TrichoLAB SPACE

TrichoLAB Space

User manual

Software version 2.0.X

Please read this manual carefully before use
and always keep it easily accessible!



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Manual version V-2.1 ENG

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1. INSTALLATION

The Space Software must be installed by a trained person or a representative of TrichoLAB or FotoFinder Systems. Installation may be performed remotely.

2. SAFETY

2.1 User groups

The following target groups with the required qualifications may work with the software:

Target group	Qualification
Medical professional	qualified as physician or nurse

2.2 Intended use

TrichoLAB Space is intended for use by healthcare professionals in clinical settings to support treatment of hair and scalp conditions. It is suitable for use in clinical trials, treatment monitoring, and longitudinal evaluation.

2.3 Incident reporting

Any serious incident that occurs in relation to the device should be reported to the manufacturer and the competent authority of the Member State in which the user and/or patient is established.

3. DATA SECURITY

The patient data, performed examinations and photo documentation are stored within the TrichoLAB Space software on the system disk of the Windows computer where software has been installed. To prevent unauthorized disclosure of the data, physical access to the computer should be restricted to authorized clinic staff only. To prevent data loss in case of computer system failure adequate backups should be implemented.

4. STARTING THE SYSTEM



1. To start TrichoLAB Space, double-click on the TrichoLAB Space desktop icon.

NOTE

Before you start using TrichoLAB Space for the first time, make sure you have an active Internet connection. It is required to access your licences and account details in TrichoLAB secure server.

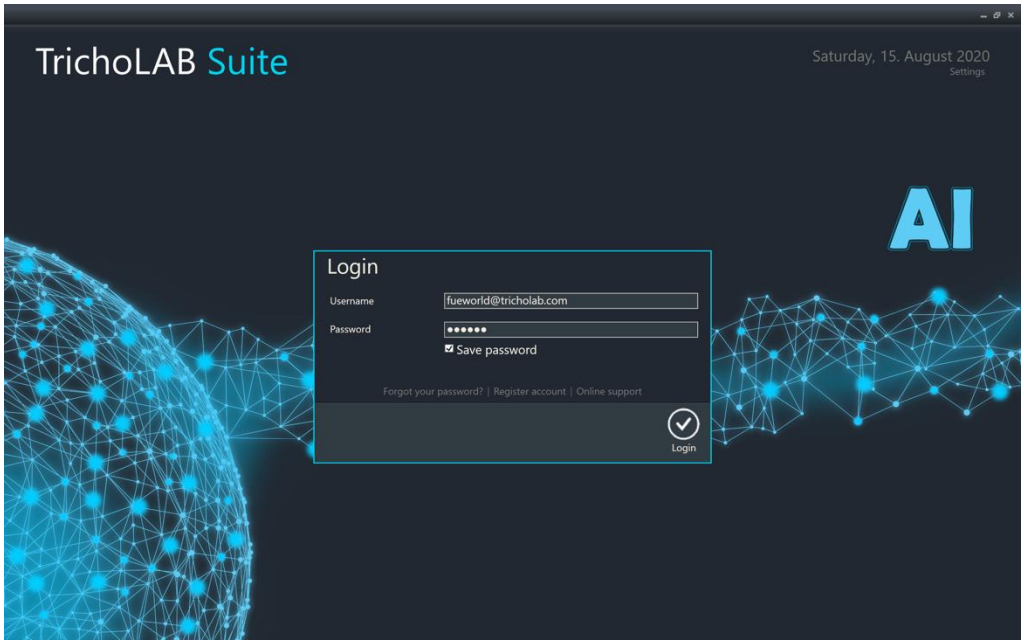


Figure 1: Login screen

2. Login to your TrichoLAB account by entering your email address and a password. If you do not yet have a TrichoLAB account, please contact the sales representative you were in touch with.

When the program is started for the first time, the End User License Agreement window will pop up.

1. Please read this agreement carefully.
2. You will be able to proceed once you have accepted the User License Agreement by checking the appopriate box in the frame at the bottom of the page by checking the appropriate box in the frame. This window will not appear again in the future.

For more details about installation in a network, please ask our Support Team (support@tricholab.com).

4.1 Dashboard

After successfully logging into TrichoLAB Space, the following Dashboard will appear:

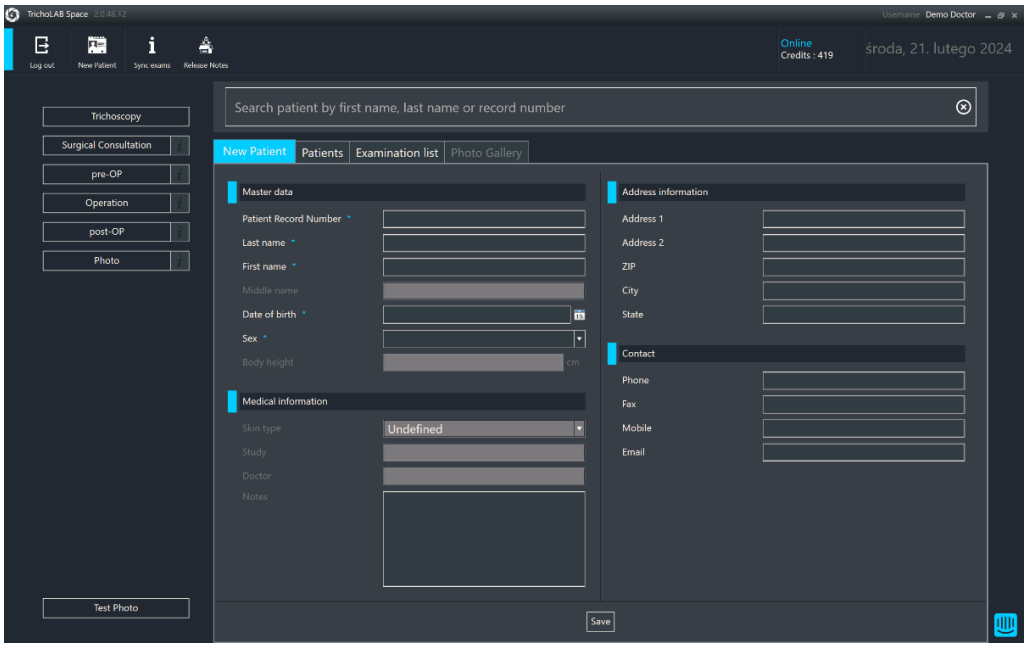


Figure 2: Dashboard screen

It consists of the following tabs under the patient search field:

- *New Patient* - allows to create a new patient.
- *Patient list* - a complete list of all patients.
- Examination list - a full list of all examinations performed across all patients. This list can be global or filtered by any specific patient.
- *Photo Gallery* – becomes active after selecting a patient. It displays a visual overview of all photos taken for the selected patient - across different templates and examinations - providing a quick preview of the available images.

In the left panel there are buttons activating different examination procedures. The available examination procedures depend on hardware configuration and the software licences, e.g.:

- Trichoscopy
- Trichogram
- Surgical Consultation
- pre-OP
- Operation
- post-OP
- Photo

4.1.1 Adding a new patient

To add a New Patient press either the *New Patient* button in the Main Menu (chapter 4.2) or click the *New Patient* tab (highlighted in blue in picture below). Fields marked with asterisks are obligatory. After filling all data, click *Save* button (at the very bottom of the page)

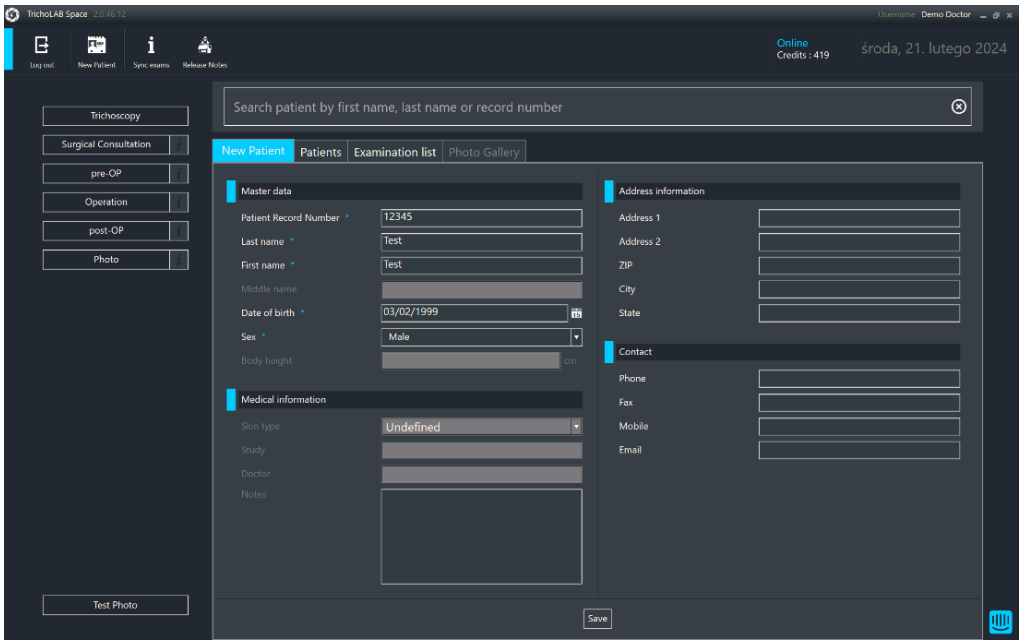


Figure 3: Adding a new patient screen

4.1.2 Patient Search

To search for an existing patient, enter the patient's first or last name, date of birth or patient number into the input field. The matching patients are already displayed during input.

Click to select the patient directly in the Patient Search field.

The selected patient's name, date of birth and patient ID are then displayed in the patient search field.

If required, you can start a new search by clicking on the cross on the right of the input field.

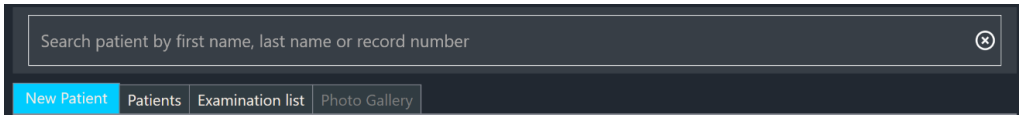


Figure 4: Search field

4.2 Main menu

Main Menu is a top bar with 4 icons and information regarding your camera and account.

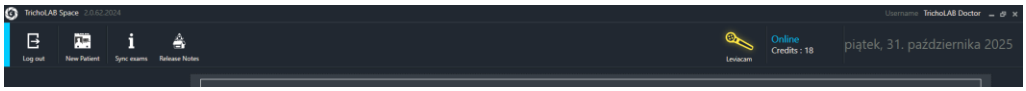


Figure 5: Main menu bar

In the main menu on the left side, there are four icons:

- *Log out* – log out of the software.
- *New patient* – create a new patient.
- *Sync examas* – synchronize examination if you are using the backup function.
- Release notes – information about updates and changes in new versions.

On the right side, you can see:

- Icons of the cameras you have connected, indicating whether they are connected or not.
- The Offline/Online status. (chapter 6.1.3)
- The number of available credits (chapter 6.1.3)
- Date

On the very top there is Software version (left side) and user name (right side).

5. SETTINGS

In the login view, in the upper-right corner, there is *Settings* button. When you click it a new window will appear.

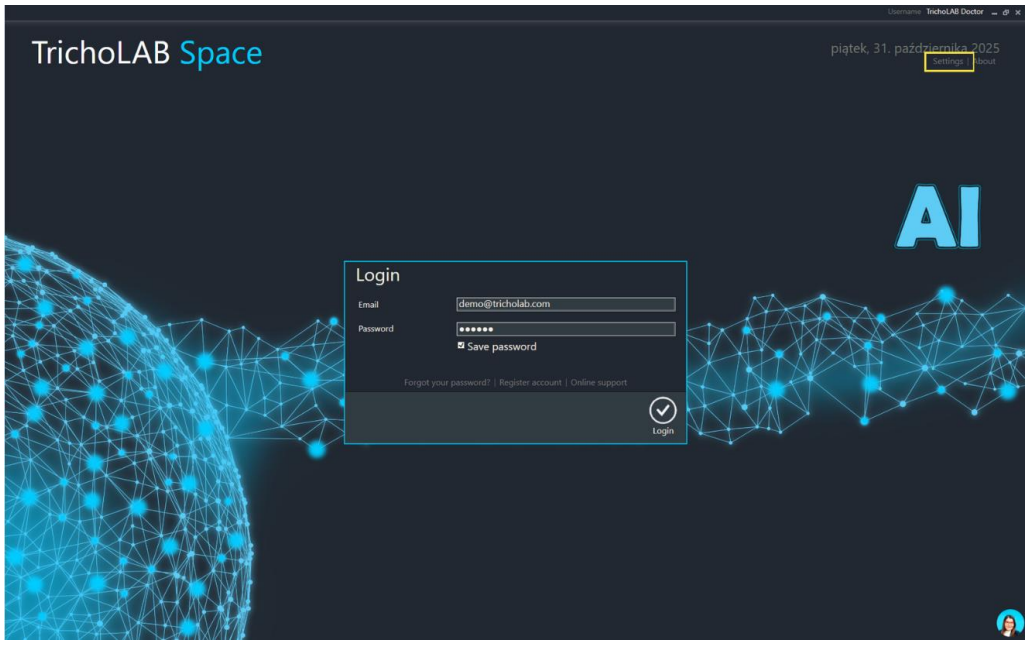


Figure 6: Log in view - placement of settings button

In Settings you can:

- set the interface language of TrichoLAB Space.
- Change type of exported files (reports from Local Processing Chapter **Error! Reference source not found.**)
- See CPUID number – computer ID for license

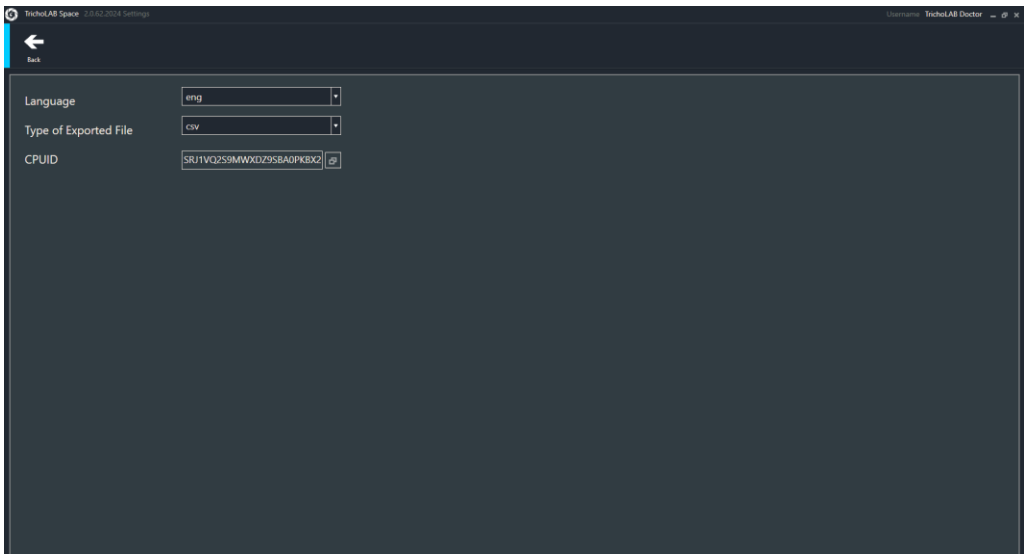


Figure 7: Settings screen

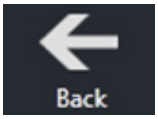
6. IMAGING

NOTE

Detailed descriptions of individual procedures are available in their dedicated manuals.

6.1 Imaging dashboard

6.1.1 Menu bar



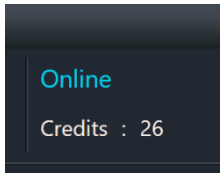
The Menu bar at the top contains all icons responsible for main actions – it changes depending on the module being used.

Back button retunes to the previous screen.

6.1.2 Patient data field

The Patient Data Field displays the active patient's name, date of birth, ID number and gender.

6.1.3 Network indicator & TrichoLAB credits status



Network indicator shows whether the system is Online (blue) or Offline (red).

Status shows the number of TrichoLAB credits available on your account. One credit enables you to order LAB analysis for one examination.

A click on the status redirects to your account on TrichoLAB server, to display the billing history and online credit purchase option.

6.1.4 Examination procedures

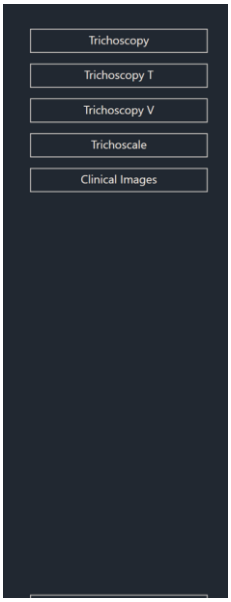


Figure 8. Template bar

TrichoLAB Space is a guided imaging software. For ease and coherence of the data every type of hair assessment has a corresponding examination procedure activated by a separate button. By default, a standard Trichoscopy examination procedure is installed.

- If TrichoLAB Space is used in combination with studio hardware, the head stand, and Canon camera are used for overview images instead of the dermoscope. In addition – only clinical images procedures may be activated.
- If Transplanner 2.0 licence is active, the Trichoscopy T procedure becomes available.
- If Transplanner 3D license is active, 3D scans have function of clinical images. *5 Clinical* procedure (only clinical images) or Open Mode (clinical and micro images) template can be activated.
- For clinical trials or other studies, other custom built examination procedures may be configured.

Selecting the patient from the patient list and clicking on the examination button starts the corresponding imaging procedure.

6.2 Taking images

Taking images with TrichoLAB Space is very easy. The system guides you through the process, automatically choosing the imaging device, image magnification, light and providing tips on imaging spot.

NOTE

All images are taken by pressing the camera trigger twice – with the first press the image is taken and presented on screen, with the second press the image is accepted and saved. To reject a poor-quality image, click on the left arrow (leviacam) or "X" (medicam). The same operations may be performed by left-clicking the computer mouse in the Yes or No fields on the screen.

6.2.1 Clinical images

Standardized global images taken with the same setup, same head position and same lighting conditions are crucial for visual assessment of treatment progression. With TrichoLAB Space™ and TrichoLAB studio™ or FotoFinder Portrait Stand™ with Head Support, professional images can be taken from any angle of the scalp.

NOTE

The Clinical Images procedure template works only with TrichoLAB studio™ or FotoFinder Portrait Stand™ with Head Support. However, any FotoFinder® camera can be used to take clinical images with the lens detached as a part of Trichoscopy or Trichogram examinations.

To take images, a new patient must first be created and/or selected from the patient list.

Then, with the correct patient highlighted on the patient list, click on *Clinical Images* procedure.

If the *Clinical Images* procedure is not available due to license/hardware limitation – clinical images could be taken as a part of Trichoscopy procedure.

A window with active live view will appear.

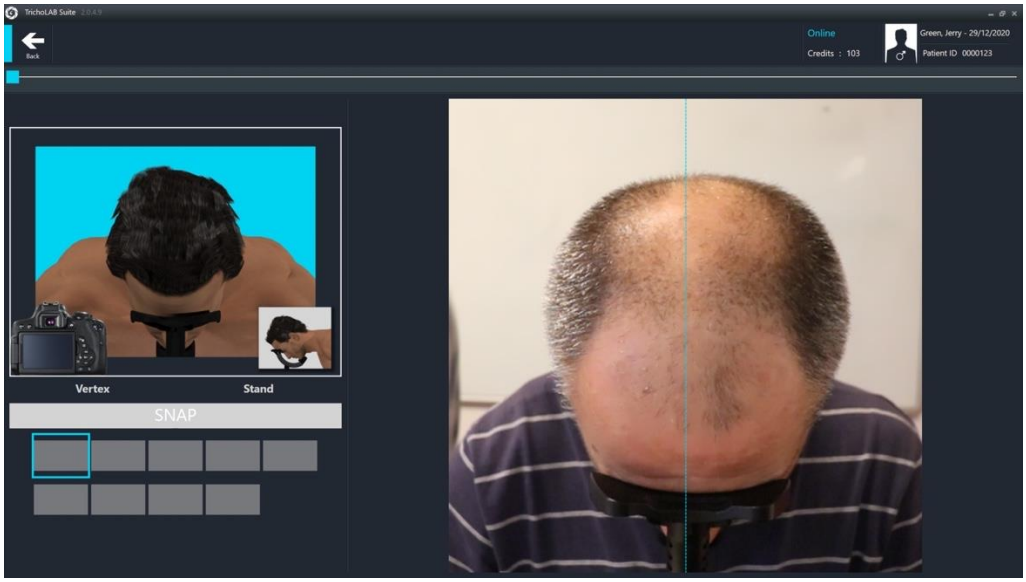


Figure 9: Clinical images with stand

On the left side of the screen, you can see pictures showing how to position the patient against the Head Support and, below, grey fields representing images to be taken.

Follow the instructions shown on the left panel before taking each image.

Press SNAP button to take an image, then YES button to save it or NO button to retake it.

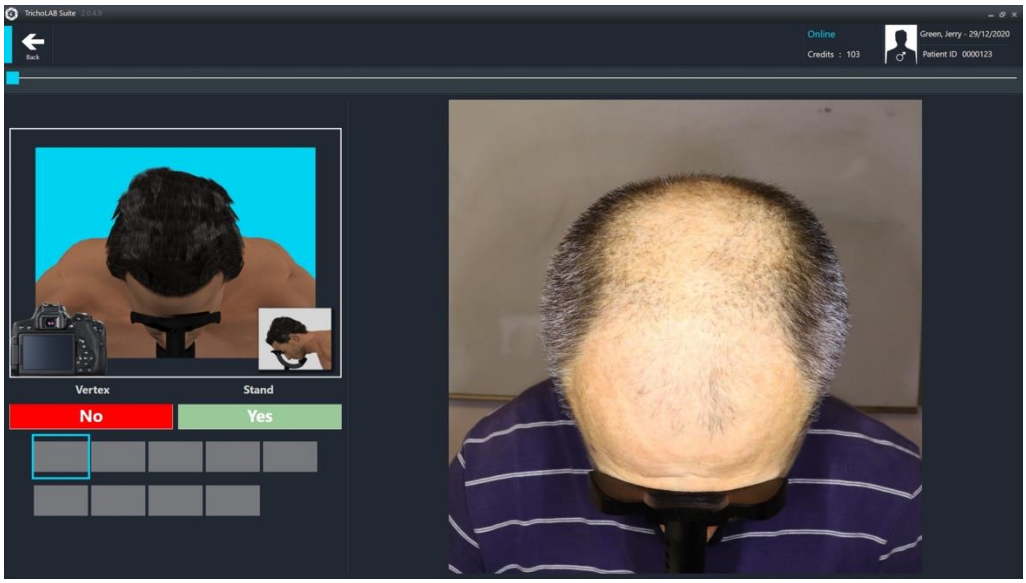


Figure 10: Clinical images with stand

Keep taking images until all grey slots are filled with image thumbnails.

6.2.2 Micro images

Micro images are taken with the lens attached, by placing the camera directly on the scalp. These images allow for a detailed view of the hair and scalp.

It is important to ensure good image quality - the photos should be well-focused, and show clearly exposed hair shafts.

Detailed instructions on how to take micro images for each specific procedure can be found in the dedicated manuals for those procedures.

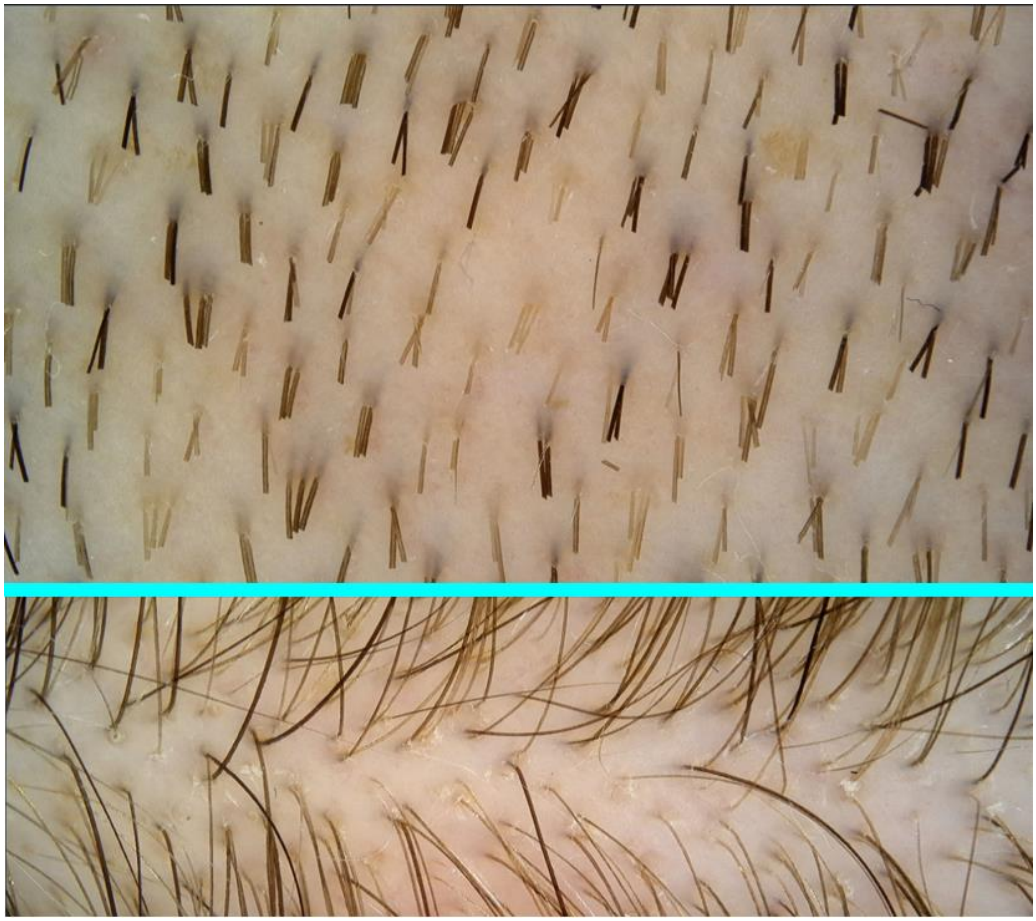


Figure 11: Sample micro images

7. SYSTEM REQUIREMENTS

7.1 Minimum configuration

Camera:

FotoFinder leviacam®

Operating System:

Windows 11

Computer:

NO Virtual Tattoo option:

Processor x64, 4 core (4 threads)

With Virtual Tattoo option:

Intel Core i5 or i7 or (Ultra 5, 7 or 9) x64 processor with:

for 11th Gen Intel Processor or older - 6 cores are required

for 12th Gen Intel Processor or newer processors – 6 of Performeance cores are required

16GB RAM, additional 1x USB 3.0 (leviacam®)

Screen:
1920 x 1080 Full HD

Smaller resolutions not only limit the proper display of the software but also a comfortable mode of operation. Big screens with high resolutions lead to more visibility and more comfort, especially when doing manual corrections of images.

7.2 Recommended configuration

Camera:

FotoFinder leviacam® or FotoFinder medicam 1000s

Operating System:

Windows 11

Computer:

Processor x64, 4 core (8 threads), 8GB RAM, additional 1x USB 3.0 (leviacam®)

Screen:

3840 x 2160 4K UHD

8. MALFUNCTION AND TROUBLESHOTING

8.1 Error handling

This section contains information on troubleshooting.

Please try to work through the following points step by step. If none of the steps solves the problem and the system does not start functioning correctly again, then please use the chat function in the software or in https://lab.tricholab.com or send an email to our support team at: support@tricholab.com

Remote support over the Internet (remote control of your computer) is a great help in this situation. If you wish to use it, please download the TeamViewer software from the following site:

get.teamviewer.com/tricholab

Install TeamViewer app with admin rights.

Then inform us of your ID and the password shown in the TeamViewer software during the support call. Please also name your system / license holder.

8.2 Software error: The software is no longer functioning correctly

Close the software, restart the computer, and run the software again.

If the software error persists or the software is still not functioning correctly, please contact the support team.

8.3 Hardware error: Live view from camera is not visible

Make sure the camera is properly attached and turned on. Then restart the computer and run the software again.

8.4 Service contacts

Write to us: support@tricholab.com

You can find current product information and updates regarding the program itself at

- www.tricholab.com
- https://help.tricholab.com/en/collections/7376512-release-notes (Relese Notes section)

E-learning materials regarding LAB platform, Software and Procedures can be found:

- https://help.tricholab.com/en/collections/3914204-procedures-training-materials (training materials)

- https://help.tricholab.com/en/collections/1834278-user-assistance (LAB and Software managment)
- https://help.tricholab.com/en/collections/7376512-release-notes (Software updates)

We will gladly provide you with the instructional video on image capturing upon request.

info@tricholab.com