Practitioner’s instructions for use

EMAA PRO 2 - EMAA HOME

eyesoft

EMAA Pro 2 User Guide

WEB INTERFACE VERSION: V 2.5.0 | VR INTERFACE VERSION: V 1.8.0 / 3.3.0
USER GUIDE VERSION: V 2.17 | 2026-01-07

Manufacturer:
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Symbol	Title
	Medical Device
	CE Marking
	Consult instructions for use or consult electronic instructions for use
	Caution, consult the User Guide for important warning information
	Manufacturer
	Authorized Representative in Switzerland

1. Important - Read Before Use

1.1. Before First Use

Welcome to the user guide for your EMAA Pro 2 solution.

This guide has been designed for the latest software version available only for PICO Neo 3 Pro Eye and G3 headsets.

Before starting your first use of the solution and platform, please read the following information carefully:

- Keep the original packaging and manufacturer's instructions so that you can refer to them for advanced headset features.
- Digital instructions are available online. You can access them by visiting the support portal.
- Paper instructions are available free of charge upon request. To obtain them, use the contact form on the support portal. Delivery time: 7 calendar days.
- A (stable) WiFi connection is essential to connect the headset (mobile hotspot sharing can be used if necessary).
- Secure the immediate environment to avoid falls or impacts; seated use is recommended.
- Any damage (breakage, scratches, or optical exposure to the sunlight) caused by improper use will be your responsibility.
- Cleaning the leather before or after each use: prefer a gentle solution (alcohol-free disinfectant wipes) to limit premature wear.
- Recharge the headset every two hours of use.
- You can report any serious incident related to the device to contact@eyesoft.fr or to the French National Agency for the Safety of Medicines and Health Products (ANSM).
- In case of device malfunction, please contact Eyesoft.

Never expose the optics to direct sunlight!

1.2. Technical Recommendations

TECHNICAL INFORMATION

For the headset, a minimum 4K RGB resolution is recommended with a refresh rate of 75 hertz, a pixel density greater than 800px, a FOV (Field Of View) of more than 90° and a minimum storage space of 32GB. The EMAA Pro 2 version is used with a headset equipped with an eye tracker, thus allowing measurement of both eyes' movements.

WEB BROWSER

The EMAA Pro 2 solution equipped with the Android operating system is compatible with Chrome (V≥88), Firefox (V≥87) and Safari (V≥15.6) browsers.

1.3. Recommended Internet Speed

- Upload (outgoing): Minimum **5 Mbps**

- Download (incoming): Minimum **5 Mbps** for basic interface usage, though some data visualization may be delayed. **25 Mbps** is recommended for an optimal experience.
- Latency (Ping): Should not exceed 60 ms.

Proper functioning of Eyesoft is not guaranteed for speeds below 5 Mbps upload or download.

> Eyesoft cannot ensure smooth performance with speeds below the stated requirements. Unstable connections may also disrupt use despite sufficient speed. Testing network stability on dedicated platforms is advised.

1.4. Port Configuration

- **Protected and private WiFi network**
- **app.eyesoft.fr** available on **port 443 (HTTPS)**
- **api.eyesoft.fr** available on **port 443 (HTTPS)**
- **api.hads.eyesoft.fr** available on **port 443 (HTTPS)**
- **stun.eyesoft.fr** available on **port 5349**
- **turn.eyesoft.fr** available on **port 5349**
- **iot.fr-par.scw.cloud** available on **port 1883 and 8883 (MQTT)**
- **websocket.iot.fr-par.scw.cloud** available on **port 80 and 443** (Websocket)
- **www.eyesoft.fr** available on **port 443 (HTTPS)**

2. Purpose and Indications

EMAA Pro 2 is a software as a medical device (SaMD) using extended reality designed for the assessment and rehabilitation of visual and oculomotor functions.

The solution aims to assist in the evaluation, training and improvement of oculomotor abilities in order to relieve symptoms.

Its use is indicated for assistance in the evaluation and rehabilitation of patients suffering from oculomotor imbalances, aged over 8 years (under adult supervision for minors), whose cortico-retinal correspondence is normal (NRC). It should not exceed 20 minutes per session and one session per day.

As with any orthoptic practice, the device may cause certain transient effects (visual discomfort, headaches, nausea, dizziness).

Patients with a history of vestibular or neurological disorders (convulsions, epilepsy, or other major neurological disorder) are particularly susceptible to the side effects described above. For these patients, it is recommended to specifically assess the relevance of including the EMAA solution in the patient's orthoptic care and to inform them of potential side effects related to their history.

Before using the Platform in telecare as part of the EMAA Home offer, the orthoptist acknowledges being aware of Amendment No. 14 relating to the use of telecare, an amendment to the National Convention organizing relations between Orthoptists and the National Union of Health Insurance Funds. The notice of this Amendment No. 14 dated October 28, 2021 was published in the Official Journal No. 0254 on October 30, 2021.

3. First Start

3.1. Headset Ergonomics

As stated in the precautions, it is strongly recommended that you put on and remove the headset for the patient yourself.

Position the optics in front of the patient's eyes and pass the straps behind their head.

Once the headset is positioned, adjust by turning the dial at the back of the adjustable strap.

You will save time and avoid wrong manipulations leading this step by yourself.

When removing the headset, be careful with the patient's glasses, if necessary ask them to hold them.

3.2. Turning On

Press and hold the on/off button on top of the headset for 5 seconds.

This is the same procedure to turn off the headset.

3.3. Headset LED Indicator

Headset on (solid blue)

Headset shutting down (blinking blue)

When the headset is **off and plugged in**:

Full battery - between 98% and 100% (green)

Battery charging - between 20% and 98% (yellow/orange)

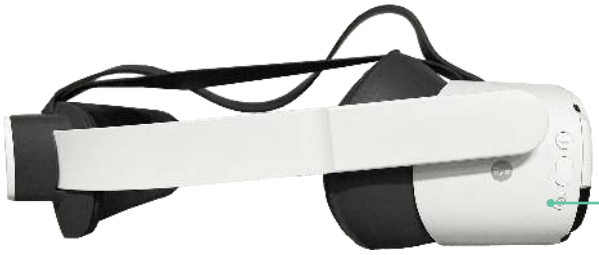
Low battery - below 20% (red)

If the headset is not plugged in and below 20% battery, you will see a blinking red light

The headset's network performance is degraded below 20%, make sure you have enough battery before starting a test.

3.4. VR Realignment

If the display is misaligned, press the side button to recenter the view.



You can simply realign it in front of you by long pressing the bottom button on the side of the headset.

You can also realign the environment during the session directly from your interface.

3.5. Navigation and Interaction in the Headset

You can validate tabs in VR in two different ways:

Either by intuitive selection, simply aim and let the round cursor fill up for 3 seconds.

This is the main selection mode that your patient will need to understand to use EMAA Pro 2.

Or by aiming (directing the white pointer towards the tab) then click the main button on the right side of the headset.

This will be used mainly for WiFi configuration during the initial configuration.

3.6. Wi-Fi setup

During the initial configuration, you will need to setup the Wi-Fi connection.

Using intuitive selection, select "Setup" to enter the headset's network menu.

For this step, you will need to use click selection (main headset button).

Select your network, enter the Wi-Fi password, confirm, then exit the menu by pressing the (-) button once (top button on the side of the headset).

After this step, you will need to enter your practitioner code.

To manage your WiFi connections, you can find them by going to the "Settings" tab in the headset's waiting room.

3.7. Practitioner code setup

Using intuitive selection, enter your 6-digit code (present on your web interface dashboard) then validate by hovering "continue".

You will then arrive at the headset positioning phase (preliminary step before each use).

3.8. Controller Configuration

For more information on using the controllers, watch this video on the Eyesoft's Knowledge center.

Turn on the controllers by pressing the "home" buttons on the controllers.

In the headset, when you are in the waiting room, go to the settings tab (gear icon at the top) then select "Controller".

Using the headset selection button, select the "Controller" tab on the left, and follow the in-headset guidance to pair / un-pair the controllers.

To use the controllers, after initial pairing:

The controller and aiming laser appear in VR, you can then use it to select with the trigger.

To recalibrate the controller and aiming, hold the "Home" button for 3 seconds.

Press and hold the (-) button on the controller for 3 seconds to quickly enable / disable the controller.

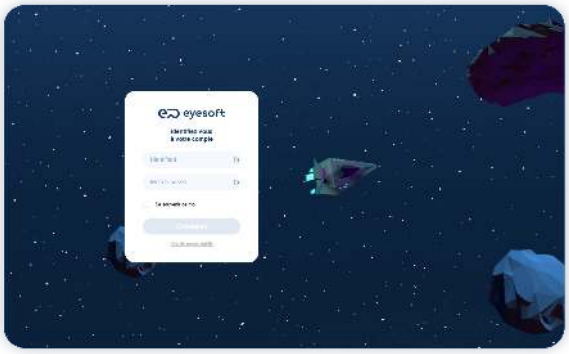
You can enable / disable the controller directly from your interface during the session, by clicking the **Enable/Disable game controller** button (see Session Management)

Congratulations! You are now ready to use EMAA Pro 2!

4. Interface use

4.1. Practitioner login / Web interface

On the eyesoft.fr homepage, select Connexion at the top right, then Accès à votre espace choose Orthoptistes to enter your practitioner interface.

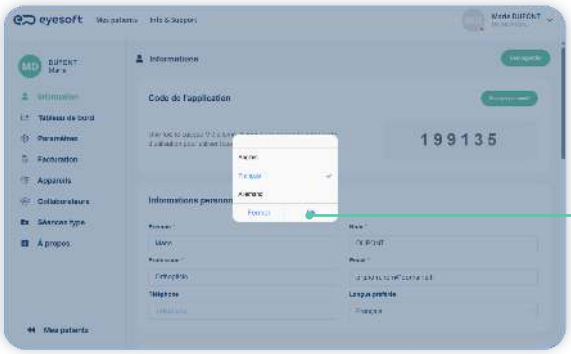


Enter your username (email address) and your password then validate.

Only one session should be active at a time, do not log into your interface on another tab or computer simultaneously.

4.2. My profile

You can access your personal and billing information by clicking on your name then selecting **"My profile"**.

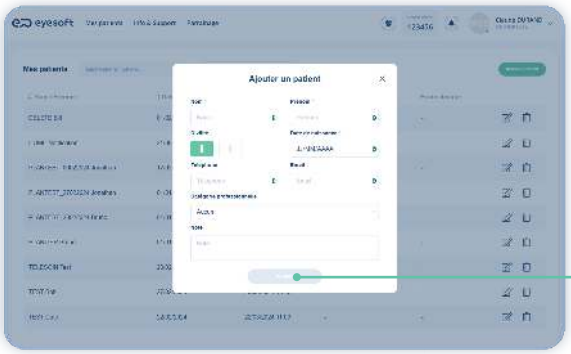


You can change the language used on the platform : choose the desired language in the **Favorite language** dropdown menu, then click **Save** at the top right of the page.

This change also modifies the language used in the headset. This modification takes effect after restarting the headset.

4.3. Patient List

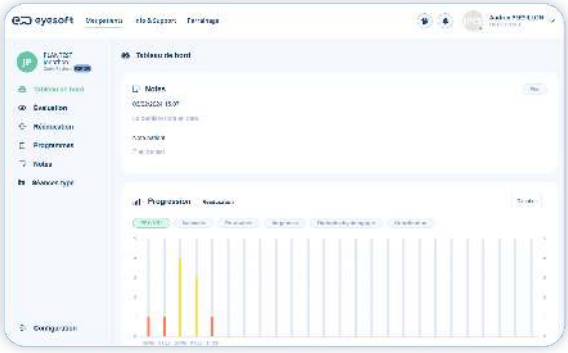
After logging in, you have access to your patient list.



To create a **New patient**, select the green button at the top right. Complete the data and click **"Add"** to finalize your patient's registration.

4.4. Dashboard

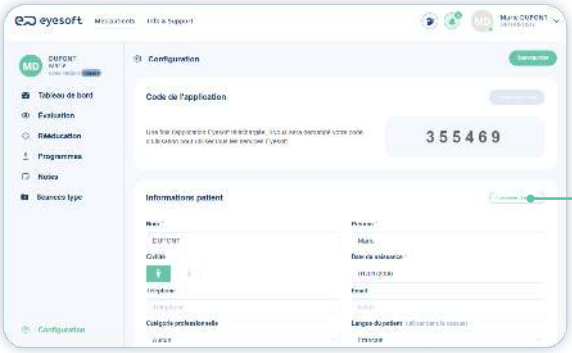
For each patient, by clicking on Dashboard, you find the following information:



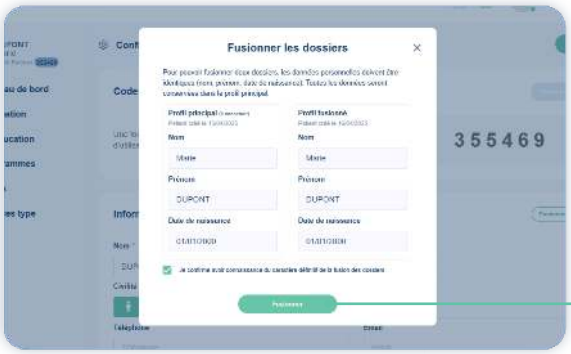
- **Overview of recent history**
- **Patient progress**
- **List and duration of all completed sessions**

4.5. Merging Two Patient Records

If you have added the same patient twice to your list, you can merge both records by going to the Configuration page of the patient concerned.

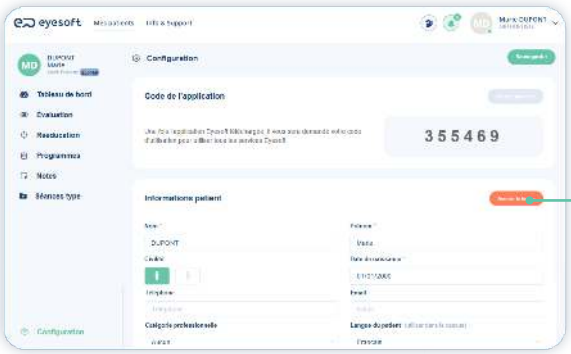


Click on **Merge records**.



The duplicate profile is automatically identified: if it does not appear, then **check that the name, first name and date of birth are identical on both files**.

Then check the box to confirm and click **Merge**.



To cancel the merge, click **Cancel merge**.

If the same patient is present more than 2 times in your list, the operation will need to be performed several times. Additionally, merges are performed asynchronously, overnight.

4.6. EMAA Pro 2 Welcome Environment (in the headset)

HEADSET POSITIONING

This is the preliminary step before each use. It allows optimal headset positioning.

Once the headset is placed on their head, the patient must align their head and see the drawing of the head with the headset correctly. **If they see part of the drawing as blurry**, the headset needs to be better positioned.

You can ask the patient to adjust the headset themselves as requested in VR.

Remember to align the menus (See* Session Management*) so that the patient starts the session with the menus facing them.

NOTE: Please note that the headset will automatically return to this step if it is removed or if you click on the round target near the "Start" tab.

Purpose of the sticker

It allows you to keep the headset out of sleep mode. When getting started, or if you want to do tests yourself (without a patient), **put the sticker on the photoreceptor between the optics, this allows you to avoid the systematic return to calibration**.

HEADSET FEATURES

1. Exit session:

To exit the session, select the cross then confirm. The practitioner code will be requested to open a new session.

2. Change environment:

Select the rocket or fish icon tab to switch between environments.

3. Access settings:

Select the gear icon tab to access settings (controller, Wi-Fi, or updates).

4. Reposition / Recalibrate:

Select the right tab to return to "headset positioning".

EYE TRACKER CALIBRATION

Before using the EMAA Pro 2 solution, eye movement calibration is required.

Vertical positioning check

Optional, only if the detected positioning is not optimal.

Before starting eye tracker calibration, the headset detects if the vertical position allows optimal calibration.

If it detects that the headset is too low, an image recommends raising it:

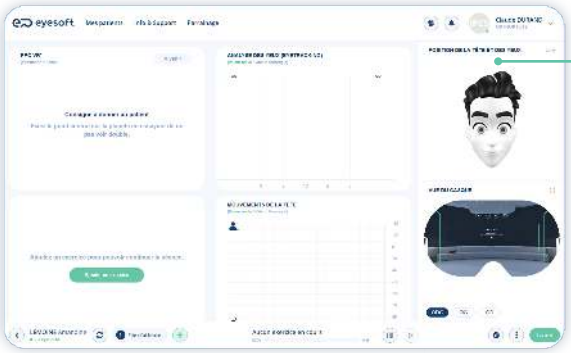
If it detects that the headset is too high, an image recommends lowering it:

Once the headset position is validated, calibration starts automatically.

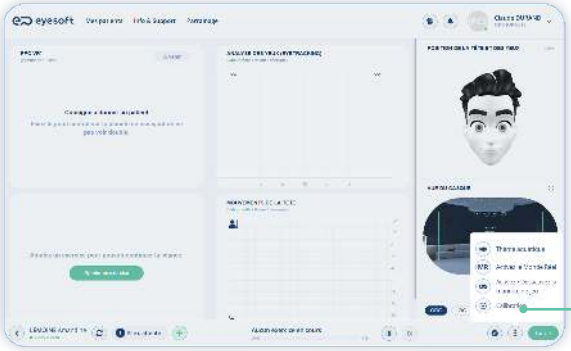
The patient must follow **precisely with their eyes** a target moving in all directions to validate the calibration.

Once the calibration is complete, ensure that the patient **does not move the headset during the session**, as this may disrupt tracking!

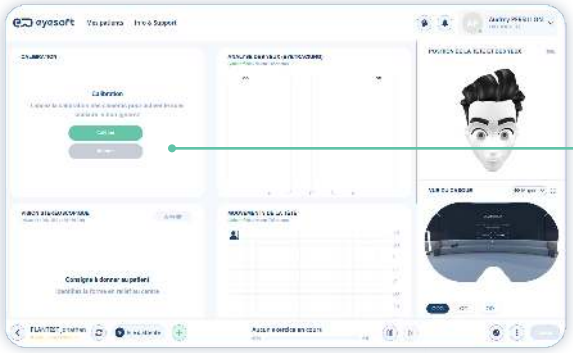
The eyes modeled on the head in the interface appear **green if eye tracking data is available**, and **gray when the data is unavailable** (poor calibration, poor detection, eyes closed).



In case of bad calibration, the following message appears on the interface over the head : **"New calibration recommended"**



You can restart it by clicking on the **"calibration"** tab.



Throughout the calibration phase **you can take control of your patient's actions** to validate the commands displayed in the headset.

Important information about eye tracking

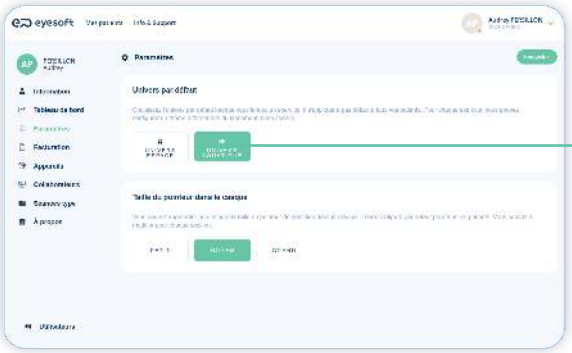
In some cases, it is normal for calibration to lack reliability (children / dark irises / corrective lenses...).

Some slight head movements (including when the patient speaks) can significantly move the headset and impact eye tracker reliability. You may therefore observe discrepancies between the eye-tracking datas and theoretical traces.

The purpose of eye tracking offered by EMAA Pro 2 is to visualize eye movements in order to track and validate the proper completion of tests and exercises by the patient. It is not intended to precisely analyze micro-movements during pursuits and saccades, even if the visuals are accurate enough to assist in evaluating the quality of oculomotor movements.

DEFAULT ENVIRONMENT

You can set your headset's default environment. The choice of environment affects the scenery as well as the objects appearing during exercises.

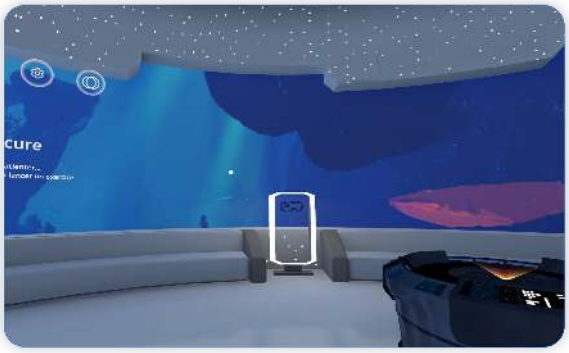


Go to your profile and click on the **Settings** tab. Select a universe from those offered.

This choice will apply by default to all your patients but for each exercise you can configure a different theme when launching a session.

→ Space universe

This is the "historic" environment of the EMAA Pro 2 solution, it offers marked contrasts and simple geometric shapes.

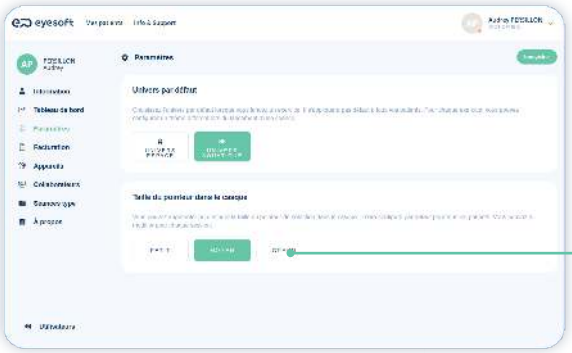


→ Aquatic universe

This environment offers more organic shapes and softer colors.

INTUITIVE SELECTION POINTER SIZE

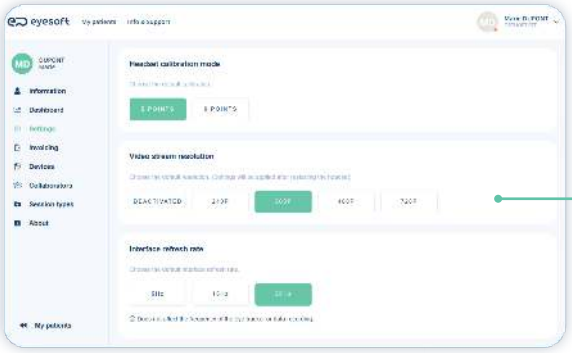
You can also set the default size of the intuitive selection pointer in the headset. This setting will be applied to all patients but you can change it for each session.



Go to your profile and click on the ⚙ **Settings** tab and select one of the 3 available cursor sizes.

IMPROVING INTERFACE FLUIDITY

Depending on the performance of your hardware and network configuration, the application may present fluidity issues.



You can access these optimization settings by clicking on your name (top right) then selecting **"My profile"**, then in ⚙ **Settings**

By adjusting the following two parameters, you can optimize:
- **network bandwidth requirement** via video stream resolution
- **browser memory requirement** via interface refresh rate

The interface offers degraded operating modes:

Video stream resolution (VR Preview): Disabled / 240P / 360P / 480P / 720P

- Disabled: Video disabled
- 240p -W 320x240 / 20Hz / 121 to 230 kbits/s
- 360p -W 480x360 / 20Hz / 273 to 518 kbits/s
- 480p -W 640x480 / 20Hz / 485 to 922 kbits/s
- 720p -W 960x720 / 20Hz / 1090 to 2074 kbits/s

Interface refresh rate: 5hz / 15hz / 30Hz
As indicated, this parameter does not affect the eye tracker frequency.

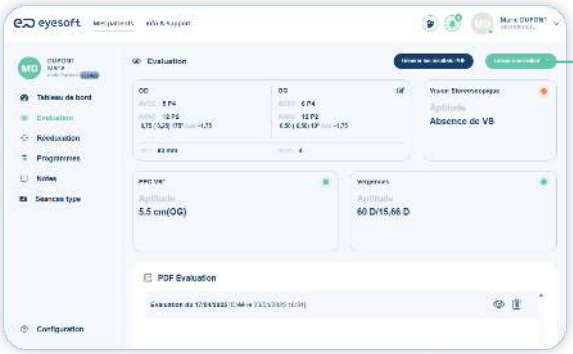
4.7. Session Management

To start a session, go to the relevant patient's profile then to the Evaluation or Rehabilitation tab.

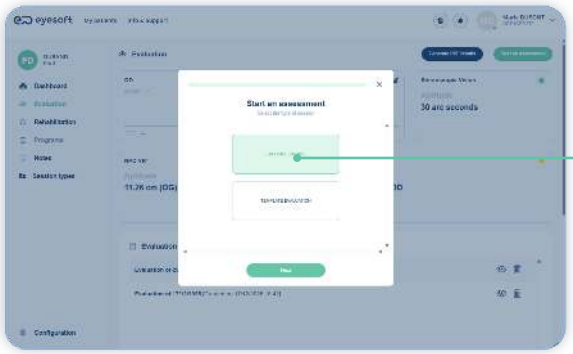
STARTING A SESSION

Evaluation

Click on **"Start an assessment"**

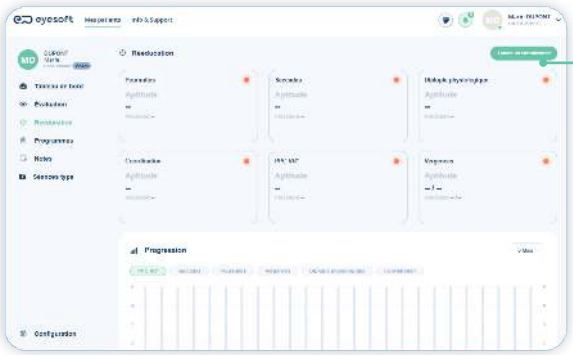


then choose **"Exercise choice"** or **"Predefined assessment"**.

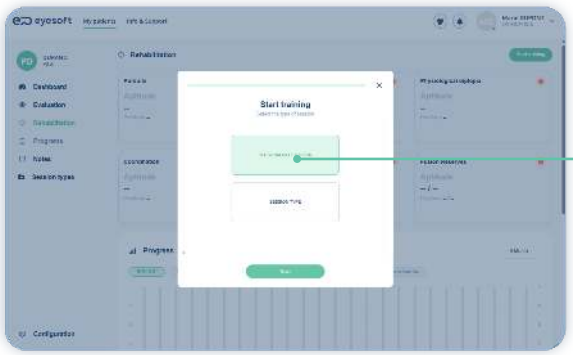


Rehabilitation

Click on **"Start rehabilitation"**



then choose **"Personalized session"** or **"Predefined rehabilitation"**.

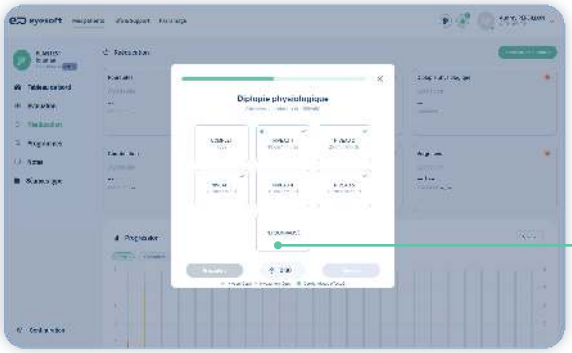


When choosing **"Exercise choice"** or **"Personalized session"**, the next page will invite you to select the desired exercises from the list.

> For more information on exercises and their instructions, see Evaluation module exercises and Rehabilitation module exercises.

Note that exercises will launch **in the order in which you selected them** (modifiable in the exercise summary and then during the session).

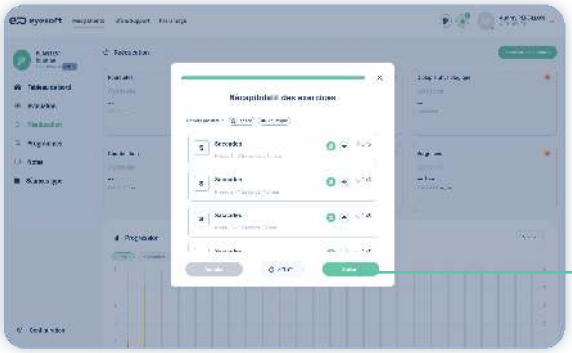
SELECTING LEVELS/REPETITIONS



Multiple **levels** of the same exercise can be selected, and/or multiple **repetitions** of the same level.

For vergences, you must first select "convergence", "divergence" or "personalized", then the exercise type (Fusion, Voluntary, or Stereo Fusion)

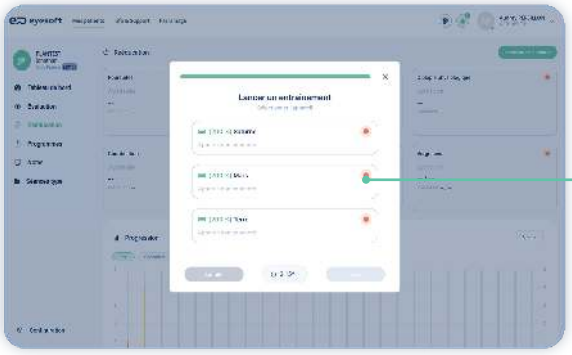
EXERCISE SUMMARY



Check your choices in the **summary**: you can **add, delete or modify exercises/levels, choose themes** and order exercises by dragging them.

Click **"Next"**.

DEVICES LIST



The device(s) appear(s) along with their availability and battery level, choose your headset then click **"Start"**.

HEADSET STATUS

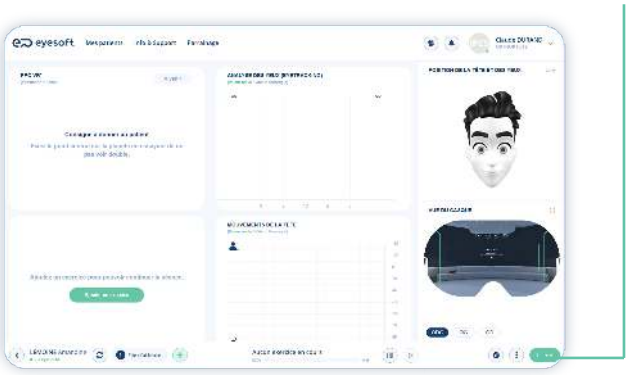
The headset status appears when starting the session (in the device selection tab), as well as at the top of the current exercise page, it can be:

- Device not connected (red) if asleep or off
- Calibration in progress (yellow)
- Device available (blue)
- Active connection when tests are launched (blue)

> You can select a headset even if it is not connected or in calibration, it will become available once positioning is validated by the patient. Make sure you have selected the correct device!

Once calibration is successful, ensure that the patient does not move the headset during the session, as this may disrupt tracking!

START THE SESSION

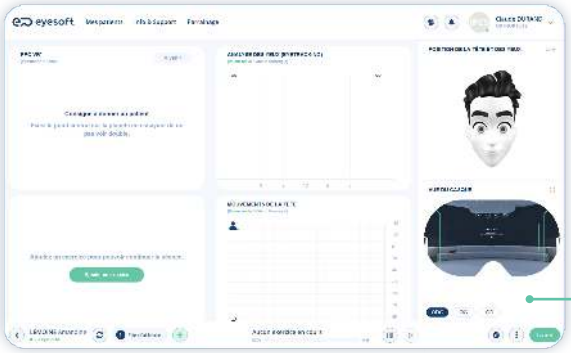


Once the connection is active, start the session by clicking **"Start"** at the bottom right.

Each exercise then starts in the selected order.

> You can start preparing your session before the headset is turned on / positioned on the patient's head.
> It's normal for patients to perceive the white dot as double (transitory) after a fusion or convergence exercise.

REAL-TIME MONITORING



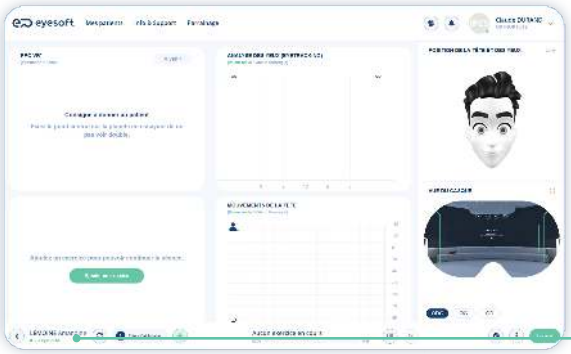
You can monitor and view the patient's eye and head movements in real time, both in the animation and the corresponding graphs. You can display both eyes or only the right eye (OD) or the left eye (OS).

For rehabilitation exercises, each exercise ends with the question "Did you complete the exercise successfully?". You can ask the patient to answer themselves using intuitive aiming, or you can click on the answer yourself. Once the answer is validated, the next exercise launches automatically.

Once the last exercise is completed and validated, your patient will be notified and redirected to the home area.

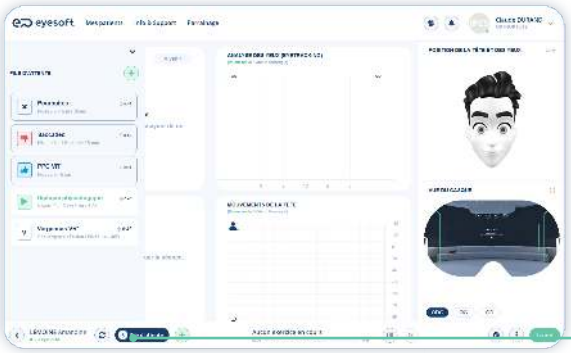
Do not power off the device until all data has been transmitted.

REFRESH / SEARCH DEVICE



If your headset does not appear active in your session management interface, you can refresh it by clicking the icon. If it still does not appear active, restart the headset and launch a new session.

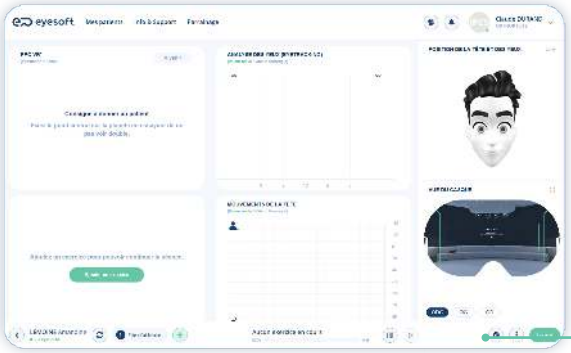
QUEUE



You can display the list of exercises chosen for the session, delete / add or modify the order of exercises. Depending on the exercise state, several icons may appear to the left of the exercise:

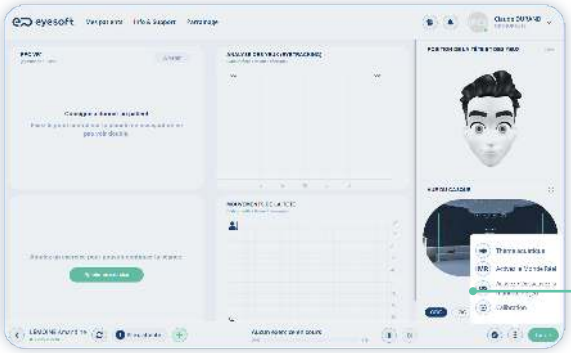
- **Green "play" triangle**: Exercise in progress
- **Cross**: Skipped/not performed exercise
- **Blue thumb**: Exercise performed and successful
- **Red thumb**: Exercise performed but failed
- **Letter**: Upcoming exercise (order modifiable)

HEADSET REALIGNMENT



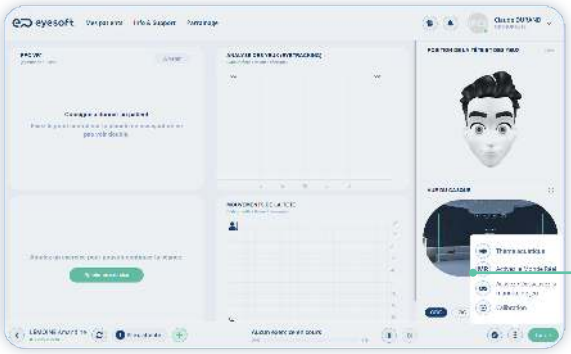
To avoid any drift in the VR environment, you can recenter the view directly from your interface during the session by clicking on the compass button.

CONTROLLERS



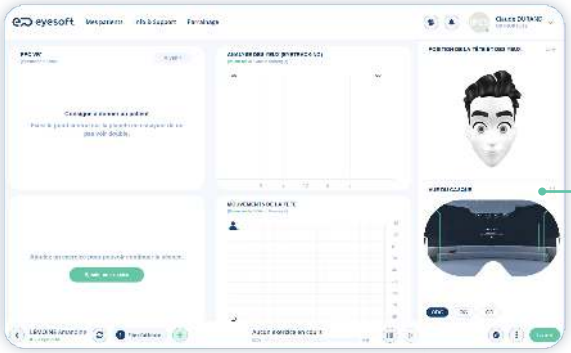
You can enable / disable the controller(s) directly from your interface during the session, by clicking the corresponding button.

MIXED REALITY



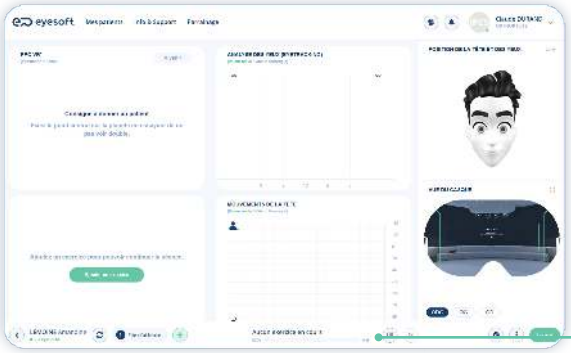
You can enable mixed reality vision through the headset cameras. This allows you, for example, to resume contact with your patient when giving them instructions.

VR ZOOM



You can modify the VR preview by clicking on the Headset view mode button.

PAUSE



You can pause the current exercise by clicking the "pause" icon. To continue the exercise, click "pause" again.

STOP SESSION

→ **Cancel**

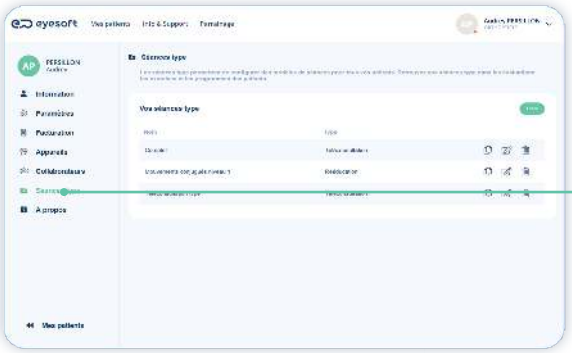
Returns to the current session.

→ **Finish**

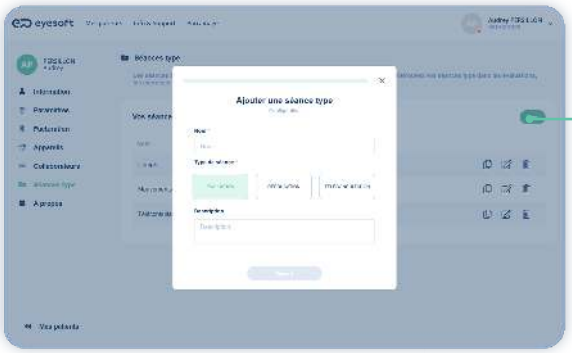
Cancels the entire current exercise series (the patient will be redirected to the welcome room).

4.8. Predefined Assessments / Trainings

CREATING PREDEFINED SESSIONS (ACCESSIBLE TO ALL PATIENTS)



Go to your profile (by clicking on your name at the top right in your interface), and select the **"Predefined sessions"** tab.



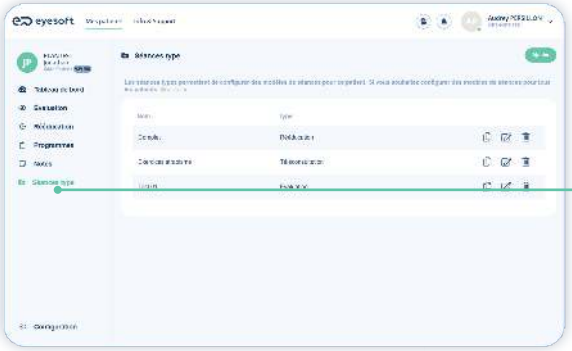
Click "Create", choose the name of your predefined session, then its destination (rehabilitation / evaluations / telecare).

You can also add a description if you wish.

Click "next", select the order and level of the desired exercises, then "Finish".

> Personalized modes are not accessible for telecare.

CREATING A PREDEFINED SESSION DEDICATED TO A SPECIFIC PATIENT



You can create predefined sessions dedicated to a patient. Note that they will only be accessible to the patient concerned.
To do this, go to the patient file, select **Predefined sessions** in the left tabs. The procedure is the same as previously described.

4.9. Evaluation (option)

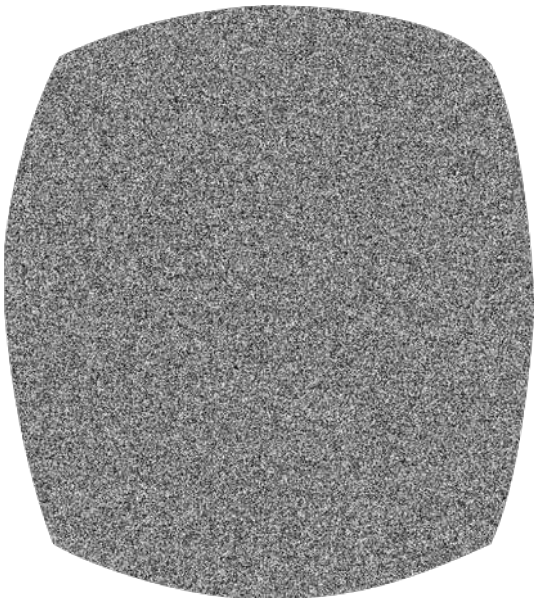
START AN EVALUATION

To start an evaluation, go to the relevant patient's profile then to the Evaluation tab.

Refer to the Starting a Session section.

EXERCISES AND INSTRUCTIONS

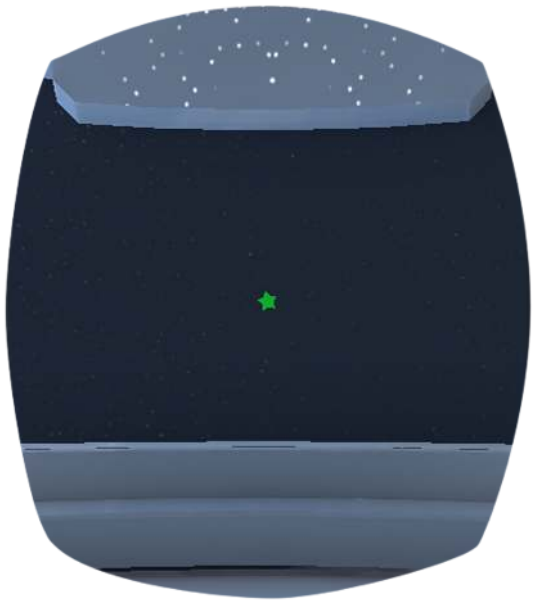
STEREOSCOPIC VISION



The patient must identify the 3D shape that appears in relief among the random points (circle, square or triangle).

The next levels are tested from easiest to hardest and correspond to degrees of depth perception in arc seconds: 1000, 500, 120, 60 and 30. The test ends when the patient has answered correctly at the highest level, or if they have given two consecutive wrong answers at the same level.

VR PHORIA TEST*



The patient must carefully look at and focus on the star throughout the entire test duration (30 seconds).

This is an alternate occlusion test, warn your patient that they will experience blurred vision alternately several times.

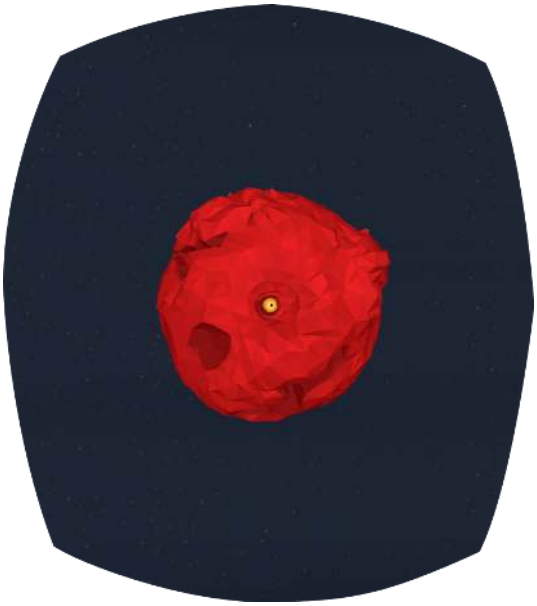
This test is performed once in farsighted simulation, and then in nearsighted simulation.

This exercise requires no action on your part, the result is analyzed automatically by eye tracking.

These results do not replace a near vision phoria measurement performed under real conditions. A virtual reality headset simulates near vision but does not engage the accommodation required under real conditions. The values obtained in diopters by EMAA are decompensated and therefore higher because they are dissociated from the accommodative reflex.

In near vision, reassure your patient if they see double transiently, it is normal that some subjects cannot restore/refuse the star due to their exophoria.

VR NPC*



The patient must carefully focus and follow the center of the planet until the end of the test, and make the effort not to see double.

This exercise requires effort, and your patient may see double.

This exercise requires no action on your part, the result is analyzed automatically by eye tracking.

As with the near vision phoria test, the results obtained differ from those performed under real conditions. A virtual reality headset simulates near vision but does not engage the accommodation required under real conditions. The fusional NPC values obtained in cm by EMAA are higher because dissociated from the accommodative reflex present during a real NPC.

VR VERGENCES*

The patient must focus on the image and try not to see double. They may have the impression that the image changes size, moves closer, trembles or becomes blurry.

This exercise requires no action on your part, the result is analyzed automatically by eye tracking.

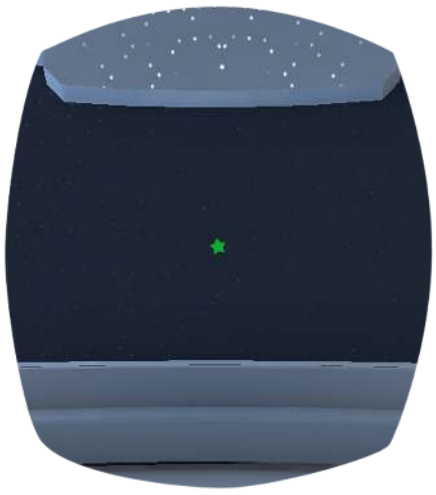
The values obtained in diopters differ from values obtained with the prism bar. With EMAA, vergences are simulated binocularly and therefore represent the sum of OD + OS.

Like the previous one, this exercise requires effort, and your patient may see double.

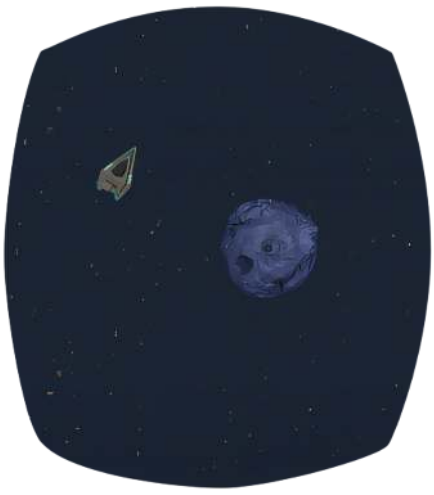
FIXATION / PURSUITS / SACCADES

The patient must follow and/or precisely fixate on the element as requested in the instruction (spaceship or center of the planet). During saccades, fixation must be alternated and the pace followed.

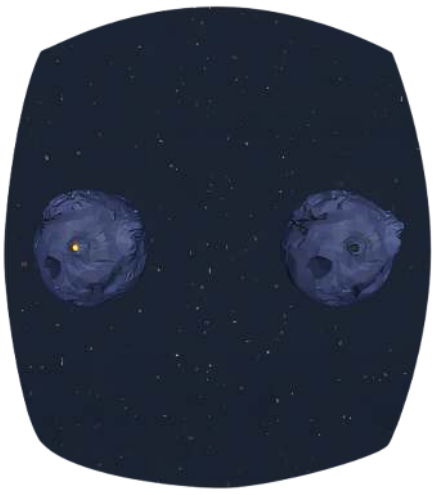
This exercise requires no action on your part, the result is analyzed automatically by eye tracking.



Fixation



Pursuits



Saccades

READING/IMAGE VISUALIZATION

The Visualization exercise allows viewing traces of eye movements during a visual reading or visual exploration task. Text variants are available in French, German, English and Spanish.

Reading : adult level

Instruction: Read the text that will appear.

From the interface, press **start** to display the text and begin recording, then **stop** to end it.

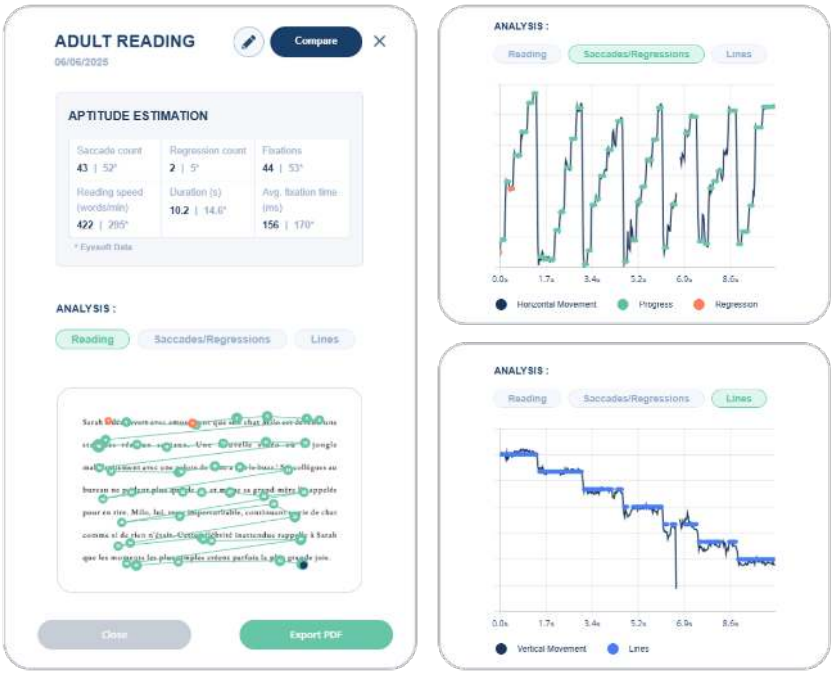
Reading : child level

Instruction: Read the text that will appear.

From the interface, press **start** to display the text and begin recording, then **stop** to end.

The traces of eye movements are superimposed on the image used for the task (text or images), **fixations** are represented by dots and **saccades** by lines.

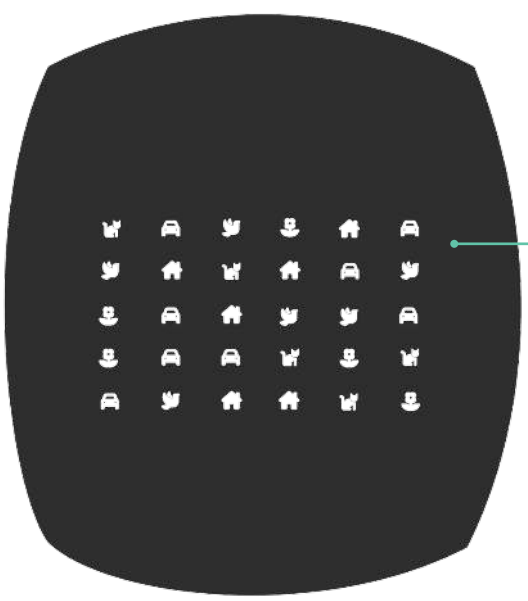
For the reading task, certain indicators are displayed: number of fixations, number of progression saccades, number of regression saccades, reading speed (in words per minute), reading duration (in seconds) and average fixation duration (in milliseconds).



By clicking the pencil button, you enter recording edit mode, where you can:

- click on circles to **correct a progression or regression**

- edit the segment to **adjust the start and end of the recording**.



Images

Instruction: You will see several images. Count the number of ...

From the interface, press **START** to display the images and begin recording, then **STOP** to end.

Scene

Instruction: You will see a scene, describe what you see.

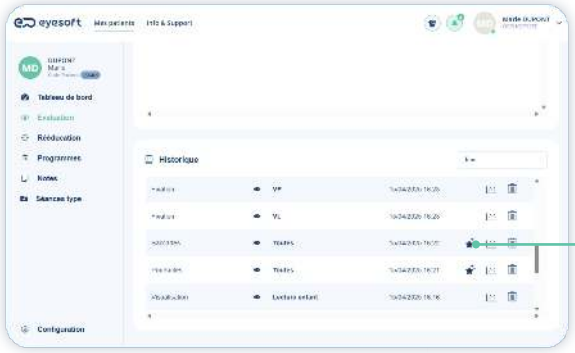
From the interface, press **START** to display the scene and begin recording, then **STOP** to end.

EXPERT MODE

A simple visualization of eye movements is available for all EMAA Evaluation exercises.

A more detailed visualization of eye movements is available for the following animations:

- VR NPC
- VR Vergences
- Pursuits
- Saccades
- Fixation



To access it, click on the stars ☆ next to the exercise to analyze.

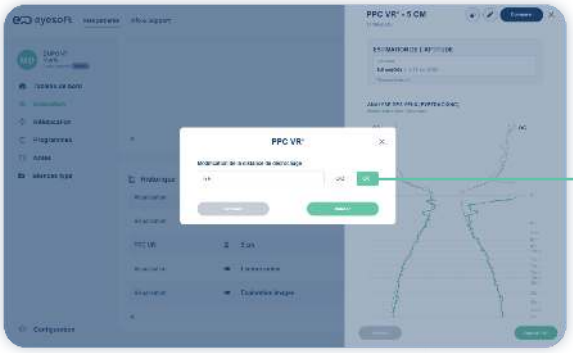
Expert mode allows visualization of eye tracking data on a graph with time on the x-axis and eccentricity on the y-axis (in degrees or prismatic diopters).

In expert mode, you can change the display of units (Degrees or Diopter) and the trace (Lines or points).

For saccades and smooth pursuits, you can choose to display data from the horizontal axis or the vertical axis.

EDIT RESULTS

Click on the pencil button in the exercise preview tab to edit its result.

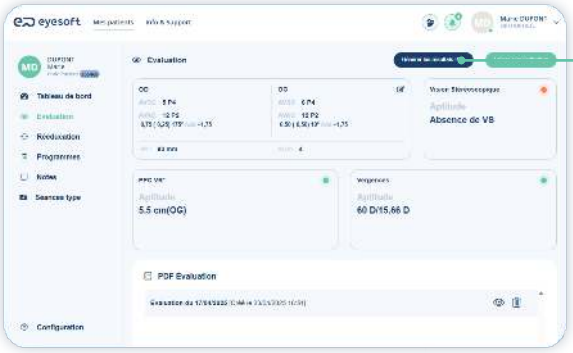


Enter the custom value then confirm.

The entered value will then be displayed in bold before the initial value labeled *Eyesoft Data.

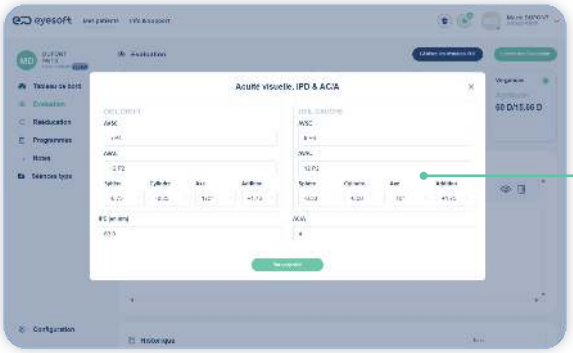
GENERATE PDF RESULTS

Once the tests are completed, you can view the results by clicking on "Generate PDF Results" in the Evaluation tab.



You can also view the history of edited PDF reports in the **"Evaluation"** section.

All results can be viewed by scrolling through the right section, you can write a few words to conclude (e.g., orthoptic assessment recommended) then click on **"Generate"** to create a printable PDF document to give to the patient.



On the patient's **Evaluation** page (or when generating a report), you can enter the patient's **visual acuity**.

4.10. Rehabilitation

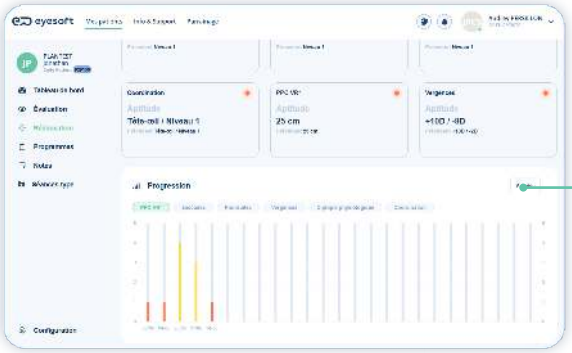
START A TRAINING SESSION

To begin a training session, go to the relevant patient profile then to the Rehabilitation tab.

Refer to the section Starting a Session.

PROGRESS

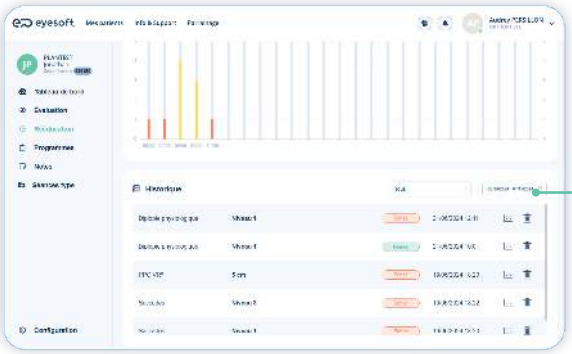
Accessible in the Rehabilitation tab, the Progress block lists successful exercises with their "custom fusion" scores. It allows you to track your patients' evolution and progress.



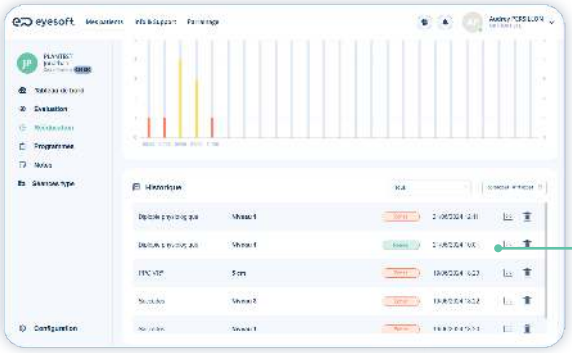
You can **display** the evolution for a given exercise over a period from 6 months to 2 years.

HISTORY AND EXPORTS (PDF)

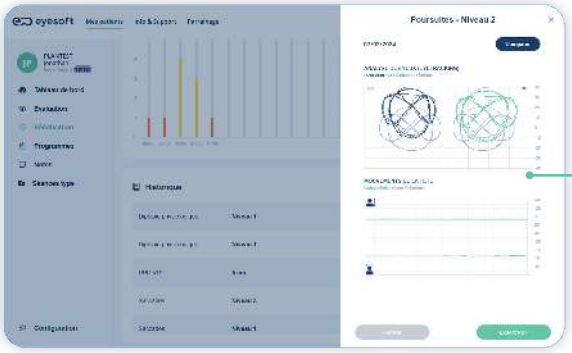
Accessible in the Rehabilitation and Evaluation tabs, the History block lists all sessions and exercises completed, with their success or failure.



You can filter the information you're interested in for a given exercise, or for a given period, for better visibility.



You have the option to **display** and **export** the datas of your patient's eye and head movements during the exercise by clicking on .



When viewing the datas of a completed exercise, you can click on **"Compare"** to display the plots of a second exercise completed by your patient.

Select the period and exercise from the desired history. Both exercises are displayed side by side (the most recent on the right). You can export the plots by clicking on **Export PDF Comparison** at the bottom right.

For exercises performed in custom mode, two export options are available:

- **Partial recording** to select, using the time interval slider, a 40-second portion of the completed exercise.
- **Full recording** to obtain all the recorded data from the completed exercise, divided* into 40-second portions.

*The plots may appear on multiple pages depending on the total duration of the exercise.

4.11. Exercises

Here are the instructions for each rehabilitation exercise and for each environment:

PURSUITS

"Follow the spaceship precisely with your eyes without moving your head"

"Follow the fish precisely without moving your head"

SACCADES

"Fix successively on the light point of each planet without moving your head"

"Fix successively on the light point of each turtle without moving your head"

NPC

"Fix on the central point on the planet trying not to see double"

"Fix on the central point on the turtle trying not to see double"

PHYSIOLOGICAL DIPLOPIA

"Fix on the planet, then on the spaceship following the rhythm. The illuminated element should be seen single, you should have the impression of "cross-eyed". It is normal for the dark element to be double."

"Fix on the turtle, then on the fish following the rhythm. The illuminated element should be seen single, you should have the impression of "cross-eyed". It is normal for the dark element to be double."

HEAD-EYE COORDINATION

"Search for and select each planet successively using the white point, aiming with your eyes AND head"

"Search for and select each jellyfish successively using the white point, aiming with your eyes AND head"

EYE-HAND COORDINATION

"Search for and select each planet successively using the controller, pressing the trigger"

"Search for and select each jellyfish successively using the controller, pressing the trigger"

In order to guide your patient when they cannot find the object, a yellow circle is positioned behind the object to look at.
This circle is only visible to the practitioner on the headset video feedback, which allows you to locate the object even when it is small (≤ 10cm).

FUSION CONVERGENCE / DIVERGENCE

"Fix and maintain the image in the center throughout the exercise."

VOLUNTARY CONVERGENCE

"Each eye sees a different image. You must make the voluntary effort to recenter them!"

STEREO FUSION CONVERGENCE

"Try not to see double. You may have the impression that the image changes size, position, or becomes blurry"

VOLUNTARY DIVERGENCE

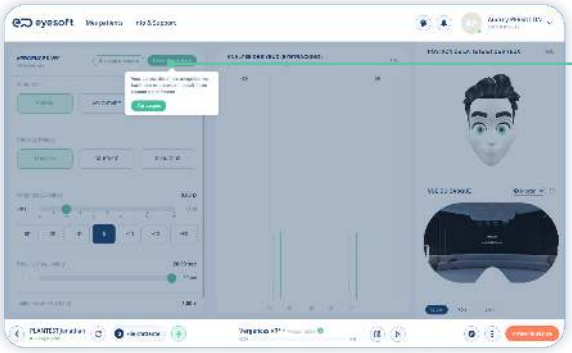
"Each eye sees a different image. Your eyes must be relaxed to recenter them!"

STEREO FUSION DIVERGENCE

"The image should not be seen double. Your eyes must be relaxed to maintain fusion"

CUSTOM MODE

Each exercise offers a custom mode variation. It allows you to perform the exercise by adjusting the size, distance or speed parameters according to your convenience.

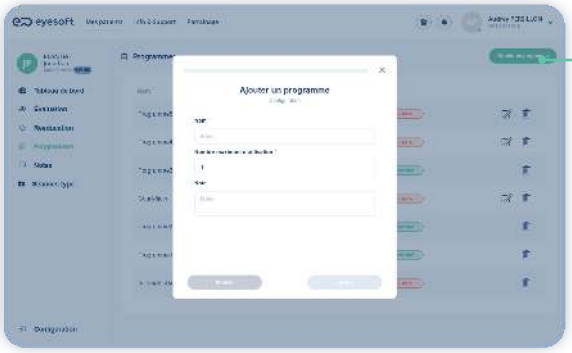


The plots of custom exercises can also be exported as a PDF report by clicking on the "Save plot" button located at the top right of the exercise control panel. **Note that saving the plot ends the current exercise.**

4.12. Scheduled Sessions / Telecare (EMAA Home)

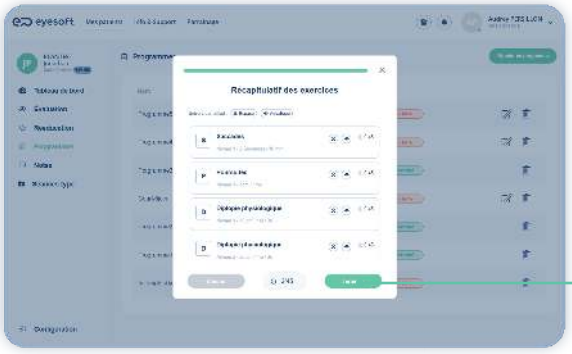
PROGRAM MANAGEMENT

To start a session, go to the relevant patient's profile then to the Programs tab.



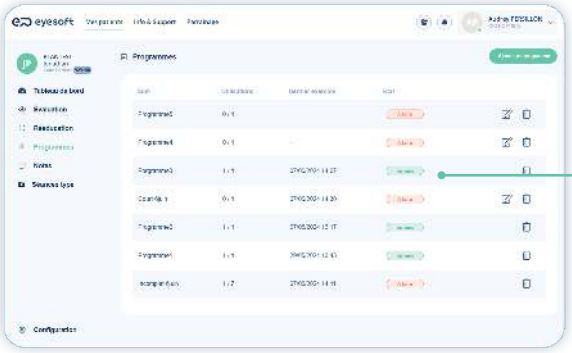
Click on **"Add a program"**.

Give the session a name, then a maximum number of authorized uses.



Choose exercises from the list. Then select the levels for each exercise, in the same way as an office session, then click on **"finish"**.

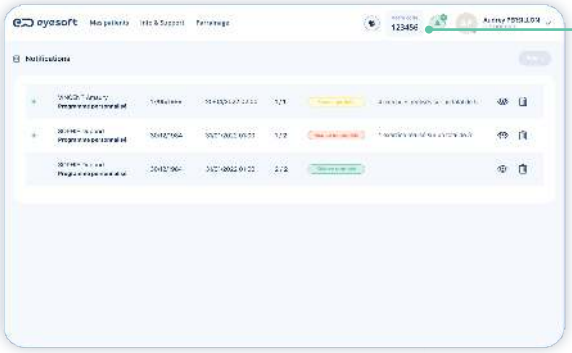
The number of programs that can be added is a maximum of 5 per patient. These are displayed in order of entry with the last one first in your interface. Within the headset the display is reversed with the first entered program displayed first.



Once the program is created, it appears in the program list. You can then view their status (**To do** or **Completed**), the completion date, or delete them

NOTIFICATIONS FOR COMPLETED PROGRAMS

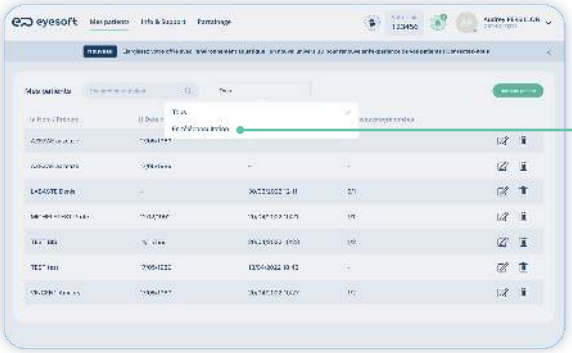
When a program is completed by one of your patients, you are notified in the "notification" tab of your interface's main page. These can be displayed according to 3 types:



- **Incomplete session:** the patient started a program and completed fewer than 3 exercises
- **Partial session:** the patient started a program, did not finish the entire program and completed 3 or more exercises
- **Completed session:** the program was fully completed by the patient

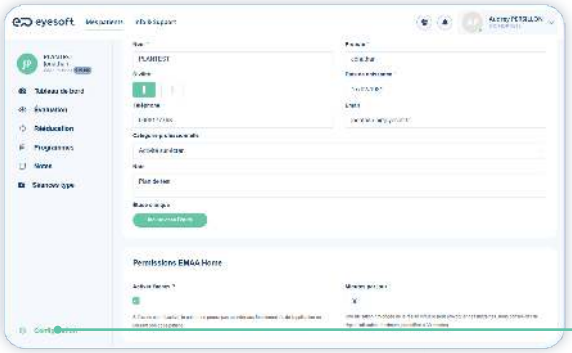
Results are integrated into the progress in the patient's history!

TELECARE FILTERING



In "My patients", you can filter patients in telecare.

DAILY USAGE LIMIT

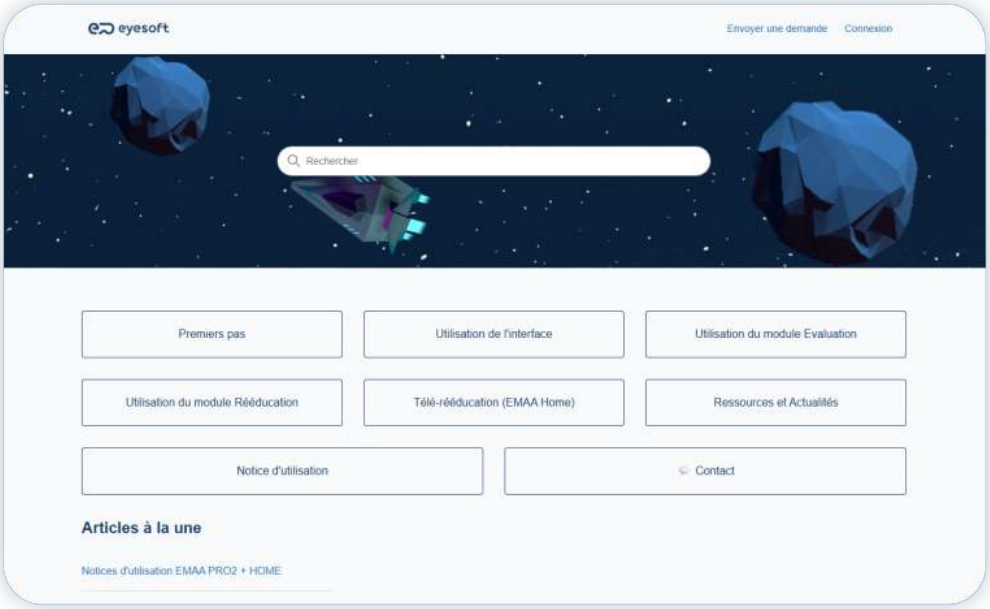


The usage time of headsets* during HOME rehabilitation programs is set by default to 30min. You can increase or decrease the usage limit for each patient.

*Prolonged use of virtual reality can cause headaches, we recommend setting the maximum daily use to 30 minutes.

4.13. Info & Support

In the Info & Support section, you will find many useful information grouped by theme for using your EMAA Pro 2 solution:



Help Center where you can contact us to inform us of any difficulties you encounter with your EMAA Pro 2 solution.

User Manuals and all the documentation for your EMAA Pro 2 solution, available for online consultation or in PDF format.

First step tips to help you get started and make the best use of the available features.

Resources and news to inform you of clinical studies, read about tips and the clinical benefits of Eyesoft in practice. Long-format videos of previous webinars offered by Eyesoft are available.

Updates to read summaries of the latest features integrated into each software update of your EMAA Pro 2 solution.

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33800 BORDEAUX