

Quick Start Guide

UNEEG EpiSight Analyzer light

Version number 2.4

This version of UNEEG EpiSight Analyzer is not a medical device. It is intended for research and evaluation only.



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Date of manufacture: 2025



Caution: Please read paragraphs marked with this symbol carefully as they contain important safety information.



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This version of UNEEG EpiSight Analyzer must not be used on patients.

Issuing date of this document:
2025-03

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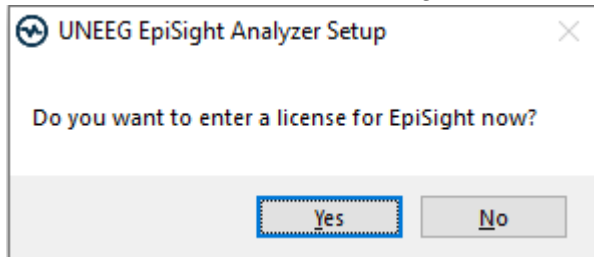
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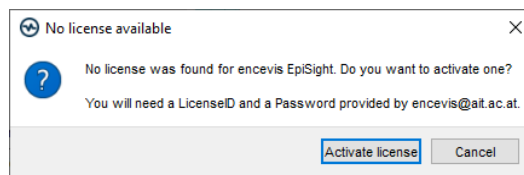
Installation and license activation

1. Download the installer for UNEEG EpiSight Analyzer.
2. Start the installer by double-clicking the downloaded executable.
3. The installer will guide you through the installation process.
4. After the installation the following window will pop up:

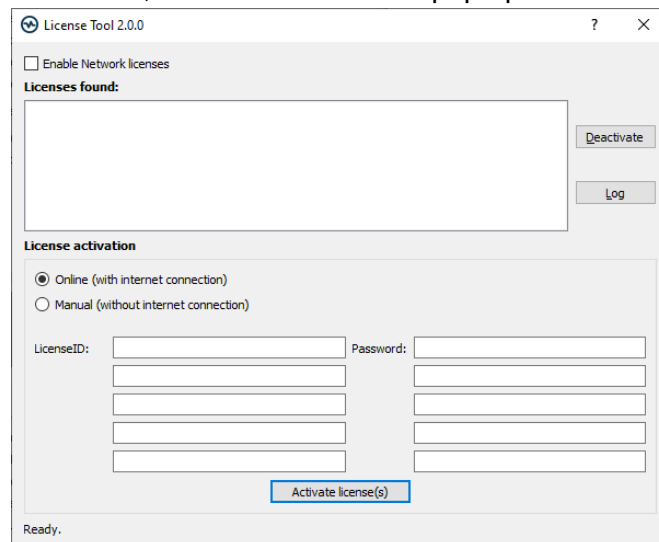


If you click “Yes” you will proceed at step 9.

5. Once the installation has finished, start the EpiSight Analyzer by clicking on the icon on your desktop.
6. You can add new patients to the database and import data.
7. The following steps are just necessary if you have no valid License activated so far. In order to open the patient’s EEG, you will need an active license.
8. Click on “Open patient”, the following window will pop up:



9. Press “Activate license”, the License Tool will pop up.

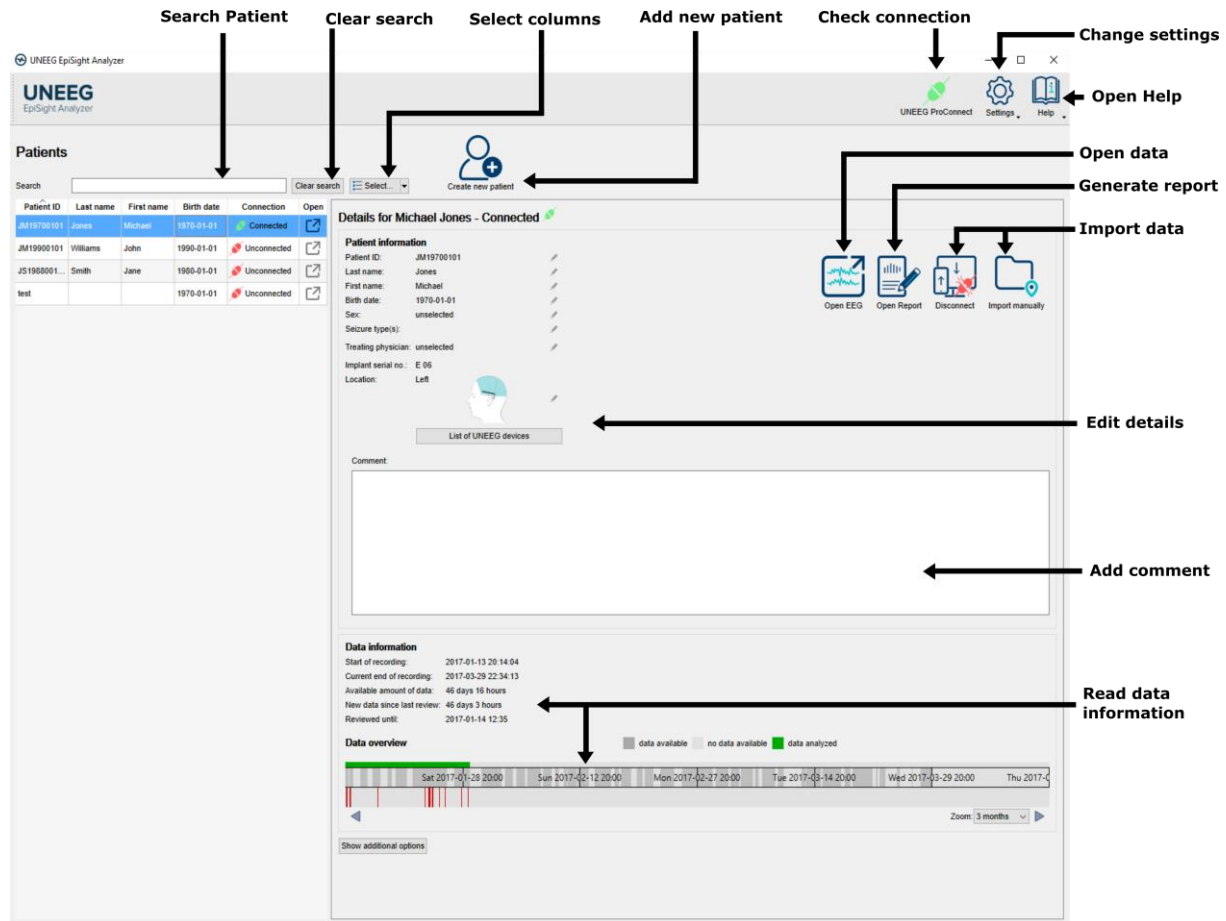


10. If you are connected to the internet, select „Online“ as activation mode. Otherwise, select “Manual” and contact your distributor in order to get the password for the manual activation.
11. Enter your LicenseID and Password.
12. Press ”Activate license(s)“.

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Patient Database

Starting UNEEG EpiSight Analyzer will open the patient database window.

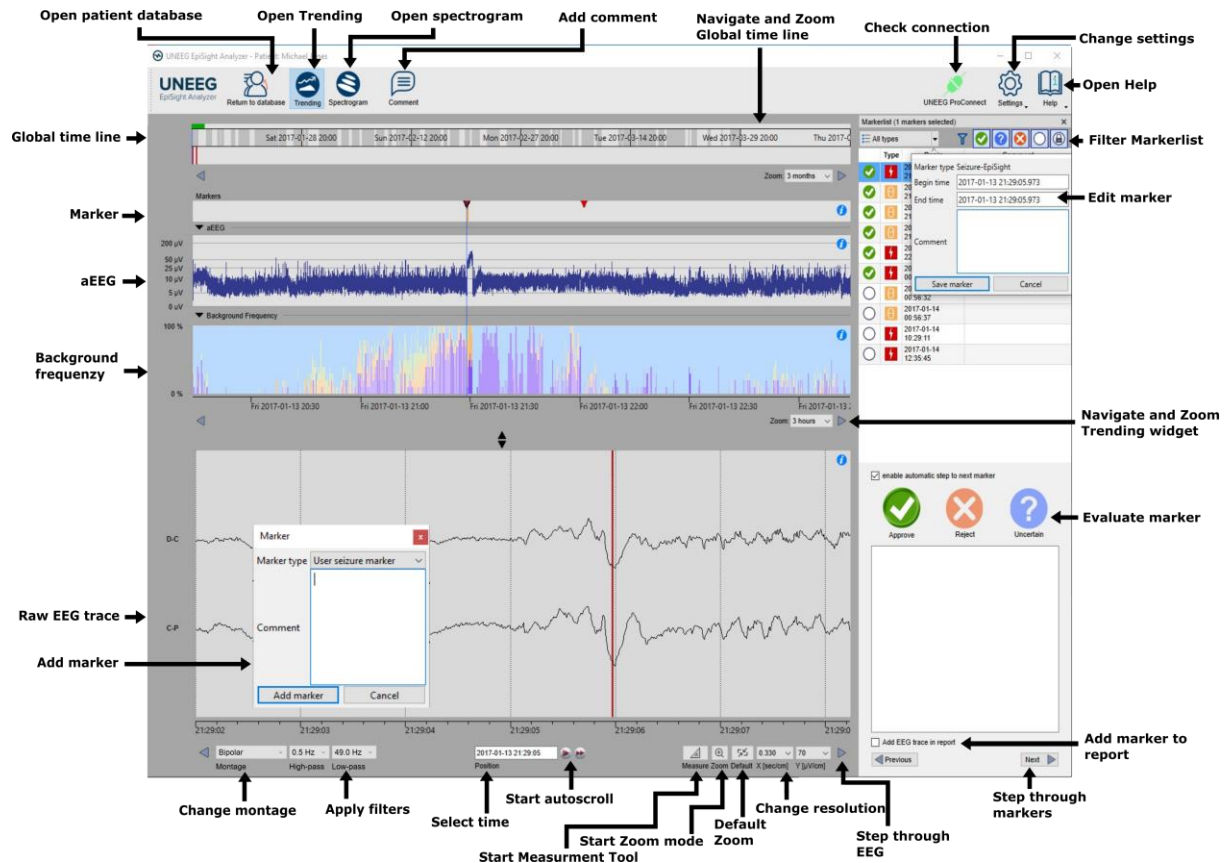


The patient database offers the following functionalities:

- Search for a patient by ID, name or date of birth
- Select the columns shown in the patient list
- Add a new patient
- Edit the patient's information
- Get the information about the EEG data available for each patient
- Open the patient's EEG
- Generate a report
- Connect to UNEEG ProConnect
- Import data by connecting to UNEEG ProConnect
- Import data manually by selecting a folder
- Change settings
- Open help

Trending

Clicking on “Open patient” will open the trending window.



The trending includes the following functions and traces:

- Global timeline with an overview over all available data
- Zoom in the global timeline and in the analysis windows over a drop-down menu or the mouse wheel
- Seizure and other markers in a trace and in a list on the right side of the window
- Rhythmic pattern markers
- Amplitude-integrated EEG (aEEG)
- Background frequency
- EEG plot synchronized to the traces above
- Change montage
- Apply notch, high-pass and low-pass filters
- Change resolution in time and voltage
- Apply standard zoom
- Start zoom mode
- Start measurement Tool
- Start autoscroll
- Add markers

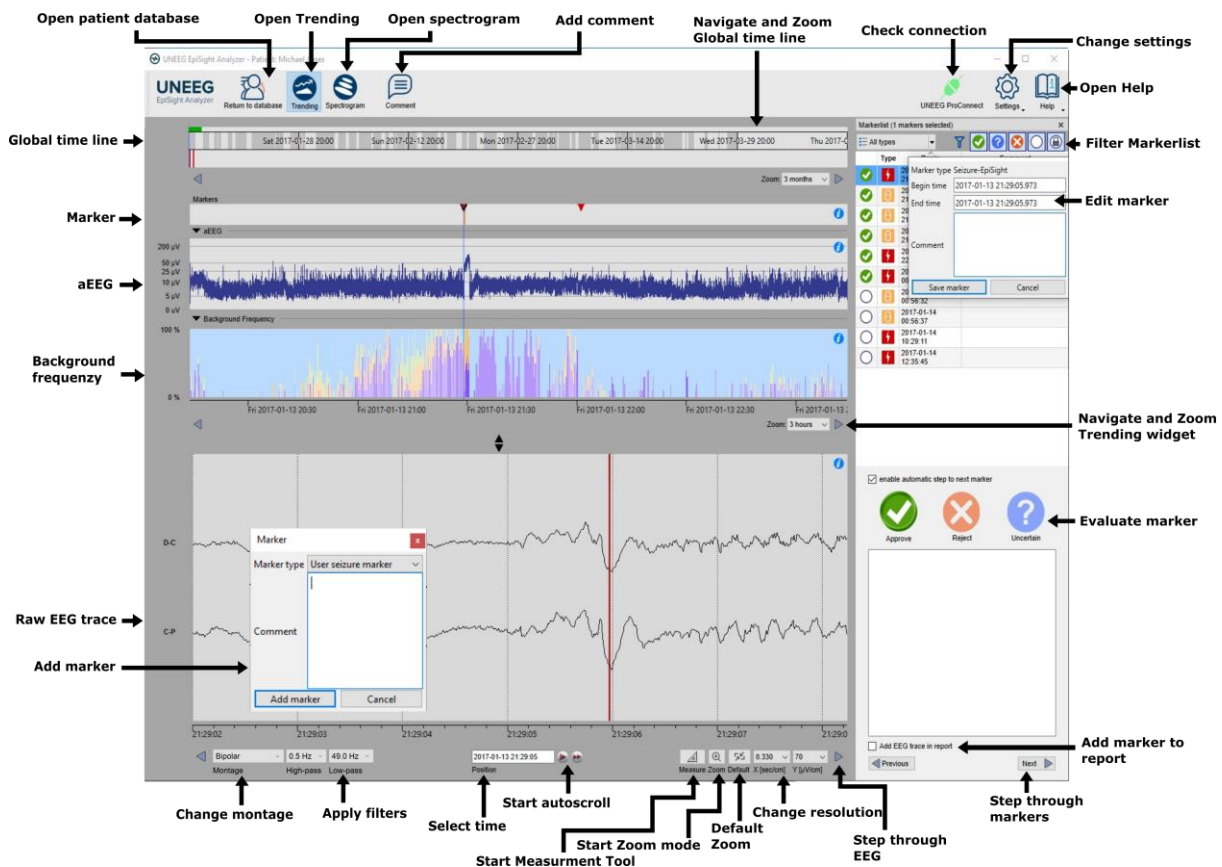
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- Review and edit markers
- Filter marker list by marker type and by status

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Spectrogram

Clicking on the icon “*Spectrogram*” will show the spectrogram traces.



The spectrogram adds the following functionalities:

- Display of the spectrogram of the channels D-C and C-P.
- Get the estimated frequency in the spectrogram trace
- Adjust the color settings by changing the maximum intensity shown.

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Report

Clicking on “Report” will open the report window.

The screenshot shows the 'Report' window of the UNEEG EpiSight Analyzer. The window is divided into several sections. On the left, there are input fields for 'Reported by', 'Reference period' (start and end dates), 'Current period' (start and end dates), and 'Indication for testing'. Below these is a large text area for 'Summary of the findings'. Further down are sections for 'Diagnostic significance' and 'Clinical comments'. On the right, there is a 'Patient Information' section with fields for Name, Sex, Date of birth, Age at study time, Treating physician, Seizure Types, Implant ID, and Location. Below this is a 'Recording and report summary' table. At the bottom right is a 'Seizures over time' plot showing seizure activity over a 24-hour period.

Annotations on the screenshot include:

- Automatically generated content**: Points to the Patient Information and Recording and report summary sections.
- Clear**: Points to the 'Clear All' button in the top right corner.
- Export to PDF**: Points to the 'Create PDF' button in the top right corner.
- Fill out**: Points to the input fields on the left side of the window.
- Copy automatically comment**: Points to the 'Paste from comment' button in the 'Diagnostic significance' section.

	Reference period	Current period
Days of recording	39	37
Usage (%)	62%	61%
Electrographic seizures	4	0
Electrographic seizure rate per 24 hours	0.10	0.00
Patient-reported events	0	0

The report offers the following functionalities:

- Enter additional clinical information including:
 - Indication
 - Summary of the findings
 - Diagnostic significance
 - Clinical comments
- Generate content automatically including:
 - Patient information
 - Statistical information
 - Overview of seizure periods over time
 - Seizure periodicity plots
 - Seizure rate over time
 - Examples of seizures
- Paste the EpiSight comment
- Export to a pdf file

Keyboard shortcuts

The following table shows a summary of keyboard shortcuts available

Modifier	Key	Function
		EEG Plot area
	Arrow left	Scroll EEG-Plot one page to the left
	Arrow right	Scroll EEG-Plot one page to the right
Shift	Arrow left	Scroll EEG-Plot one second to the left
Shift	Arrow right	Scroll EEG-Plot one second to the right
	Home	Scroll EEG-Plot to the beginning of the recording
	End	Scroll EEG-Plot to the end of the recording
Ctrl	+	Zoom one step into the EEG Area
Ctrl	-	Zoom one step out of the EEG Area
Ctrl	0	Zoom EEG Area to default value
Shift	MouseWheel	Zoom at the cursor position in EEG Area
Ctrl	M	Enter measurement mode
	Esc	Exit measurement mode
		Marker List
	Arrow up	Scroll one row up in the marker list
	Arrow down	Scroll one row down in the marker list
Shift	Arrow up	Expand selection with next marker up
Shift	Arrow down	Expand selection with next marker down
Ctrl	A	Select all marker currently visible in the marker list
Ctrl	C	Copy selected marker to the clipboard
	A	Rate selected markers as "approved"
	R	Rate selected markers as "rejected"
	U	Rate selected markers as "uncertain"
		Trending and Spectrogram
Ctrl	S	Show spectrogram
Ctrl	T	Show trending
		Edit Comment
Ctrl	E	Open the comment dialog
Ctrl	Enter	Close patient comment dialog and save comment modifications
	Esc	Close patient comment dialog and discard comment modifications

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		Spectrogram and Trending Widget
Ctrl	Arrow left	Scroll spectrogram/trending plot one page to the left
Ctrl	Arrow right	Scroll spectrogram/trending plot one page to the right
Ctrl + Shift	Arrow left	Scroll spectrogram/trending plot 30 seconds to the left
Ctrl + Shift	Arrow right	Scroll spectrogram/trending plot 30 seconds to the right

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