *App Store* or *Play Store* (depending on your operating system) on your smartphone / tablet and search for *handyscope*.

2. Install the handyscope pro app.



After installation, you will find the handyscope pro app icon on your device.

#### 4.2 Preparing the device



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Please observe the operating instructions of the manufacturer DermLite LLC enclosed with the device. Attach your handyscope to your smartphone / tablet as described there and also follow the manufacturer's instructions for all other points, such as preparation, use and care!

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#### 4.3 Starting the program and login to the Hub

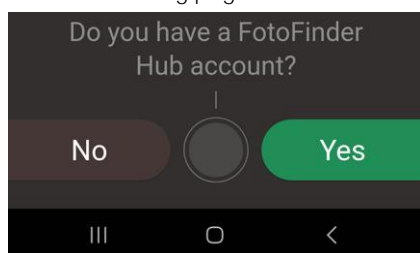


1. Tap on the handyscope pro app icon on your smartphone / tablet to open the app.

If you are already connected to your Hub account, synchronizing with your device will start automatically and the app interface will open.

Your FotoFinder Hub account ([www.fotofinderhub.de](http://www.fotofinderhub.de)) provides you with online storage. You can manage your images there, compare them and also use the Second Opinion service from there. Uploading from different devices, e.g. your smartphone with handyscope, is also possible, as is the creation of reports.

If you are not yet connected to your Hub account, you need to additionally confirm upon opening of the app by tapping *Start* and on the following page select if



- you want to register for the first time with Hub,
- or
- you already have a Hub account and just want to log in.

*Fig. 1: Selection window for the Hub account, existing or new account*

### 4.3.1 Creating a new FotoFinder Hub account

To use handyscope pro, you need a FotoFinder Hub account.

If you answered *No* to the question about an existing Hub account after opening the app, the input mask for new users opens.

1. Fill in all fields and set a password.
2. Confirm the reCAPTCHA query.
3. Accept the Terms and Conditions and the Privacy Policy.
4. Confirm that you are a medical doctor.
5. Tap on *Register*.

A registration email with a link will be sent to the email address you provided.

6. Click on this link in the email.

The FotoFinder Hub login page opens.

7. Enter your login details (email address and password) and click on *Log in*.

This completes your registration.

### 4.3.2 Logging in with an existing FotoFinder Hub account

If you answered *Yes* to the question about having an existing Hub account, the log-in form will open.

You have two log-in options:

- Log-in with email address and password or
- Log-in via QR code from Hub

Logging in with email address and password:

1. Enter the email address and password you used to register with Hub.
2. Tap on *Sign in*.

Logging in via QR code from Hub

1. Open the FotoFinder Hub on a desktop browser. Go to the *Settings / My Devices* menu. Click on *Add new device*.

A QR code opens.

2. On your mobile device, tap on the log-in screen to *Sign in with QR code*.
3. Scan the QR code shown with your mobile device.

After logging in, the FotoFinder handyscope pro app connects to your Hub account and automatically starts synchronising your Hub account with your device (provided you are connected to the Internet). The home screen of the app opens.

### 4.4 Home screen

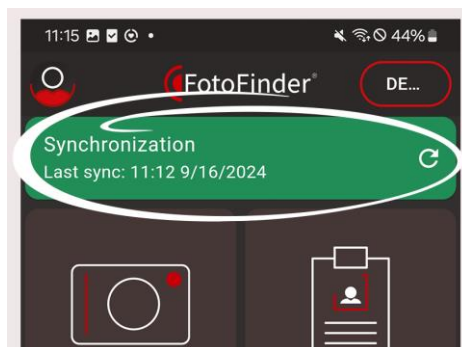
#### 4.4.1 User data



- 1 My Account  
(cf. chapter 4.13 Settings)
- 2 Credits / Hub Plan  
(cf. chapter 4.11 Credits / Plan)

*Fig. 2: Home screen of the user interface  
(header with user data)*

#### 4.4.2 Synchronizing with the Hub account



*Fig. 3: User interface home page –  
example view of the Synchronization*

If you are connected to your Hub account, synchronization with your device takes place automatically when the app starts. The prerequisite is an existing WLAN connection. In addition, it also works via a mobile network if you have activated this option in the *Settings* (cf. chapter 4.13 Settings). Also during new capturings the images are continuously transferred to the Hub account.

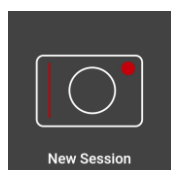
The green bar shows you the time of the last synchronization. By tapping on the refresh arrow you can start a new synchronization at any time.



In the app, the icon of the crossed-out cloud indicates that the correspondingly marked images has not yet been uploaded to the Hub.



## 4.5 New session



1. Tap on *New Session*.  
This starts the capturing mode.
2. If not already done, switch on the attached handyscope using the red power button. You may also need to allow the app's camera access in your device settings.

### NOTE

Please refer to the attached operating instructions of the manufacturer DermLite LLC.

The lighting for polarised images turns on automatically.

### ATTENTION

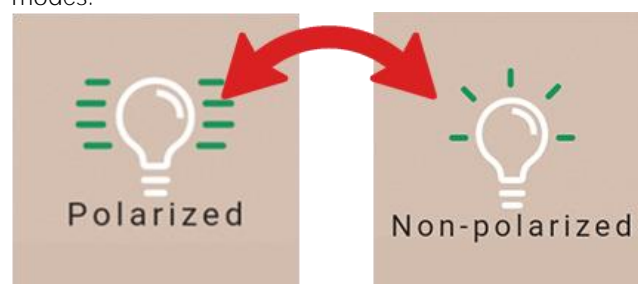
Do not look directly into the LED light. Patients must close their eyes during examinations.

Please observe the following for high-quality micro images:

- To take non-polarized micro images, always use alcohol solutions which contain 70% alcohol. The skin needs to be moistened completely. Try to prevent bubble formation and the inclusion of hair during capture. Shave if necessary.
- When capturing polarized images without immersion solution, ensure sufficient disinfection
- Make sure, that the lens and the attachment are both completely clean before start capturing.



The capturing mode (polarised/non-polarised) that is activated is displayed at the bottom right. By tapping on this display, you can switch between the two capturing modes.



3. Place the handyscope with the lens on the lesion to be captured. Ensure that the lesion is at the centre in the image.
4. Tap the shutter button at the bottom centre or directly on the preview image to take a picture.

Fig. 4: View of image capture

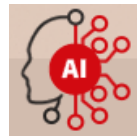


Fig. 5: View of frozen image

The image is frozen and the captured image is displayed.

5. You can zoom in on the image using the two-finger zoom: to do this, tap on the image with two fingers and drag your fingers apart. Reverse the process to zoom out of the image again.

6. The menu at the bottom changes and offers you the following options:



Get AI Score (cf. chapter 4.6 AI Screening)



Save Image



Discard image and return to image capture

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### NOTE

If you take image captures as described here without having selected a patient first; these images are not yet assigned to a patient. The patient's name is shown as *unknown*. Assign images to a patient for better clarity and later comparability (cf. chapter 4.7.2 Assigning images to a patients afterwards).

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## 4.6 AI Screening



The *AI Screening* function gives the option of viewing lesions after they have been captured using Artificial Intelligence.

The FotoFinder handyscope pro uses a Convolutional Neural Network (CNN) algorithm called AI Score. The sensitivity as well as specificity of the algorithm has been proven in a clinical study.

### NOTE

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Please note that retrieving the AI Score is not available in all countries.

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- The AI Score is based on comparisons with images of malignant skin tumors (melanoma, basal cell carcinoma, lentigo maligna, squamous cell carcinoma, actinic keratosis). The Score indicates how similar a lesion is to typical malignant skin tumors.
- The AI Score is not used to assess the malignancy of the examined lesion! It only provides an assessment of whether a lesion is possibly malignant.

### NOTE

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The AI Score is based on statistics. Therefore, the accuracy of the AI Score cannot be guaranteed. It is intended as additional support for the doctor.

The AI Score is not a substitute for the physician's overall clinical diagnosis!

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### NOTE

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Depending on the FotoFinder Hub plan booked, requesting an AI Score may be included. Please refer to your selected plan for details.

You can also see whether credits will be charged when requesting an AI Score.

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### 4.6.1 Get AI Score

You have various options within the application for requesting the AI Score for a captured lesion. Either directly after capturing an image or for a previously saved image.

#### NOTE

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The lesion must be completely visible in the image.

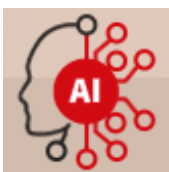
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How to proceed directly after image capture:

1. Create an image as described under *New Session* (cf. 4.5).
2. Tap on *Use AI* when you are satisfied with your captured image.

How to proceed for a previously saved image:

1. Open the desired image. This can be done via the *Images*, *Patients* or *Sessions* menu.
2. Tap on the AI button.



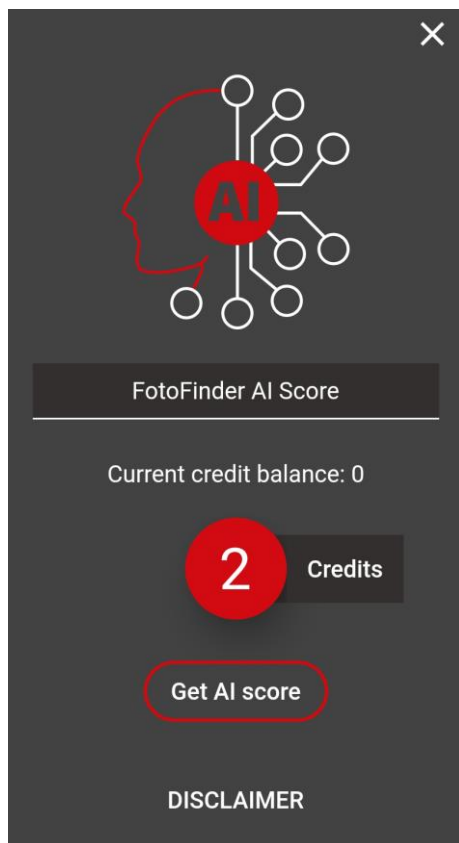


Fig. 6: Example view of Get AI Score

This opens a screen displaying:

- your current credit balance
- the credits to be paid for the AI Score retrieval. This is 0 if AI screening is part of your Hub plan.

### NOTE

Please also note the disclaimer.

3. Tap on *Get AI Score* if you want to continue. To cancel the operation, tap on the *X* in the top right corner.

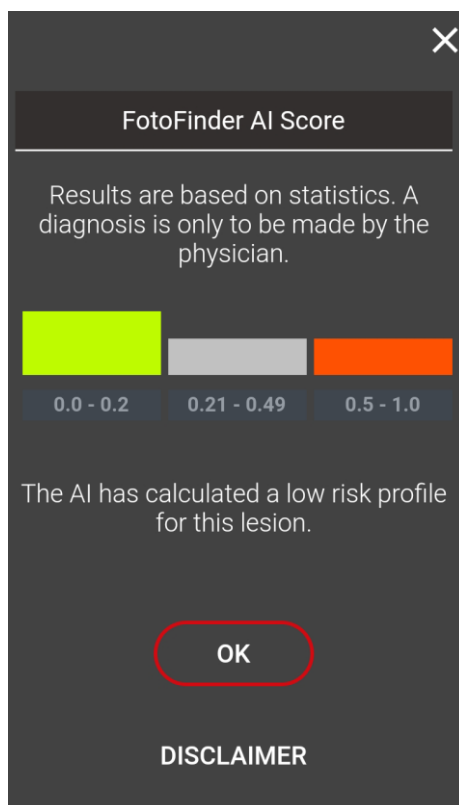


Fig. 7: Example view of the AI Score

4. After a short loading process, the AI Score is displayed.

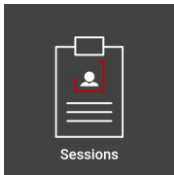
#### 4.6.2 AI Score result information

The AI Score is designed to assess whether a lesion is potentially malignant. This is merely a confidence score of the algorithm, i.e. an assessment of the similarity to malignant lesions. The AI Score is based on comparisons with images of malignant skin tumors (Melanoma, Basal Cell Carcinoma, Lentigo Maligna, Squamous Cell Carcinoma, Actinic Keratosis). The AI Score makes no statement regarding the medical risk and does not assess the malignancy of the examined lesion.

Lesions with a high score should be observed with great attention.

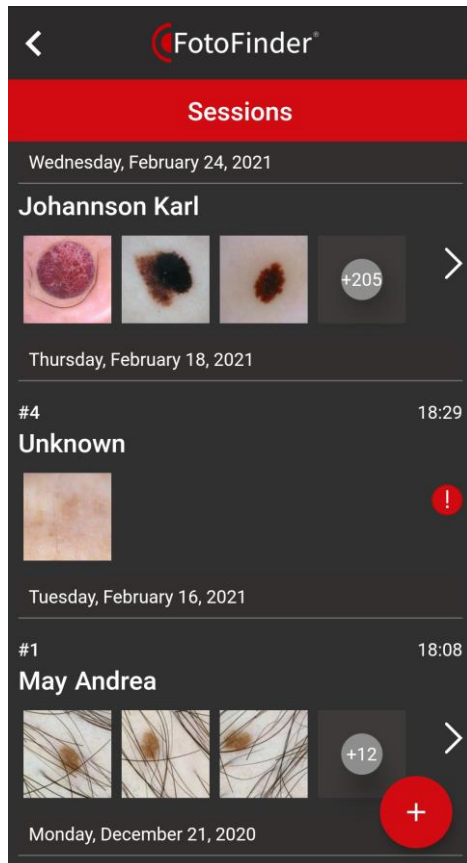
- 0 - 0.49 inconspicuous, follow-up in a reasonable time
  - 0 - 0.2 inconspicuous
  - 0.21 – 0.49 further clarification necessary
- 0.50 - 1.0 conspicuous, should be observed with great attention

### 4.7 Sessions



Under *Sessions* you will find a list of your already created sessions, divided by

- Capturing date and
- Patients.



The red exclamation mark on the right edge of a session indicates that this image has not yet been assigned to a patient. Assign the images to a patient for a better overview (cf. 4.7.2).



The crossed-out cloud indicates that the session has not yet been uploaded to your Hub account. This may be due to

- the images have just been created
- you have not yet had an Internet connection.

Fig. 8: Example view of the Sessions

### 4.7.1 Open and edit capturing in full screen mode

You can open the capturing sessions individually, view and further edit the images in full screen mode. To do this, proceed as follows:

1. Tap on *Sessions*.

The session overview will open.

2. From this session overview, tap on the desired session.

The detailed view of the selected session will open.

3. Tap on the required image.

The preview window opens in full-screen mode with further menu options:

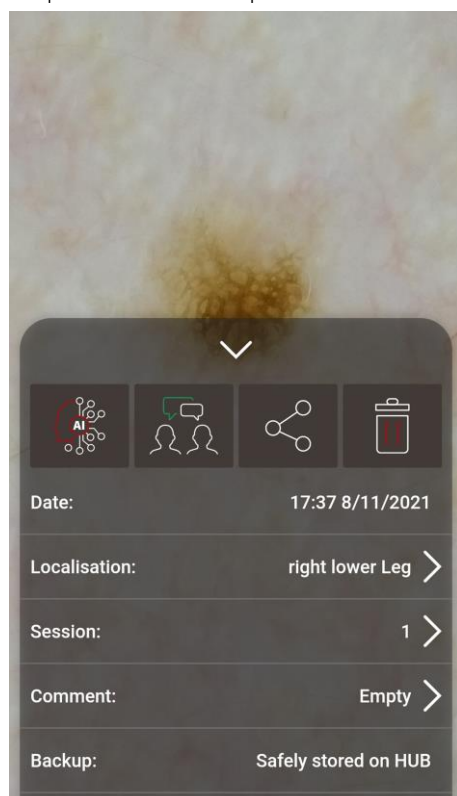
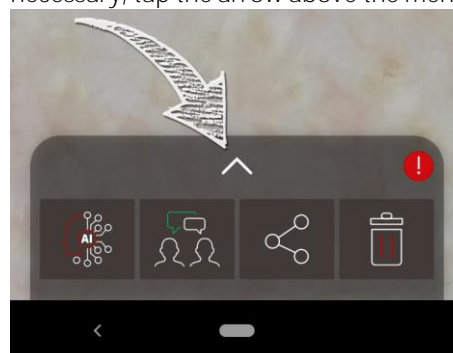


Fig. 9: Example view of the full screen mode with additional details

To open the other image details and edit them if necessary, tap the arrow above the menu buttons.



The red exclamation mark in the right corner indicates that detailed data is still missing for this image, e.g. the localization.



Tap on this icon to be led directly to the AI Score request (cf. chapter 4.6 AI Screening).



Tap on this icon to be led directly to the Second Opinion request (cf. chapter 4.9 Second Opinion).



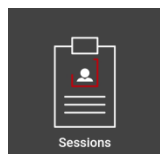
Tap this icon to share the images, for example as an email attachment.



Tap this icon to delete the selected image.

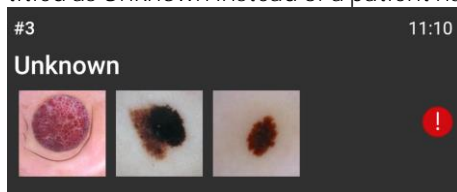
### 4.7.2 Assigning images to a patients afterwards

If images are created without a patient selected beforehand, these images will not be assigned to a patient automatically. This can also be done subsequently:

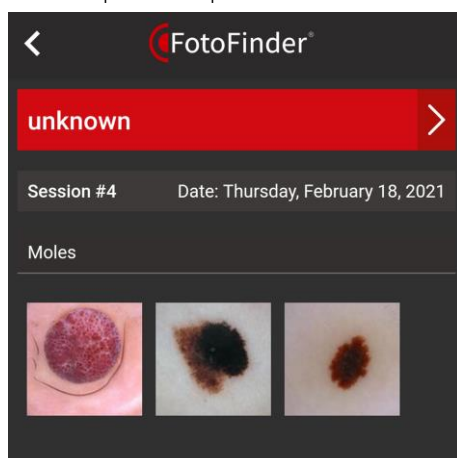


1. Tap on *Sessions*.

Images without patient assignment are marked with a red exclamation mark on the right edge and titled as *Unknown* instead of a patient name.



2. Tap on a respective session.




The detailed view will appear.

3. Tap on the red bar at the top.

The patient overview will open.

4. Select an existing patient in the patient overview by tapping on it, or select the option to create a

patient by tapping on the red plus icon  at the bottom right. In this case, enter the patient data and confirm the process with *Save*.

*Fig. 10: Example view of a session without patient assignment*



### 4.7.3 Saving the localization

#### NOTE

Localization can only be saved for images that are already assigned to a patient.

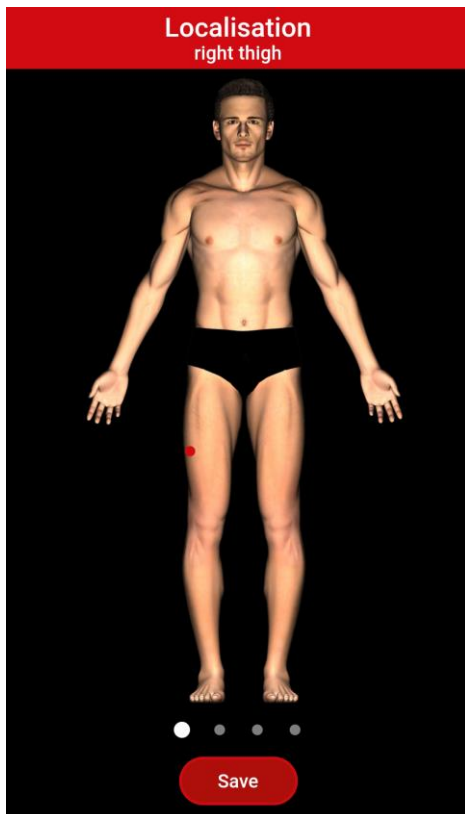
1. Open the image overview, for example, via the start menu buttons *Sessions* or *Images*.
  2. Tap on the respective image.
- The full screen view will open.



3. Open the other image details by tapping the small arrow above the menu buttons.



4. Tap on *Localization* at the image details section.



The localization menu will open.

5. Select another body view by swiping to the right or left as required.
  6. You can zoom into the image with the two-finger zoom: To do this, tap the image with two fingers and drag them apart. Moving the fingers the opposite direction, you will zoom out of the image again.
  7. Tap on the corresponding body part.
- The body location is indicated by a red dot and is also listed above the virtual patient.
8. Tap on *Save*.

The selected localization is now saved in the image details.

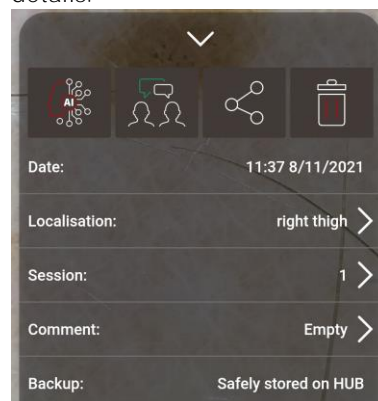
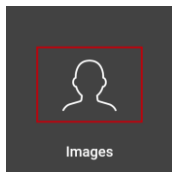


Fig. 11: Example view of the localization menu

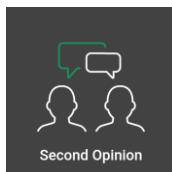
### 4.8 Images



Under *Images* you will find an overview of the created images, sorted by date.

Tap on one of the images (cf. chapter 4.7.1 Open and edit capturing in full screen mode) to enter full screen mode.










### 4.9 Second Opinion



With *Second Opinion*, an additional service is available to you for a fee. You can obtain a second opinion from experienced, international dermatologists.

All data from this additional service can also be found in your Hub account.

Start *Second Opinion* by tapping on the corresponding icon in the start menu.

Second Opinion		
Inbox 0/36		Pending 0
	<b>Johannson Karl</b> Case ID#: 765jhg Date: 20-07-01-C00005 15:50 7/1/2020	 1
	<b>Purgen Franz</b> Case ID#: POLXERAWP1 Date: 19-10-03-C00003 19:24 10/3/2019	 1
	<b>Purgen Franz</b> Case ID#: POLXERAWP1 Date: 19-10-03-C00002 19:21 10/3/2019	 1
	<b>Maler Sophie</b> Case ID#: 6 Date: 19-06-28-C00001 12:30 6/28/2019	 1 

The *Second Opinion* overview will open. Here you can choose between two lists:

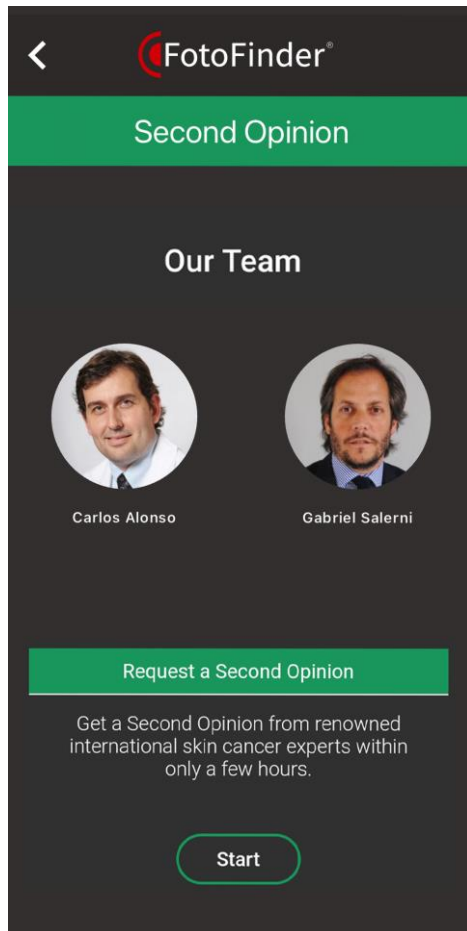
- *Inbox*: Here you can see all already requested and received second opinions.
- *Pending*: Here you will find your requested second opinions for which no response has yet been received.

Fig. 12: Example view of the *Second Opinion* overview

#### 4.9.1 Requesting a Second Opinion



1. Tap the green plus icon at the bottom right corner of the *Second Opinion* overview.



An intro window with the expert team opens.

2. Tap on *Start*.  
The image overview will open.
3. Select the desired image by tapping on the image.  
A request is only possible if the image is assigned to a patient.

Fig. 13: *Second Opinion* Intro window

Fig. 14: Second Opinion input window

The selected image and the patient data are displayed in a new window.

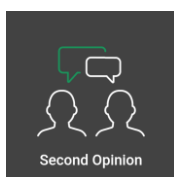
4. Below the image, select whether the patient has already experienced irregularities.
5. If necessary, enter additional message below.
6. Tap on *Save*.

A window will open, displaying:

- your current credit balance
- the credits to be paid for the Second Opinion request.

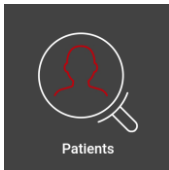
7. Tap *Confirm* if you want to continue.  
To cancel, tap the *X* in the upper right corner.  
You will receive a response within 24 hours.

### 4.9.2 Opening a Second Opinion



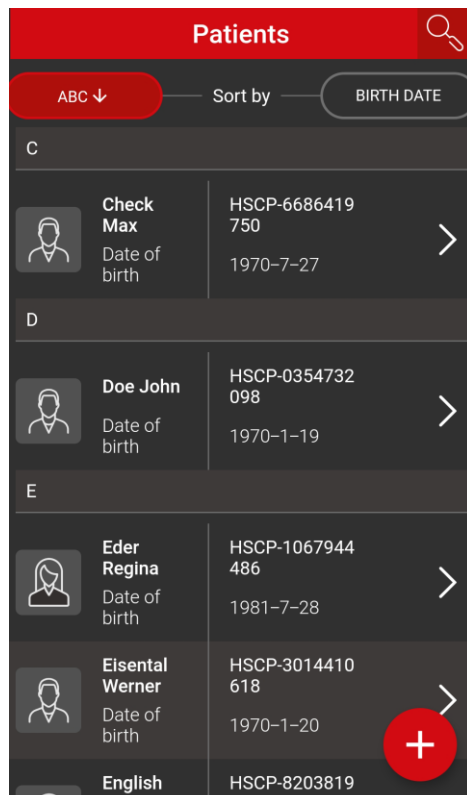
1. Start *Second Opinion* by tapping on the corresponding icon in the start menu.  
The *Second Opinion* overview opens.
2. Open the received second opinion by tapping on the respective entry.

## 4.10 Patients



Tap on *Patients* in the Start menu.  
This opens the Patient Management screen.

### 4.10.1 Patient overview



When starting the Patient Management screen, you will see the patient overview.

You can sort the list either alphabetically or by date of birth by tapping the *abc* or *Date of birth* buttons.

Alternatively, you can use the search field with the magnifying glass at the top of the screen.

Fig. 15: Example view of Patient overview

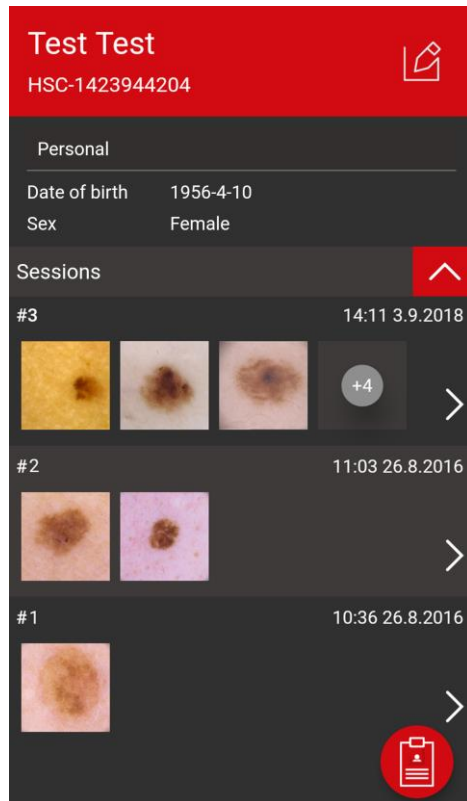
### 4.10.2 Add new patient



1. In the Patient Management screen, tap on the red plus sign at the bottom right.  
This opens an input mask.
2. Record all patient data.
3. Tap on *Save*.  
The new patient is now created.

### 4.10.3 Open patient file

1. Open the Patient Management screen.
2. Tap on a patient name.



This opens the patient file.

In addition to the patient data, you will find an overview of all previous capturing sessions for this patient.

#### Open capturing session

Tapping a session opens it in detail and displays all the images captured during that session. Here you can also open individual images in full-screen mode and edit them further.

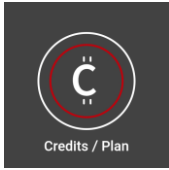
#### Change to capturing mode



Tap on the symbol in the bottom right corner to switch directly to recording mode (cf. 4.5).

*Fig. 16: Example view of a patient file*

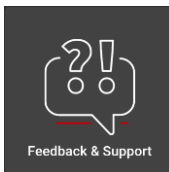
## 4.11 Credits / Plan



*Credits / Plan* shows:

- information on your Hub account, e.g.:
  - plan booked
  - image storage location used
- your available credits
- information on the device you are using
- a link to the Hub

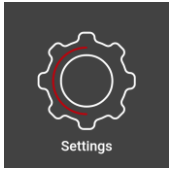
## 4.12 Feedback & Support



In the *Feedback & Support* section you can send us feedback about the app, or request help from our support.

You can also find the detailed hardware description for your handyscope and other helpful links here.

### 4.13 Settings



In the *Settings* menu, you can customise various functions or access information.

■ **My Account**

Here you can:

- find your stored user data
- call up your Hub account or
- sign out (disconnect from the Hub account).

■ **Safety**

Here you can define a PIN to open the FotoFinder handyscope pro app to protect your patient data from unauthorised access.

■ **Camera**

Here you can change the zoom value of the camera and adjust the settings for the attachment you are using.

■ **Synchronisation**

Here you can manually trigger synchronisation with the Hub account.

■ **Mobile Network Synchronisation**

If you enable this feature, your device will also synchronise with your Hub account over a mobile network. This may incur additional costs from your data provider. Otherwise, synchronisation only takes place when connected via WLAN.

■ **Bluetooth**

Here you can establish the Bluetooth connection to your handyscope. You can also change the lighting modes (polarised, non-polarised, off) and save them as the default setting.

■ **Help**

(cf. chapter 4.12 Feedback & Support)

■ **How to**

(cf. chapter 4.12 Feedback & Support)




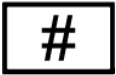






■ **About**


This displays:

- FotoFinder contact details
- your app version
- general information on the app (cf. chapter 4.14 Explanation of the symbols)
- our Terms and Conditions
- information on data protection



## 4.14 Explanation of the symbols

	CE Mark
	Manufacturer
	Country of origin / Date of manufacture
	Model number / version
	Displays the Swiss authorized representative: Johner Medical Schweiz GmbH, Tafelstattstrasse 13a, 6415 Arth, Schweiz
	UK Conformity Assessed Party responsible for UK: FotoFinder Systems Ltd., 100 Addison Road, W148DD London, United Kingdom
	Medical device
	Unique Device Identification
	Electronic user manual
	eIFU indicator



**EU - KONFORMITÄTSERKLÄRUNG**  
**EU - DECLARATION OF CONFORMITY**

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**Hersteller / Manufacturer:**  
**Adresse / address:**

FotoFinder Systems GmbH  
Industriestraße 12  
84364 Bad Birmbach  
Deutschland/Germany

**Single Registration Number (SRN):**  
DE-MF-00007084

**Benannte Stelle / Notified Body**

TUV SUD Product Service GmbH  
Ridderstraße 65  
80339 München / Munich  
Germany

**Zertifikats-Nr. / Certificate No.**  
G10.115802.0002

**Wir erklären hiermit in eigener Verantwortung, dass nachstehendes Produkt  
We declare under our sole responsibility that the product**

**FotoFinder handyscope pro**  
*In the following variants*  
FotoFinder handyscope pro, Version: 1.9  
FotoFinder skin, Version 1.0

**Zweckbestimmung / Intended Use:**

The FotoFinder handyscope pro app is a mobile application that works in conjunction with the FotoFinder Hub online cloud. The application is designed for patient management. Standardized documentation of microscopic images, and to assist in the initial assessment of skin conditions. The FotoFinder handyscope pro enables digital documentation of intact human skin by healthcare professionals. The microscopic images are stored together with the relevant patient data, which makes it possible to visualize changes in lesions during subsequent follow-up examinations of the patient. The FotoFinder application is used in combination with the DermLite handyscope or FotoFinder skin hardware device, which allow to capture microscopic images using a mobile device.

The following features are available:

- Acquisition and management of patient data
- Capturing and managing microscopic images
- Documenting and managing skin lesions
- Assigning a session to patient
- Assigning a body site (localization) to an image
- Requesting a second opinion (Second Opinion) from experts (only for handyscope pro, not for skin)
- Request AI score (Artificial Intelligence)

The FotoFinder handyscope pro app connects online with the MolesAnalyzer pro algorithms to generate the AI score. The connection to the FotoFinder Hub allows to use a second opinion service (only for handyscope pro, not for skin). These functions are only accessible via paid credits. Credit management is only available through a FotoFinder Hub account. The app data is synchronized, stored and managed via this cloud solution. The FotoFinder handyscope pro is intended for skin lesions. The app must not be used to make or confirm a clinical diagnosis or to monitor the disease or skin cancer. The app may only be used by physicians or healthcare professionals trained in the clinical use of the app. The application does not provide a diagnosis. The AI score is based on statistics. The diagnosis and the treatment decision must be made by a physician. The application is intended for transient use. In combination with the DermLite handyscope or the FotoFinder skin hardware device, the product is in continuous use for less than 60 minutes during a diagnosis session.