

EPILOG PREOP HD

Instructions for use

Step 1: create an Epilog PreOp account

Go to <https://preop.epilog.care>



Email

Password

LOGIN

Press the “Don’t have an account yet” option.

Don't have an account yet?

Forgot your password?

Step 1: create an Epilog PreOp account



Fill in your details, view the terms, accept them and submit your information to create your Epilog account.

First name (required)

Last name (required)

Institution

Job Title

Email (required)

I accept the terms of use.

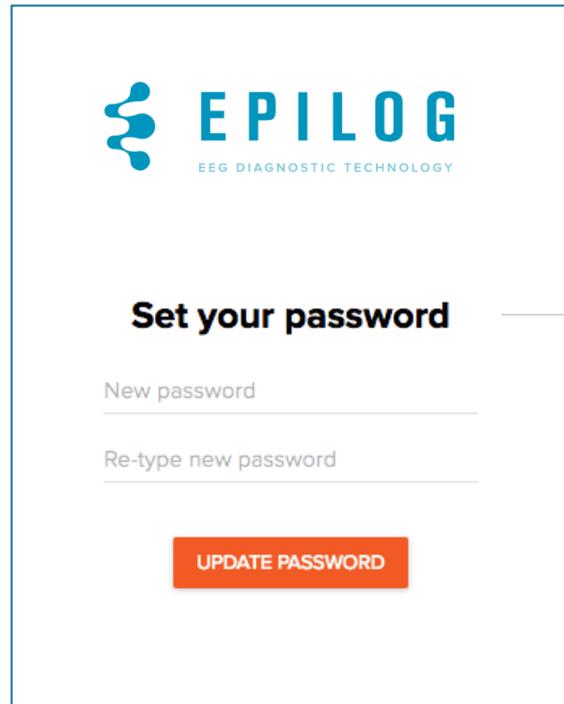
[View terms](#)

SUBMIT

Already a member? [Log in here](#)



Step 1: create an Epilog PreOp account



The screenshot shows the Epilog PreOp account creation interface. At the top left is the Epilog logo, which consists of a stylized blue icon of three connected circles followed by the text 'EPILOG' in a bold, blue, sans-serif font, and 'EEG DIAGNOSTIC TECHNOLOGY' in a smaller, blue, sans-serif font below it. The main heading is 'Set your password' in a bold, black, sans-serif font. Below this heading are two input fields: 'New password' and 'Re-type new password', each with a horizontal line underneath. At the bottom center is an orange button with the text 'UPDATE PASSWORD' in white, uppercase letters.

Check your e-mail and copy paste the link in your web-browser: Choose your password.

Step 2: sign in to your Epilog PreOp account



Email

Password

LOGIN

[Don't have an account yet?](#)

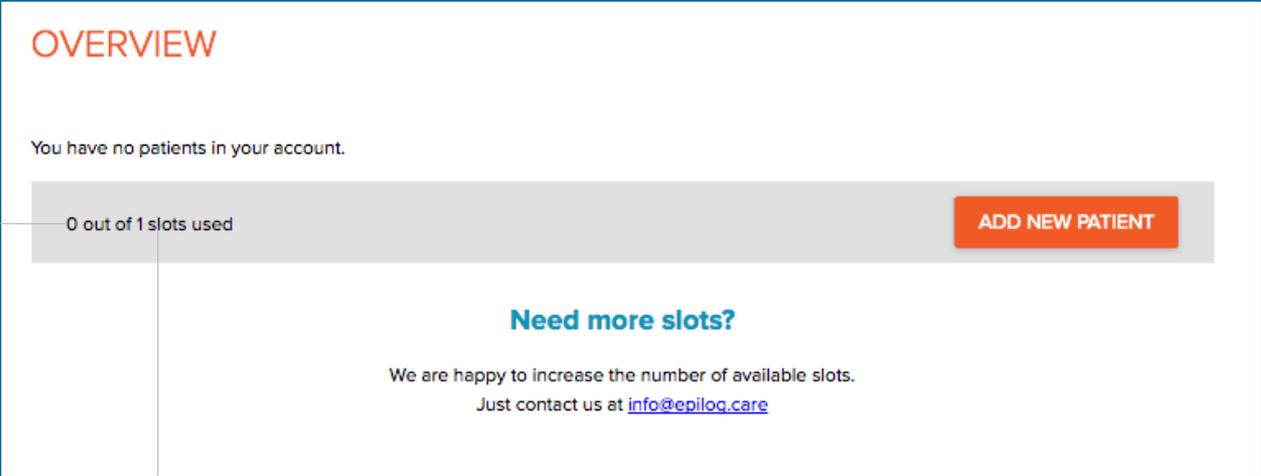
[Forgot your password?](#)

Go to <https://preop.epilog.care> again and fill in your details. Press login.

Add a new patient

Once you signed in to your account, you'll get the overview page of the patients that were submitted for processing, to add a **new patient** you can **press** the **add new patient** button.

If a new patient is submitted for processing, one slot will be used. This number counts the patients that were submitted for analyses on your account.

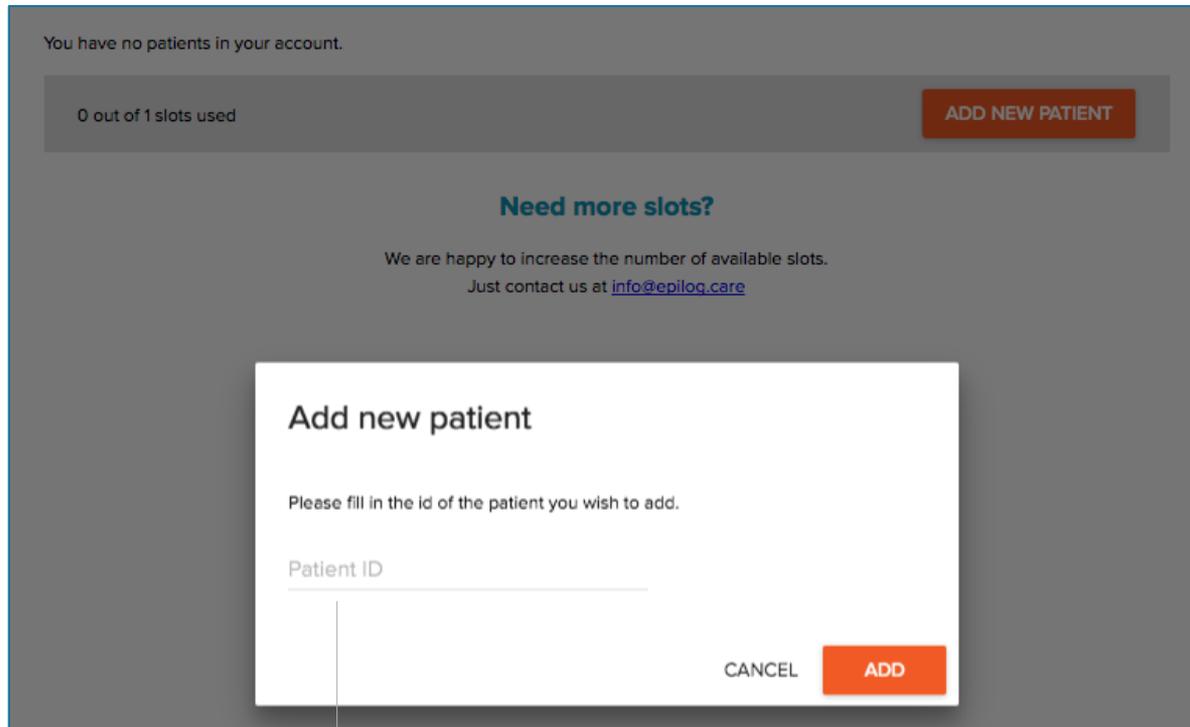


The screenshot shows the 'OVERVIEW' page of the EPILOG system. At the top, it says 'OVERVIEW' in orange. Below that, it states 'You have no patients in your account.' A grey bar displays '0 out of 1 slots used' on the left and an orange 'ADD NEW PATIENT' button on the right. Below the bar, there is a section titled 'Need more slots?' in blue, followed by the text 'We are happy to increase the number of available slots. Just contact us at info@epilog.care'.

The number of slots depicts the number of analyses you still can do on your account. Contact us at info@epilog.care to increase the number of slots. If you have a new account, you will get 1 slot by default.

Add a new patient

Once you press add new patient, you will be asked to give your patient a unique identification code.



The screenshot shows a dark gray background with a white dialog box in the center. At the top left, it says "You have no patients in your account." Below this, a gray bar contains "0 out of 1 slots used" on the left and an orange "ADD NEW PATIENT" button on the right. In the center, the text reads "Need more slots?" followed by "We are happy to increase the number of available slots. Just contact us at info@epilog.care". The white dialog box has the title "Add new patient" and the instruction "Please fill in the id of the patient you wish to add." Below this is a text input field labeled "Patient ID". At the bottom right of the dialog box are two buttons: "CANCEL" and "ADD".

Give the dataset you want to submit a **unique ID**.
You can use this ID to identify your patient.

Add a new patient

After assigning your patient ID, you can select the HD-EEG and MRI data. You'll have a separate upload dialog for the HD-EEG data and one for the MRI data. Please select the HD-EEG and MRI data upload guidelines on the next pages.

The screenshot shows a web interface titled "EDIT PATIENT TEST" with a subtitle "Created on Tue Feb 14 2017". The main content area is divided into two columns: "EEG" and "MRI". Each column contains a large rectangular area with a cloud icon and an upward arrow, indicating a file upload zone. Above the icons, the text reads "DROP FILES OR CLICK BELOW TO ADD" and "CLICK FILENAME TO DELETE". Below each icon is a button labeled "ADD FILES". At the bottom of the interface, there is a "Notes" section with a text input field, a "< BACK" button, and a "SUBMIT PATIENT" button.

You can drag and drop your files into the HD-EEG upload dialog or press add files to open a file browser.

Add notes for your patient if you want to add an extra specification.

Note that the patient ID in this case is TEST

You can drag and drop your files into the HD-EEG upload dialog or press add files to open a file browser.

Important!: EEG upload guidelines

- **Automated Spike Detection**

We accept HD-EEG recordings from EGI, Brain Products, ANT or others with a duration > **3 hours** for automated spike detection. If you have multiple files from the same recording, please put the files in a folder first and upload them in a zipped folder.

- **Manual Marking**

We accept HD-EEG recordings from EGI, Brain Product, ANT or others with a duration < **3 hours in which the spikes are marked manually.**

The EEG data must be recorded in one **continuous recording session**. We do not except multiple recordings of the same patient in one submission.

If you have multiple files from the same recording, please put the files in a folder first and upload them in a zipped folder.

For .mff files of EGI, please zip the files first before uploading.

Important!: MRI upload guidelines

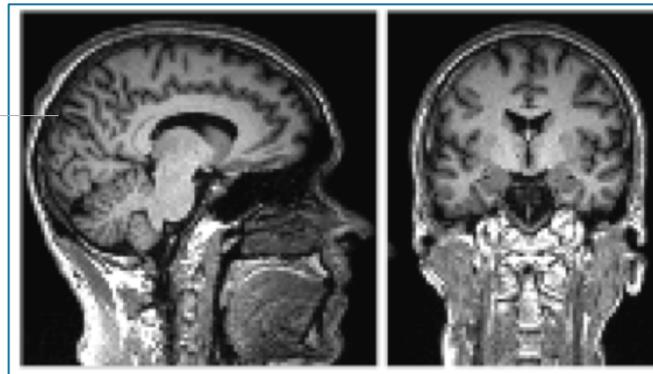
3D T1 in which the **head of the patient** is **fully captured** (in axial, sagittal and coronal plane).

Resolution of the MRI is equal or **smaller than 1.5 by 1.5 by 1.5 mm**.

The MRI is **artifact free** (no aliasing – metal artifacts).

We accept **DICOM** files or **NIFTI** images. If you upload DICOM images, please put the DICOM files in a zipped folder before uploading.

Please make sure the scalp of the patient is fully captured. This is necessary to accurately model the head of the patient for source localization



Step 3: submit your patient data for Epilog PreOp HD analysis

EDIT PATIENT TEST

Created on Tue Feb 14 2017

EEG

DROP FILES OR CLICK BELOW TO ADD
CLICK FILENAME TO DELETE

✓ MRI.zip



ADD FILES

MRI

DROP FILES OR CLICK BELOW TO ADD
CLICK FILENAME TO DELETE

✓ EEG.zip



ADD FILES

Notes

← BACK

SUBMIT PATIENT

After uploading the HD-EEG and MRI files, the submit button will become active. Submit the files for processing.

Patient status is submitted

test

Thu Nov 09 2017

SUBMITTED...

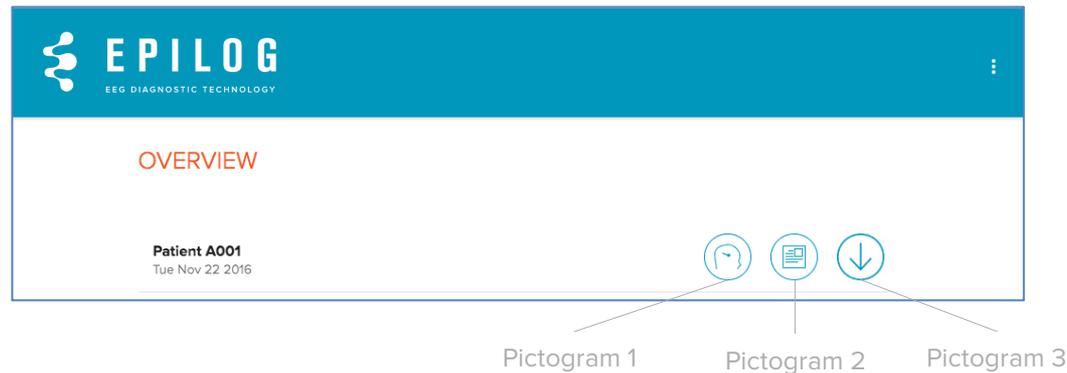
After the patient data is submitted it will get the **status submitted**. Once Epilog starts processing the data, the status will change from **waiting** to **processing**. The **results** will be **ready within 72 hours**.

Patient status is waiting



If you click the back button before all data was uploaded, the status will be **waiting**. When the status is waiting, you can still add data extra data by pressing the pencil button. By pressing the pencil button you will go back to the upload screen that was explained on the previous page of this guideline. Once you choose to submit the data, the status will go to submitted and you will not be able to change the data anymore.

Access and interpret the results



Once the **results** of the patient are ready, the status changes into **three pictograms**. The **first** one corresponds with the **3D viewer**. Please read the Epilog PreOp **viewer guidelines** for more information. The **second** pictogram corresponds with the **pdf report**. Please read the **report interpretation guidelines** for more information. The third pictogram corresponds with a download option.

Please check if there are pop-up blockers active in your browser. Always allow pop-ups from www.preop.epilog.care

Using pictogram 3, you can download the results of the analysis: the report, the DICOM/Nifti images of the source localized activity per detected spike cluster and the MRI of the patient coregistered with the source localized activity maps.

Important! Note that the DICOM files are downloadable in a zipped folder. **For mac users, use the unarchiver** (download link in itunes: <https://itunes.apple.com/nl/app/the-unarchiver/id425424353?mt=12>) to unarchive the files.

The Epilog PreOp software is for professional use only



Requires prescription in the United States.



Indicates the need for the user to consult the instructions for use for important cautionary information such as warnings and precautions that cannot, for a variety of reasons, be presented on the medical device itself.



Indicates the need for the user to consult the instructions for use.

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Product: Epilog PreOp v1