



Patient's instructions for use

EMAA HOME

EMAA Home User Guide

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

1. Important - Read Before Use

1.1. Before first use

Welcome to the user guide for your EMAA Home solution.

This manual has been designed for the latest available version of the software, exclusively for the PICO Neo 3 Pro Eye and G3 headsets.

Before starting to use the solution and the platform for the first time, please read the following information carefully:

- Keep the original packaging as well as the manufacturer's instructions so that you can refer to them for the headset's advanced features.
- Digital instructions are available online. You can access them via the [Eyesoft Support Portal](#).
- Paper-format instructions are available free of charge on request. To obtain them, use the contact form on the support portal. Delivery time: 7 calendar days.
- A (stable) Wi-Fi connection is essential to connect the headset (if this is not possible, you can use your mobile's connection via mobile hotspot sharing).
- Secure the immediate surroundings to avoid impacts and falls; a seated position is recommended for use.
- Be careful with your glasses when removing the headset.
- Please note that any damage resulting from improper use (breakage, damage, exposure of the lenses) will be your responsibility.
- Clean the leather before or after each use: use a gentle solution (alcohol-free disinfectant wipes) to limit premature wear.
- It is recommended to recharge the headset every two hours.
- 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 the event of a device malfunction, please contact Eyesoft.
- The device is intended solely for the patient to whom a usage code has been issued, and must not be used by any third party.



Never expose the lenses to direct sunlight!

2. Intended use and indications

EMAA Home is an extended reality software medical device intended for the analysis and rehabilitation of visual and oculomotor functions.

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

Prescribed and supervised by your orthoptist (or other vision health professional), its use is indicated for patients aged over 8 years (under adult supervision for minors). 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).

People with a history of vestibular or neurological disorders (convulsions, epilepsy, or other major neurological disorder) are particularly prone to the side effects described above.

If these symptoms appear, we recommend stopping the session. If these symptoms persist, consult your orthoptist.

3. Getting started



3.1. Positioning the headset

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

You can adjust the strap to your size (velcro band on each side). If you have a PICO G3, you can manually adjust the IPD (interpupillary distance). Three positions are available: 58 mm, 63.5 mm, 69 mm.



When removing the headset, pay close attention to the patient's glasses; ask them to hold them.

3.2. Powering on



Hold down the on/off button located on top of the headset for 5 seconds.



The same action is used to turn off the headset: hold the button down until you see the LED blink.

3.3. Headset LED indicator

On your headset, next to the On/Off button, there is an LED that lets you track the state of your headset (when not charging) or the battery level (when charging).

Headset not charging



Headset on
(solid blue)



Headset shutting down
(blinking blue)



Battery drained - below 5%
(blinking red)

Headset idle and charging



Battery full - between 98% and 100%
(green)



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



Battery low - below 20%
(red)



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

3.4. VR realignment

If you cannot see the menu in front of you inside the headset, it may be positioned behind you or to the side within the virtual reality environment.



You can simply realign it in front of you with a long press on the bottom button on the side of the headset.

3.5. Navigation and interaction inside the headset

You can validate tabs in VR in two different ways:

[Intuitive selection] | *ema_home_code_2.png*

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

This is the main selection method you will need to understand in order to use EMAA Home.



Or by aiming (pointing the white pointer at the tab) then clicking the main button on the right side of the headset.

This button will mainly be used for Wi-Fi configuration at the start.

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 (the headset's main button).

Select your network, enter the Wi-Fi key, confirm, then exit the menu by aiming at the window and pressing the (-) button (top button on the side of the headset).



To manage your Wi-Fi connections, you can find them by going to the "Settings" tab in the headset's home room.

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

3.7. Entering the patient code

Using intuitive selection, enter your 6-digit code (given to you by your orthoptist) then confirm by selecting "continue".

[Entering the practitioner code]

[Entering the practitioner code]

You then arrive at the headset positioning stage (a preliminary step before each use).

3.8. Controller configuration



For more information on using the controllers, watch [this video](#) on the Eyesoft help center.



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



In the headset, while in the home room, go to the settings tab (gear icon at the top) then select " Controller ".

Using the headset's intuitive selection, select the " Controller " tab on the left, and let yourself be guided through the headset to pair / unpair the controllers.

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

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

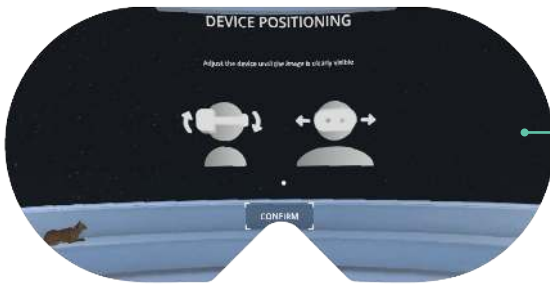
Hold the (-) button on the controller for 3 seconds to quickly activate / deactivate the controller.

Congratulations! You are now ready to use EMAA Home!

4. Headset use

4.1. Positioning the headset

This is a preliminary step before each use. It allows the headset to be positioned optimally.



Once the headset is on your head, you must align your head to correctly see the characters. **If part of the image is blurry**, the headset needs to be repositioned in front of your eyes.



Remember to align the menus so that you start the session with the menus facing you.



Please note that the photoreceptor will automatically detect if you remove the headset, and it will then return to the headset positioning step.

4.2. Headset features



- 1. Exit the session :** To exit the session, select the cross then confirm. The patient code will be requested to open a new session.
- 2. Change environment :** Select the rocket-shaped or fish-shaped tab to switch from one environment to another.
- 3. Access settings :** Select the gear-shaped tab to access settings (controller, Wi-Fi, or update).
- 4. Reposition / Recalibrate :** Select the tab on the right to return to " headset positioning ".

4.3. My sessions



After positioning the headset, select " My sessions ".



You have access to the sessions scheduled by your orthoptist.

Select the session, then let yourself be guided!



Stay focused, complete the entire session, and answer " YES " only if you have actually succeeded at the exercise in question; your results will be directly recorded with your orthoptist.

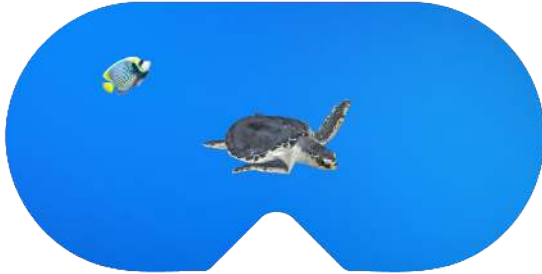


Available programs appear in the order in which they were entered by the orthoptist, from the first entered to the most recent.

EXERCISES AND INSTRUCTIONS

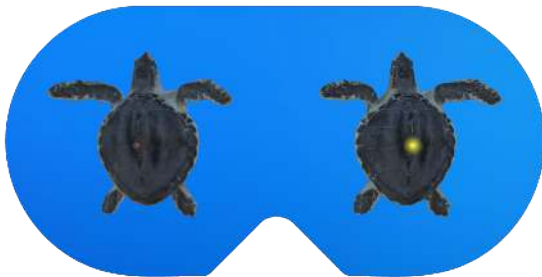
Here are the instructions for each rehabilitation exercise and for each environment:

Smooth pursuits



Instruction: " Follow the spaceship/fish precisely with your eyes without moving your head "

Saccades



Instruction: " Fixate successively on the lit dot of each planet/turtle without moving your head "

NPC



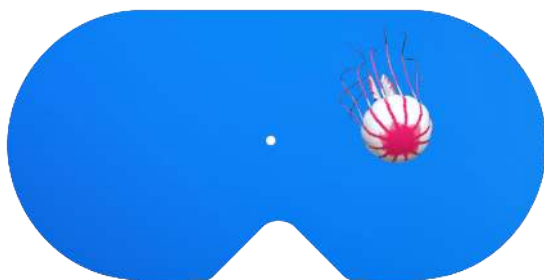
Instruction: " Fixate on the central point on the planet/turtle, trying not to see double "

Physiological diplopia



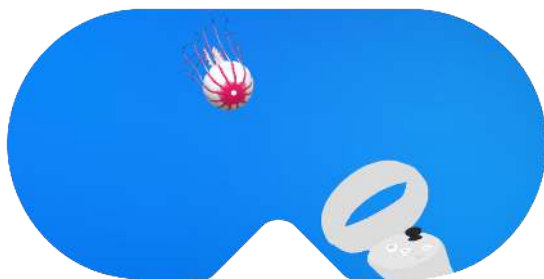
Instruction: " Fixate on the planet/turtle, then the spaceship/fish, following the rhythm. The lit element should be seen unique; you should feel like you are "cross-eyed". It is normal for the dark element to appear double. "

Head-eye coordination



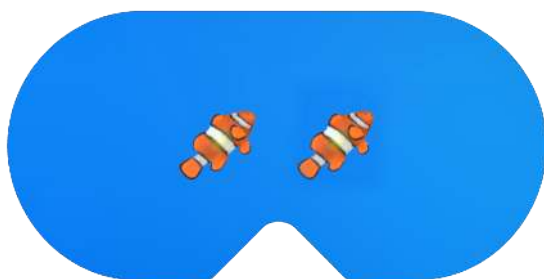
Instruction: " Find and successively select each planet/jellyfish using the white dot, aiming with your eyes AND your head "

Eye-hand coordination



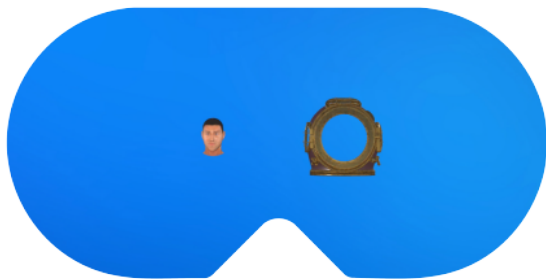
Instruction: " Find and successively select each planet/jellyfish using the controller, by pressing the trigger "

Convergence / divergence fusion



Instruction: " Fixate on and keep the image at the center throughout the exercise. "

Voluntary vergence



Instructions:

Voluntary convergence: " Each eye sees a different image. You must make a voluntary effort to bring them back together! "

Voluntary divergence: " Each eye sees a different image. Your eyes must relax to bring them back together! "

Stereoscopic fusion



Instructions:

Convergence stereo fusion: " Try not to see double. You may feel that the image is changing size, position, or becoming blurry. "

Divergence stereo fusion: " The image should not be seen double. Your eyes must relax to maintain fusion. "

4.4. End of session

After your session, you can turn off the headset (by holding down the start button for 5 seconds).

The blue LED will blink for a few moments before turning off completely.

