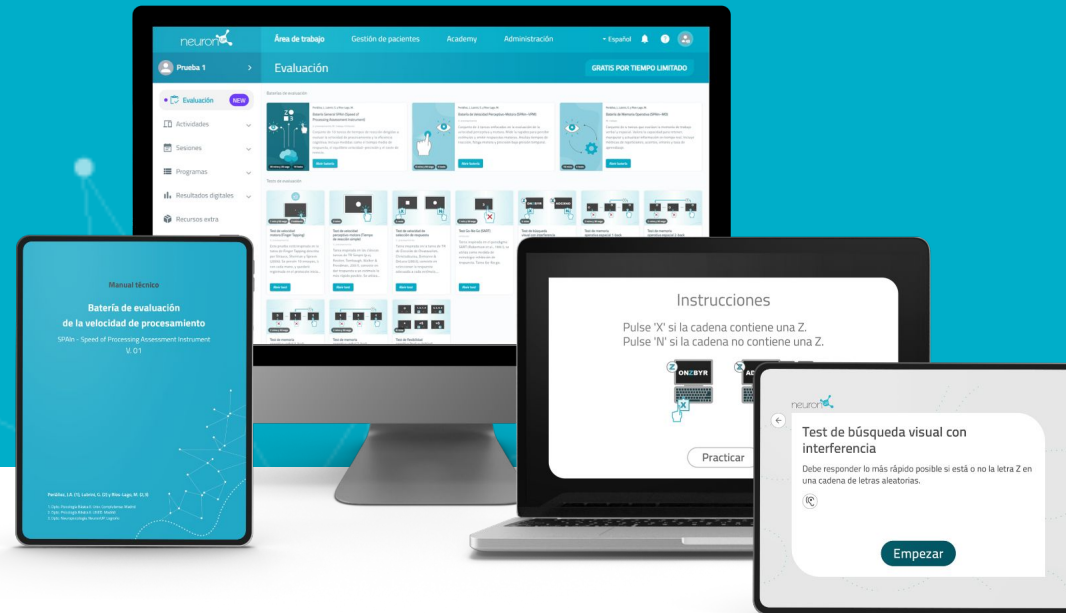




# User Manual

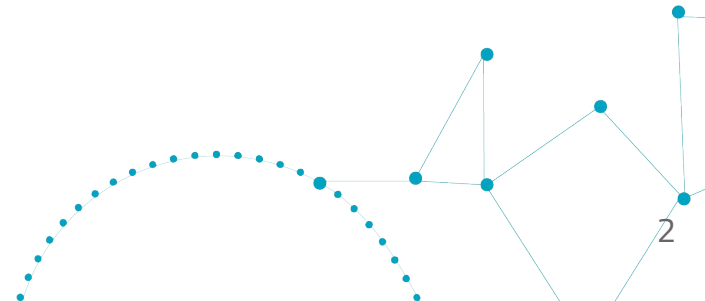
## NeuronUP Assessment



VERSION CONTROL			
Version	Date	Revision	Status
1.0	12.02.2026	Document created.	In effect

Before using this document, ensure that you are consulting its most up-to-date version.

Publication date: february 12, 2026.



# System Requirements

**Web browser:** : NeuronUP has validated its compatibility with up-to-date versions of the Google Chrome browser.

Other browsers, such as Mozilla Firefox, Edge, or Safari, may experience some kind of anomaly not detected during validation testing.

**Browser Configuration:** To ensure the platform functions correctly, the browser must have JavaScript enabled.

It is recommended to accept cookies and allow the use of local storage (localStorage), where user preferences and other session data will be stored.

The platform does not display ads; however, it needs to communicate with external services (error logging, usage metrics, etc.). Some ad blockers or tracker blockers may prevent these connections. If abnormal behavior is detected, we recommend allowing the NeuronUP domain in the blocker.

**Internet Connectivity:** For a smooth experience, a minimum speed of 10 Mbps download and 5 Mbps upload per user is recommended. If multiple users access simultaneously from the same workplace, these speeds should be increased according to the number of concurrent users.

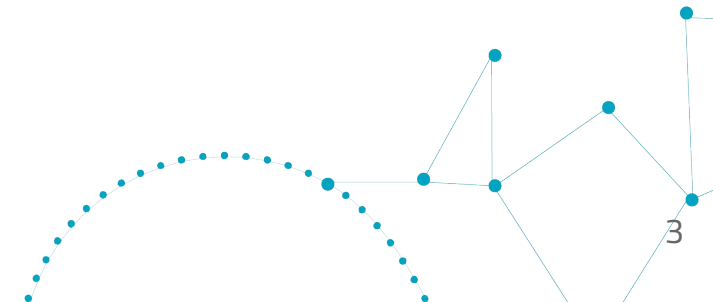
It is recommended to use a stable connection, preferably fiber optic or ADSL, to ensure service continuity and minimize interruptions.

There are activities with a high amount of additional content, such as games and digital worksheets that include images, audio, or videos. The waiting time until the activity fully loads may increase if the internet connection speed is slow or if your computer's hardware is not powerful enough.

**Device Type:** The platform is optimized for desktop computers, laptops, and tablets. It has also been validated on interactive displays up to 65 inches.

NeuronUP implements a responsive web design. Some features may require a dual-core processor or better and 4 GB of RAM or more for a smooth experience.

**Additional Software:** NeuronUP generates documents in PDF format, so it is recommended to install a dedicated PDF reader.





# Precautions

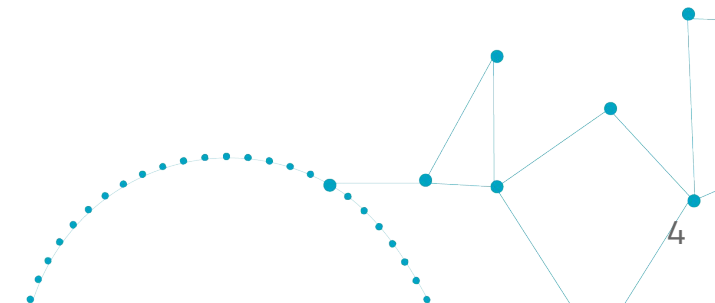
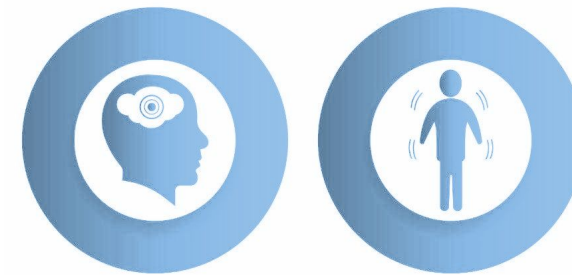
## Precautions

Patients with diagnosed or suspected photosensitive epilepsy may only use the software under the **supervision of professionals** or a responsible caregiver.

Some people are sensitive to intermittent or flashing lights or geometric patterns and may experience epileptic seizures.

If the patient **experiences discomfort**, visual disturbances, or seizures, they must **stop the training immediately** and consult a physician.

Assess whether the patient needs **to take breaks during sessions** to avoid mental fatigue.



# Contact Information

## Support and Assistance

Assistance with technical issues or questions about the operation of NeuronUP:

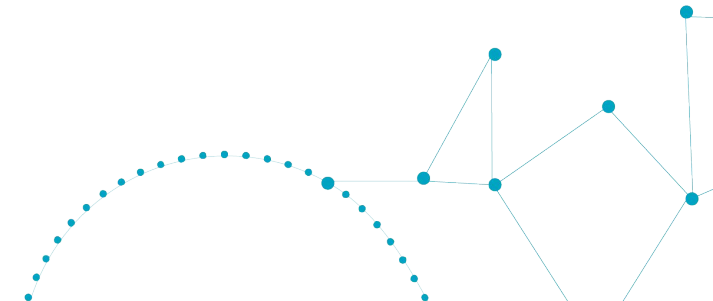
- **Phone:** +1 (305) 424-8333
- **WhatsApp:** +34 676 84 29 14
- **Email:** neuronup.us@neuronup.com

## Manufacturer Contact: NeuronUP SL

- **Address:** C. Piqueras 31, 5th Floor, 26006 Logroño, La Rioja, Spain
- **Phone:** +34 941 28 72 38
- **Email:** gestion@neuronup.com

## Data Protection Contact (DPO)

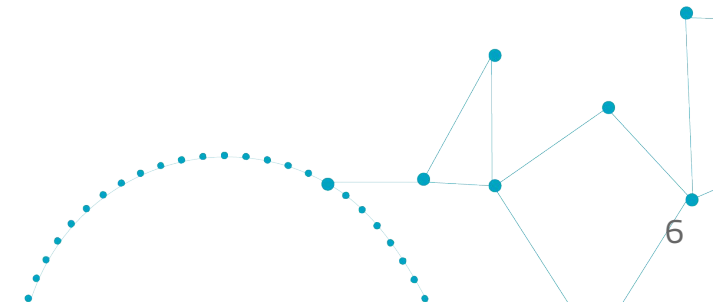
- **Phone:** +34 941 28 72 38
- **Email:** lopd@neuronup.com



# How to use NeuronUP Evaluation?

This manual provides information on the following topics:

1. The platform: how to access it, general information, modules
2. Creating and setting up a professional profile
3. Creating and using a lay user profile (for managing users/patients/students)
4. Assessment tests
5. Assessment batteries
6. Results obtained
7. Reports
8. Support resource



# 1. The Platform

• How to Access It, General Information, Modules

# How to Access NeuronUP

The login page features the NeuronUP logo at the top, followed by the word "Enter". Below this are two input fields: "Username/Email \*" and "Password \*". The "Username/Email \*" field is highlighted with an orange box and labeled "Email". The "Password \*" field is highlighted with an orange box and labeled "Password". Below the password field is a link "Have you forgotten your password?" highlighted with an orange box and labeled "Recover password". A blue "ENTER" button is positioned below the links. At the bottom of the form, there is a link "Are you still not working with NeuronUP? Free trial of NeuronUP". At the very bottom, there are links for "Privacy Policy", "Legal Disclaimer", "Cookies policy", and "Terms and Conditions". A footer note states: "When working on multiple computers, make sure to log out when you're done. This will protect your account and reduce issues caused by multiple connections."

To access NeuronUP, you must log in at <https://app.neuronup.com/>.

You will need the credentials you registered with, **email and password**.

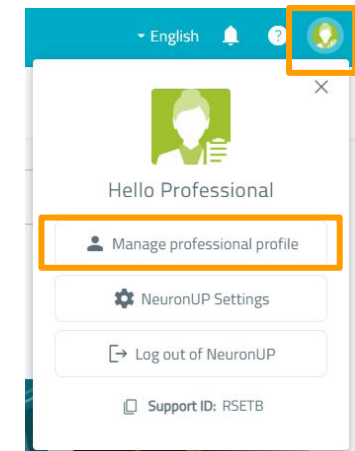
If you forget your password, you can recover it through the "Forgot your password?" link located above the "Log In" button.



It is essential **not to share your password to ensure the confidentiality** of both the professional and the users you work with.

If you suspect that someone else has gained access to your password, you can change it from your professional profile.

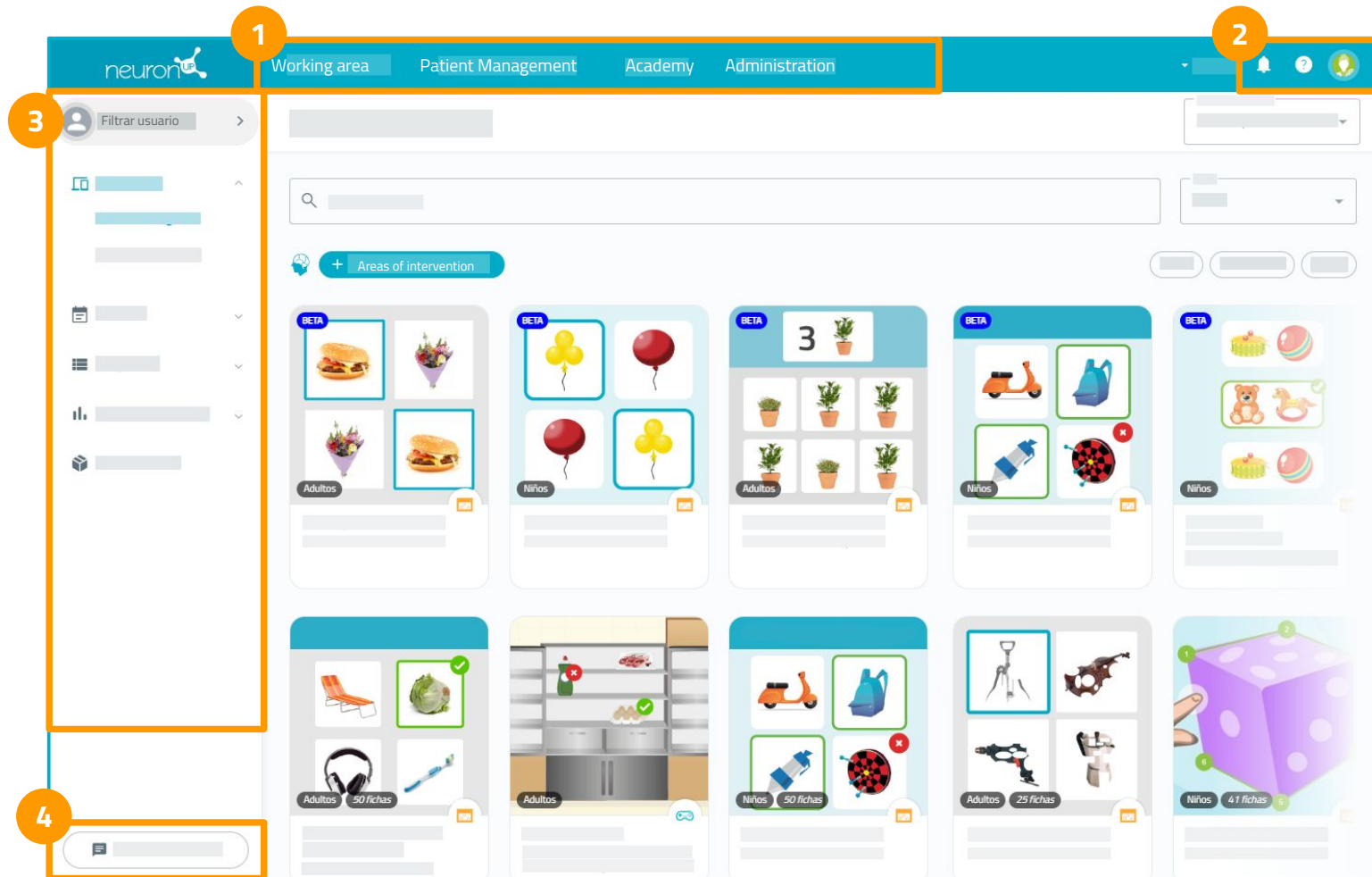
To do this, go to "Manage Professional Profile" by clicking on your profile picture.





# NeuronUP Rehab

## GENERAL INFORMATION



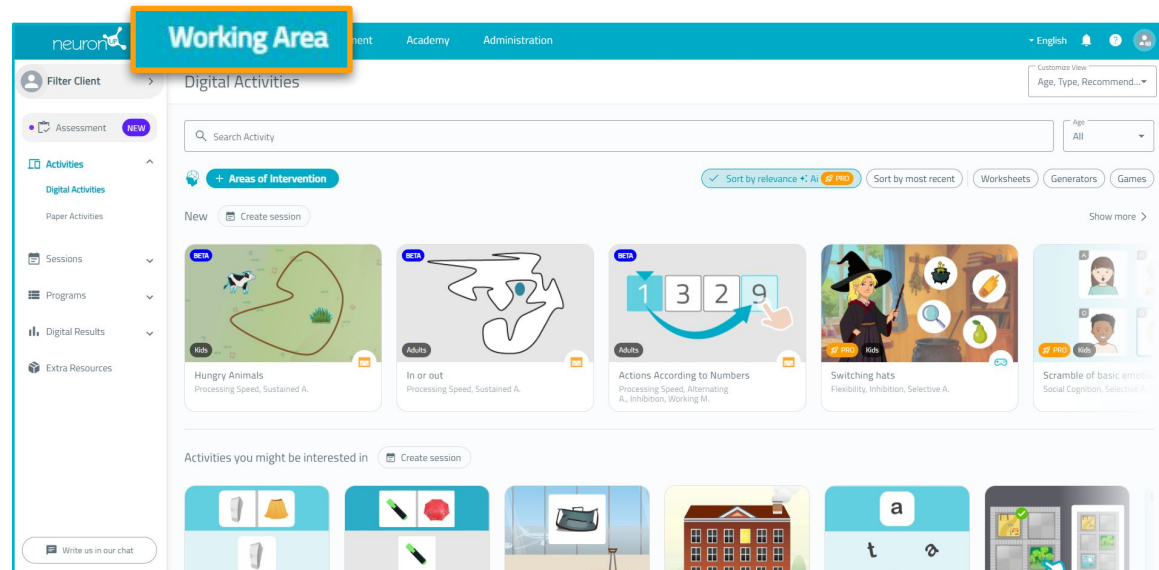
The screen and the side menu display different sections, areas, or options depending on the module selected.

1. Platform Modules
2. Notifications, frequently asked questions, direct access to the professional profile, and **NeuronUP settings**.
3. Side Menu
4. Chat with support

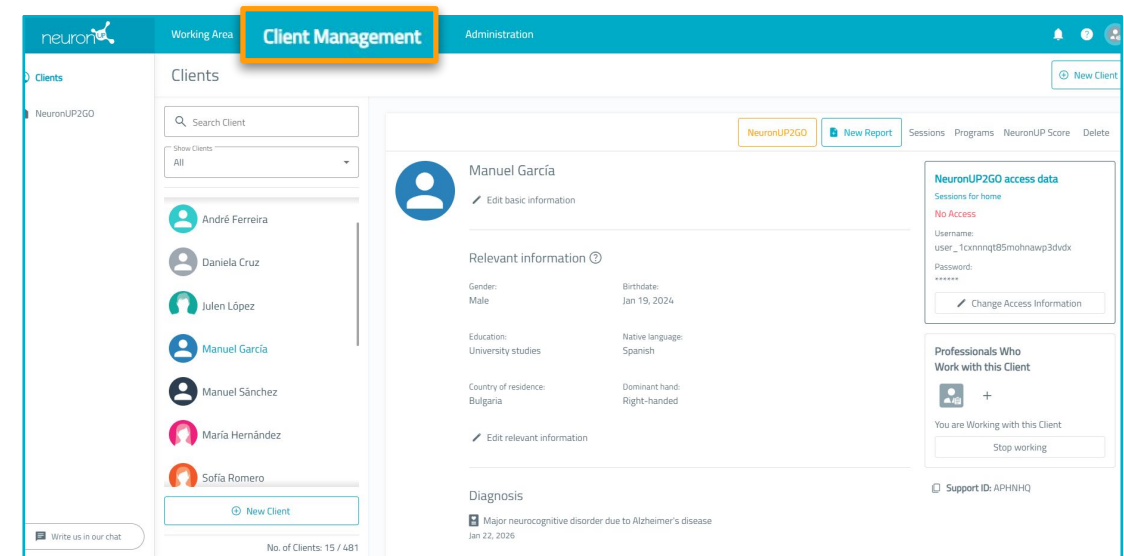
The following pages describe in detail the different modules available in NeuronUP Rehab.

# NeuronUP Rehab

## PLATFORM MODULES



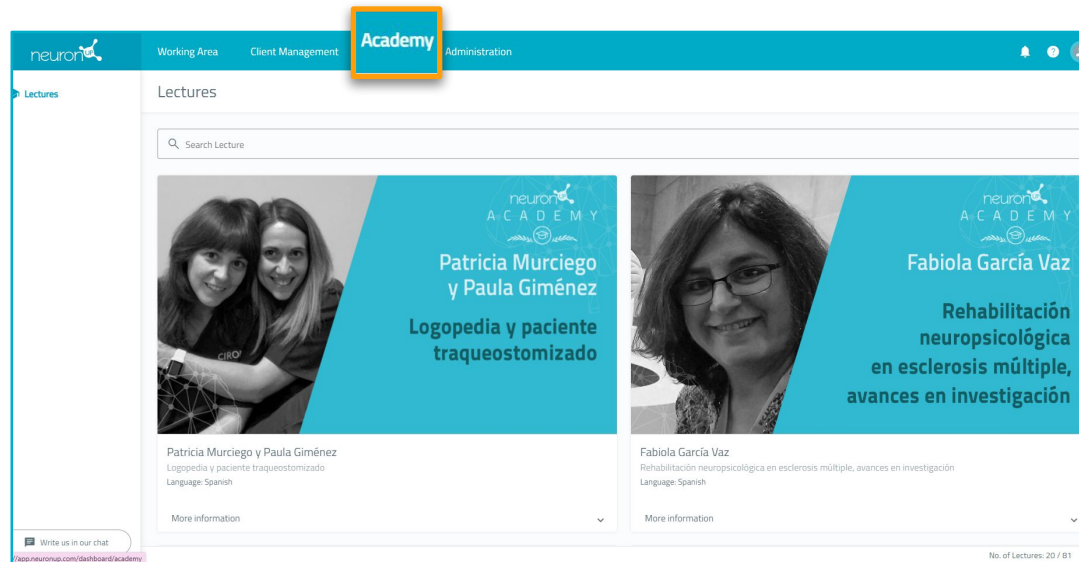
**Working Area:** The main module of NeuronUP Rehab, where the available activities for intervention are displayed.



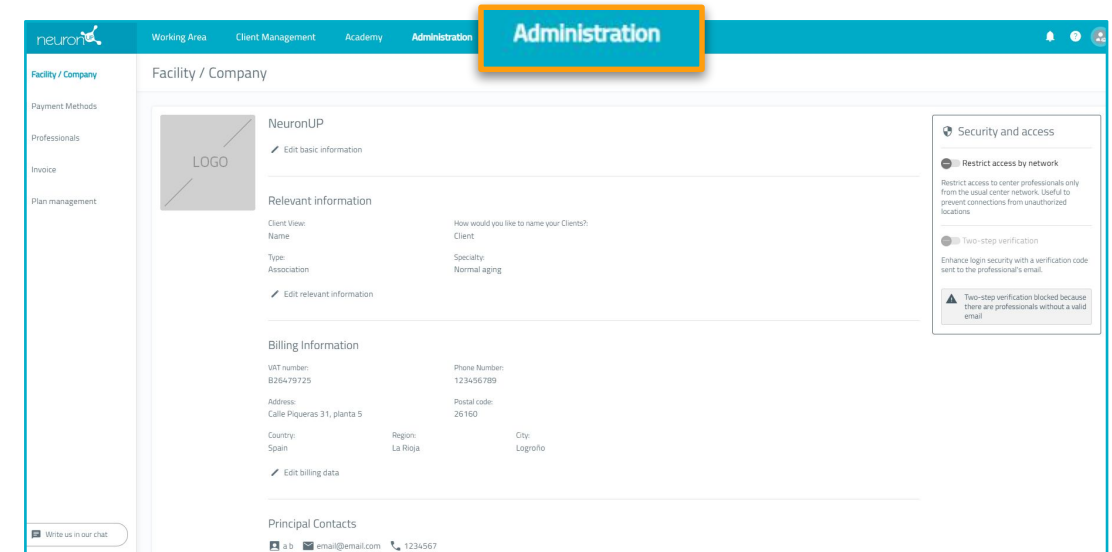
**Patient Management:** The module where the users or patients registered under the professional's profile are shown, as well as those shared with other colleagues.

# NeuronUP Rehab

## PLATFORM MODULES



**Academy:** Module containing training videos delivered by experts, with the goal of keeping professionals continuously up to date.



**Administration:** Module available only to professionals with an administrator role or profile.

It displays the center's information, payment methods associated with the account, the list of professionals in the center, NeuronUP invoices, and management of the current plan.

For more information, see the *Administration* section of the manual.

# Módulo: Área de trabajo



# NeuronUP Workspace

## 1. GENERAL OVERVIEW

The screenshot displays the NeuronUP Workspace interface. The top navigation bar includes 'Working Area' (1), 'Client Management', 'Academy', and 'Administration'. A user profile 'Manuel García' is shown on the left (5). The main content area is titled 'Assessment' and features three assessment batteries: 'SPAIIn (Speed of Processing Assessment Instrument)', 'Perceptual-Motor Speed Battery (SPAIIn-PMS)', and 'Working Memory Battery (SPAIIn-WM)'. Each battery card includes an icon, a brief description, and an 'Open battery' button. Below this, the 'Assessment tests' section displays five individual tests: 'Brief Test of Auditory Attention', 'Color Trails Test', 'Continuous Performance Test (CPT)', 'Stroop Test', and 'Stop Signal Task'. Each test card shows a diagram, duration, and an 'Open test' button. A side menu on the left (6) lists 'Assessment' (NEW), 'Activities', 'Sessions', 'Programs', and 'Digital Results'. At the bottom left, there is a chat icon and the text 'Write us in our chat' (7). A language dropdown menu in the top right corner is set to 'English' (2).

### “Workspace” module

In the Workspace, the following elements are displayed:

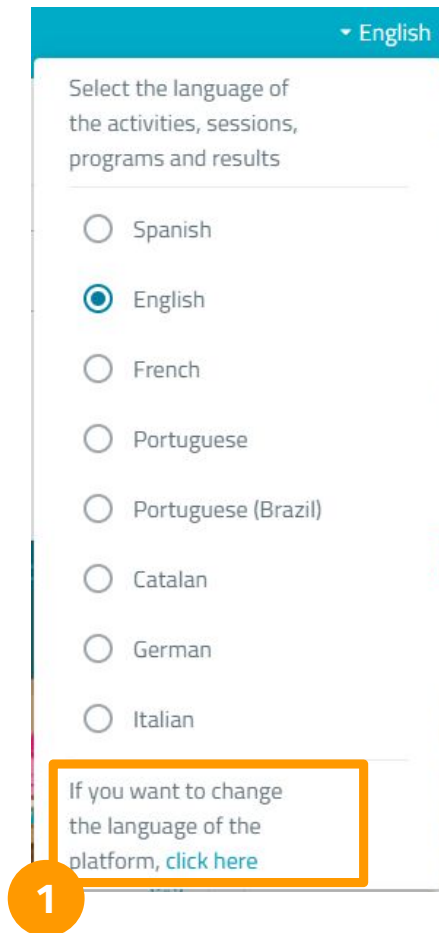
1. Test language
2. Assessment batteries
3. Assessment tests

### Side menu:

4. Filter by user
5. Assessment, activities, sessions, programs, digital results, and extra resources
6. Chat with support

# NeuronUP Working Area

## 2. ACTIVITY LANGUAGE, NOTIFICATIONS, FREQUENTLY ASKED QUESTIONS, AND PROFESSIONAL PROFILE



From this dropdown menu, you can change the **language of NeuronUP activities**.

To change the **language of the entire platform**, click the link at the bottom (1) and select the language in which you want to view the full platform.

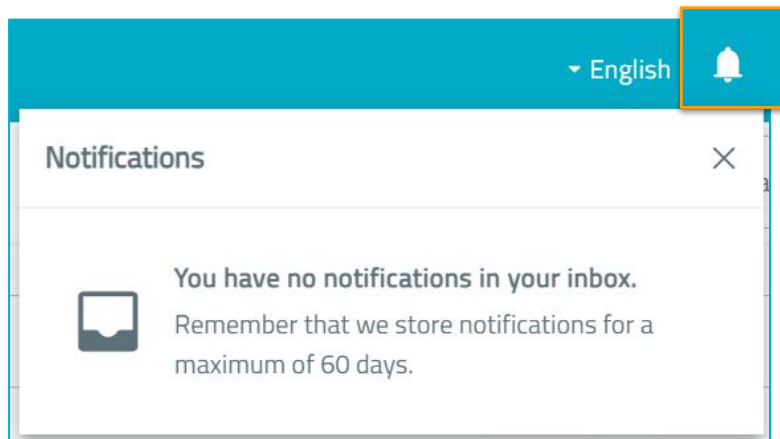
The language of the content can only be changed from this tab.

You can change the NeuronUP language:

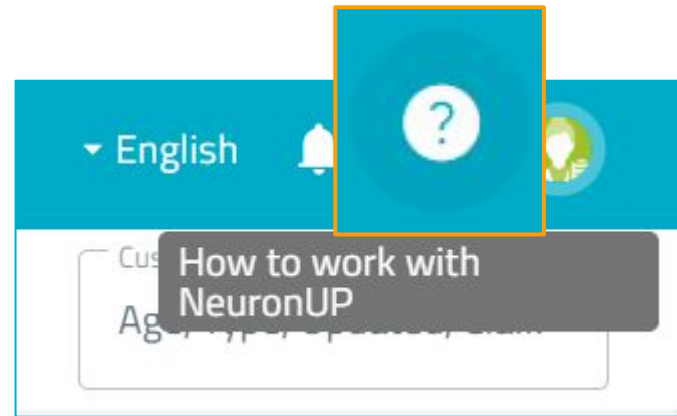
- from link (1),
- from NeuronUP settings,
- and through the professional profile, which will be explained in the following sections.

# NeuronUP Working Area

## 2. ACTIVITY LANGUAGE, NOTIFICATIONS, FREQUENTLY ASKED QUESTIONS, AND PROFESSIONAL PROFILE



In the notifications section, you can receive alerts from your users and from the platform itself.

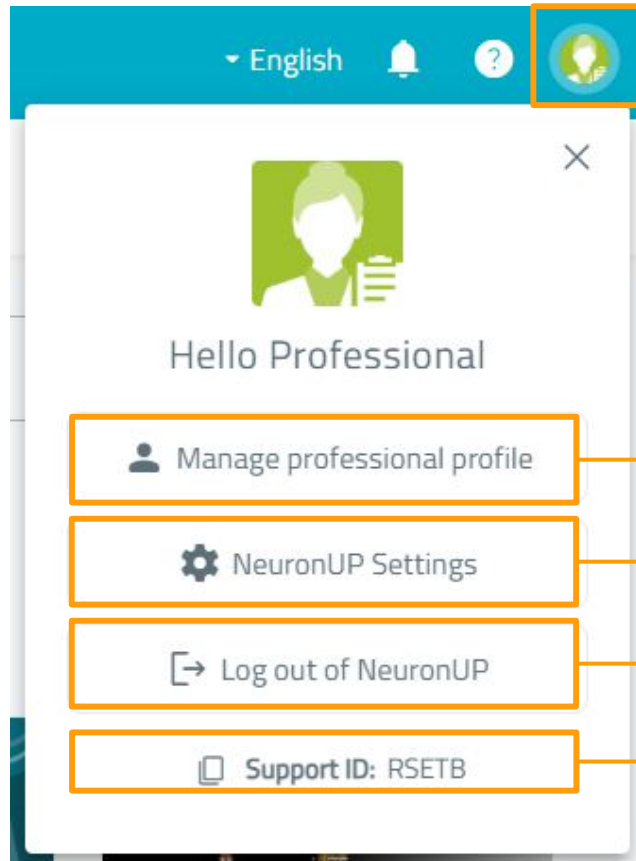


When you click the “How to Work with NeuronUP” icon, the Help Center opens <https://neuronup.us/help-center/> where you will find explanatory videos and the user manual.



# NeuronUP Working Area

## 2. ACTIVITY LANGUAGE, NOTIFICATIONS, FREQUENTLY ASKED QUESTIONS, AND PROFESSIONAL PROFILE



Managing the professional profile allows you to:

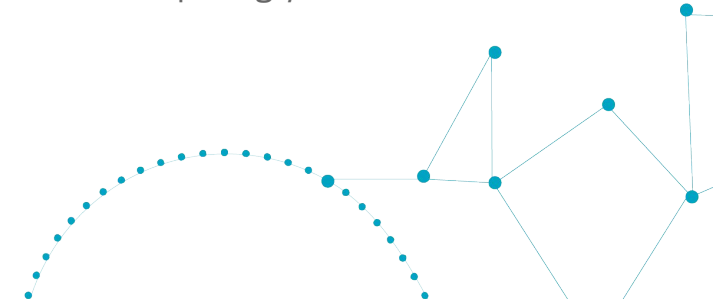
- **change your password,**
- add **basic profile information** such as your name,
- add **relevant information**, for example your specialty,
- and add or remove the **users you work with.**

In the settings, you can change the **platform language**, switch the **theme** to light, dark, or high-contrast mode, and access **NeuronUP's legal information.**

It is very important that you **log out** every time you finish your work to avoid putting the security of your data and your users' data at risk.

The **support identifier** helps us identify you without requiring you to provide sensitive information

More details can be found in the pages on  
Creating and Configuring a Professional Profile.





# NeuronUP Working Area

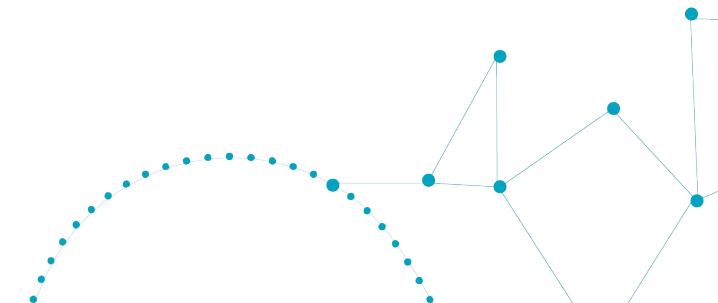
## 3. USER FILTER

The screenshot displays the NeuronUP interface. On the left, a sidebar contains a 'Filter Patient' button (highlighted with an orange box) and a list of activities: Digital Activities, Paper Activities, Sessions, Programs, Digital Results, and Extra Resources. The main area is titled 'Working Area' and 'Patient Management'. It features a 'FILTER PATIENT' section with a search bar, a dropdown for 'NeuronUP2GO Access' set to 'All', and a list of patients: Patient 01, Patient 02, Chris Taylor, and Diane Thompson. A '+ New Patient' button is at the bottom of the list. The bottom right corner shows 'No. of Patients: 14 / 14'. In the background, another window shows the 'Administration' tab with a 'Customize View' dropdown and buttons for 'Worksheets', 'Generators', and 'Games'.

It is important to **filter by user** and select the corresponding profile so that the results of each intervention are recorded correctly and user activity can be properly tracked.

In this way, the **user's progress** is reflected in the graphs of their **NeuronUP Score**, allowing you to better adjust interventions to their needs.

To filter by user, make sure you have **created their profile** (see the pages on "Creating and Using a Lay-User Profile").



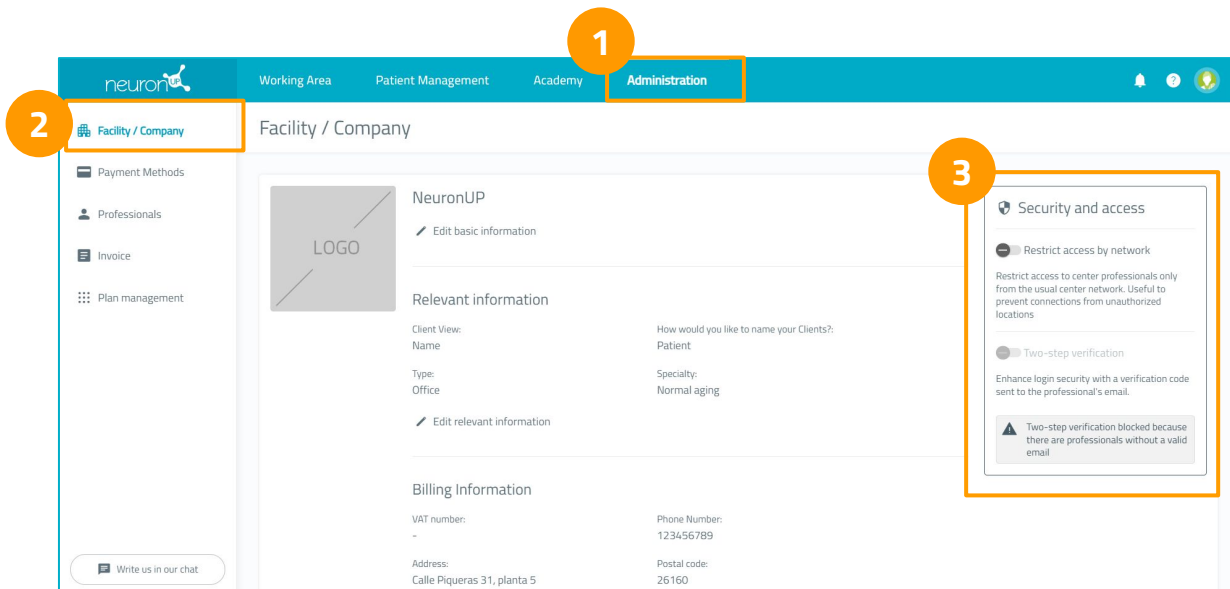
# Module: Administration



# Administration Module

## 1. FACILITY / COMPANY

The Administration module (1) is available only to **professionals with an administrator profile**.



In the Facility/Company section (2), you will find all information related to the company. This includes:

- **relevant information,**
- **billing details,**
- **and responsible personnel.**

This information can be modified at any time.



You can **strengthen access security** to NeuronUP by restricting access to a specific IP address and enabling two-step verification for your professionals (3).

To activate **two-step verification**, all **professional profiles must have a valid email address** that can be used to identify them when accessing NeuronUP.

# Administration Module

## 1. FACILITY / COMPANY

The screenshot shows the NeuronUP Administration Module interface. The 'Administration' tab is selected in the top navigation bar. The 'Facility / Company' section is active, displaying a 'NeuronUP' profile with a 'LOGO' placeholder. The 'Relevant information' section is highlighted with a red box. Below it, the 'Edit relevant information' dialog box is open, showing the following fields:

- Client View:** Name (highlighted with a red box and a red circle with the number 1)
- How would you like to name your Clients?:** Patient (highlighted with a red box and a red circle with the number 2)
- Type:** Office
- Specialty:** Normal aging

The 'Save' button is located at the bottom of the dialog box.

In NeuronUP Rehab, you can choose how to label the profiles of the individuals you work with (2):

- **clients,**
- **patients,**
- **or students.**

In this manual, we refer to these profiles as **patients**.

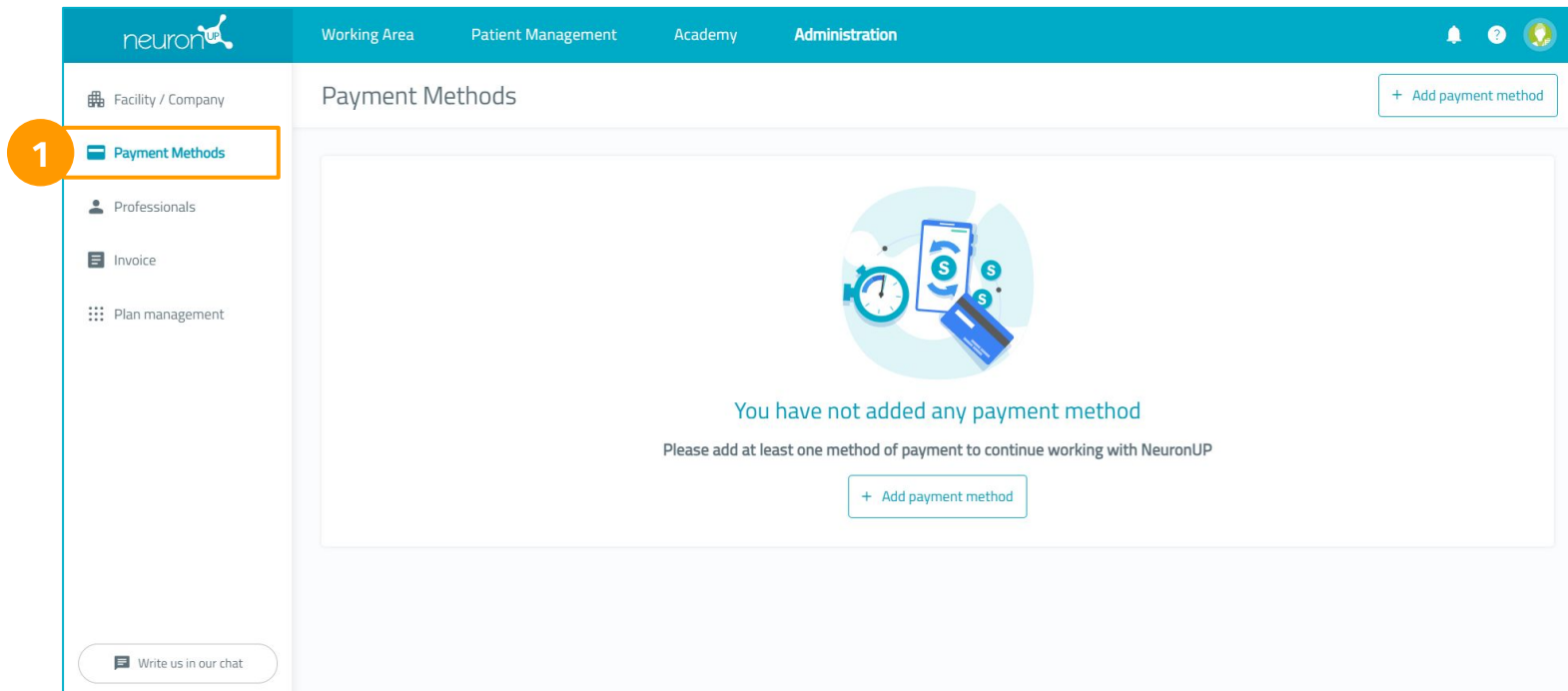


You can identify your patients (1) by:

- personal data, such as **first and last name**,
- keeping them anonymized using a **code** (2).

# Administration Module

## 2. PAYMENT METHODS



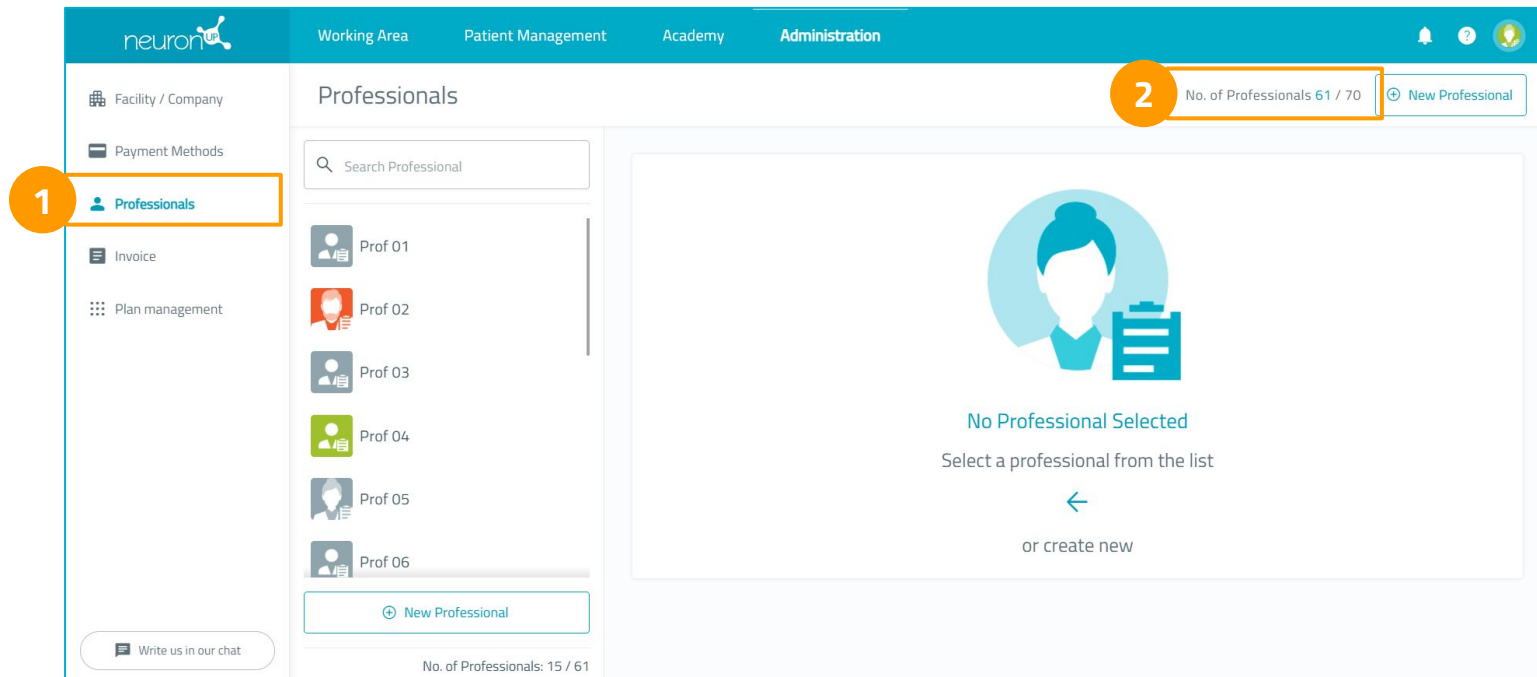
To make automatic payments, you can add the payment method that best suits your needs in this section (1).

In NeuronUP, you can make automatic payments using a credit/debit card, PayPal, or SEPA Direct Debit.

You can modify or delete the payment method at any time.

# Administration Module

## 3. PROFESSIONALS



In the Professionals section (1), you can **create and view the profiles of the professionals** who work in the facility.

Creating independent profiles allows each professional to have their **own separate and personalized workspace**.

Depending on the plan you have subscribed to, there may be a **limit on the number of professional profiles**. You can see the available and/or occupied seats in indicator (2).

Learn how to manage professional profiles later in *"Creating and Configuring a Professional Profile"*.

# Administration Module

## 4. INVOICES

The screenshot displays the NeuronUP Administration Module interface. The top navigation bar includes 'Working Area', 'Patient Management', 'Academy', and 'Administration'. The left sidebar contains navigation options: 'Facility / Company', 'Payment Methods', 'Professionals', 'Invoice' (highlighted with a red box and the number 1), and 'Plan management'. The main content area is titled 'Invoice' and features two tabs: 'Invoice' (highlighted with a red box and the number 2) and 'NeuronUP2GO Months Assigned' (highlighted with a red box and the number 3). Below the tabs is a search bar labeled 'Search Invoice' and two date filters: 'Start Date' (05/01/2025) and 'End Date' (11/30/2025). A table displays the following data:

Date	Professional	Patient	Months
Nov 13, 2025, 10:39:30 AM	anonymous	anonymous	1
Nov 7, 2025, 12:19:01 PM	anonymous	anonymous	1
Nov 6, 2025, 1:41:40 PM	anonymous	anonymous	1
Nov 5, 2025, 10:12:13 AM	anonymous	anonymous	1
Oct 28, 2025, 1:18:40 PM	anonymous	anonymous	1

At the bottom right, it shows 'No. of Assignments: 15 / 24' with an upward arrow icon. A chat bubble at the bottom left says 'Write us in our chat'.

In the **Invoices** section (1), you can view and filter the invoices issued by NeuronUP (2).

In the **Assigned NeuronUP2GO Months** tab (3), you can see all the access periods that professionals have assigned to their clients so they can carry out their interventions from home.

# Administration Module

## 5. PLAN MANAGEMENT

The screenshot shows the NeuronUP Administration Module interface. The top navigation bar includes 'Working Area', 'Patient Management', 'Academy', and 'Administration'. The left sidebar lists 'Facility / Company', 'Payment Methods', 'Professionals', 'Invoice', and 'Plan management' (highlighted with an orange box and a red circle containing the number 1). The main content area is titled 'Plan management' and displays 'Current Subscription' information. Under 'My Plans', it shows a 'Premium License (Free)' which contains 'Adults + Kids digital', 'Adults + Kids paper', and '10 professionals'. Below this, it lists '60 extra professionals (Free)' and 'Test NeuronUP (Extra) (Free)'. A chat bubble at the bottom left says 'Write us in our chat'. A help box on the right asks 'How can we help you?' and provides contact information: '+34 601 71 96 99', '+1 (305) 424-8333', 'neuronup.us@neuronup.com', and a link to 'Write us in our chat'.

In the **Plan Management** section (1), you can find all the information related to your NeuronUP plan.

You can edit or modify the plan you are using in NeuronUP.



## 2. Creating and Configuring a Professional Profile

# Types of Professional Profiles in NeuronUP

## Employee

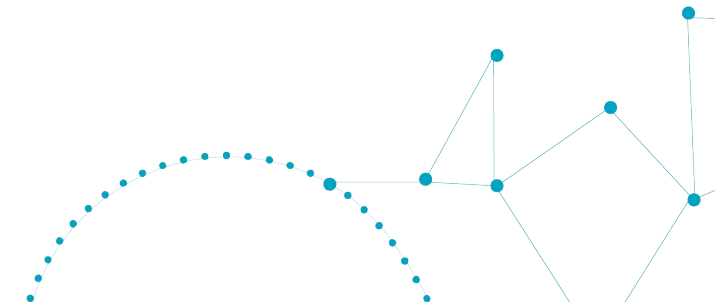
The employee profile has access to the **content needed to carry out interventions, but cannot make purchases** from the application or manage other professionals' profiles. This profile does not have access to the Administration module in NeuronUP.

## Administrator

The administrator profile has **access only to the Administration module**. From this module, they can make purchases, modify plans, view invoices, add payment methods, and manage professionals.

## Administrator + employee

This profile includes both roles and can perform **all actions**.



# Administration module

## CREATING A PROFESSIONAL PROFILE

The screenshot displays the NeuronUP Administration module interface. The top navigation bar includes 'Working Area', 'Patient Management', 'Academy', and 'Administration'. The left sidebar contains 'Facility / Company', 'Payment Methods', 'Professionals' (highlighted with a blue circle and the number 1), 'Invoice', and 'Plan management'. The main content area is titled 'Professionals' and shows a list of professionals (Prof 01 to Prof 06) and a 'New Professional' button (highlighted with a blue circle and the number 2). A modal form titled 'New Professional' is open, showing three steps: 1. Basic information (Name\*, Surname\*), 2. Access data, and 3. Relevant information (Optional). The form includes a photo upload section with a placeholder image and an 'Upload Photo' button. A 'Continue' button is at the bottom of the form.

To add a new professional profile, go to the Administration module and open the Professionals section (1).

Click the “**New Professional**” button (2), fill in the required information, and share the login credentials with the registered person.

# Adding to the Professional Profile the Clients They Work With

The screenshot displays the neuronUP interface in the Administration module. The left sidebar contains a menu with 'Professionals' highlighted, marked with a red circle and the number 1. The main area shows the 'Professionals' section with a list of professionals (Prof 01 to Prof 06) and a detailed profile for 'Prof 02'. Below the profile, there is a section titled 'Patients working with Alberto' with a grid of patient icons. A red circle and the number 2 highlight a '+' button in this grid. A modal window titled 'Patients' is open, showing a search bar, a 'Show Patients' dropdown set to 'All', and a list of patients with IDs (201184, 345678, 4525, etc.). A 'Save' button is at the bottom of the modal.

In the Administration module, under the Professionals section (1), select a professional from the list to view their detailed profile.

In the “Patients I Work With” section, select the clients that this professional profile will work with. It does not matter whether the patients were created by that professional or by another one.

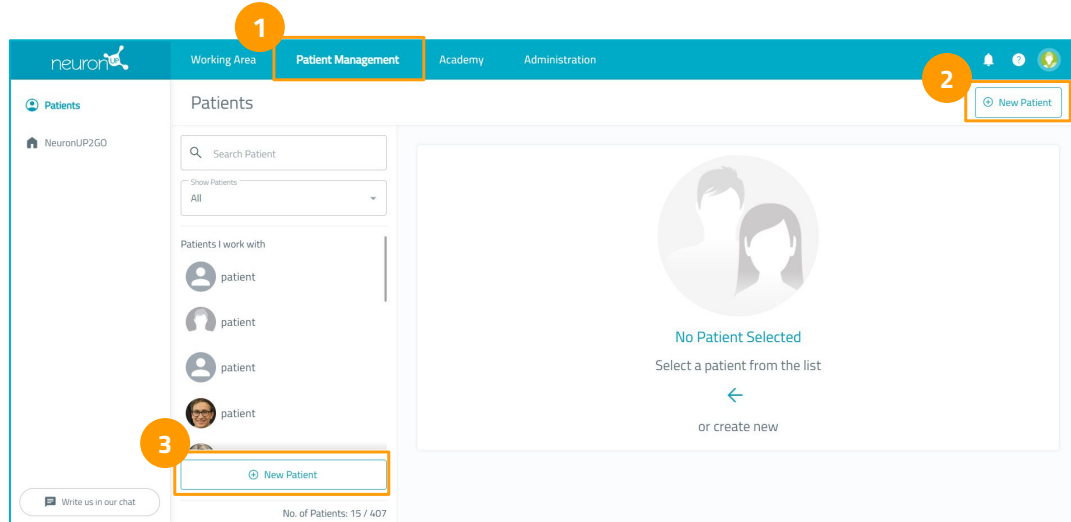
All professionals in the facility have access to all patients.

To add a patients, click the “+” button (2), search for the corresponding patient, and save the selection.

# 3. Creating and Using a Lay-User Profile

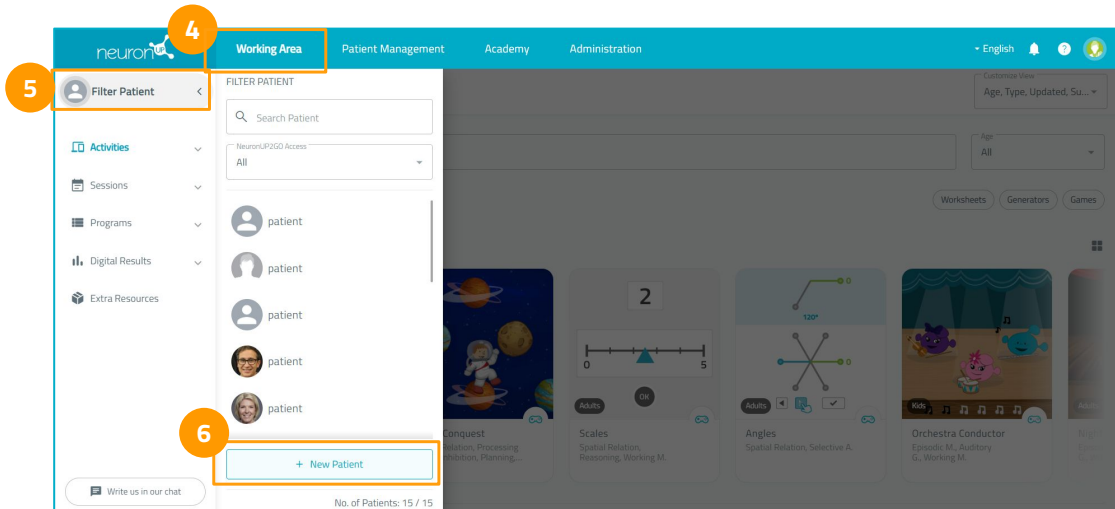
for people who are going to undergo treatment by the professional

# Creating a Patient



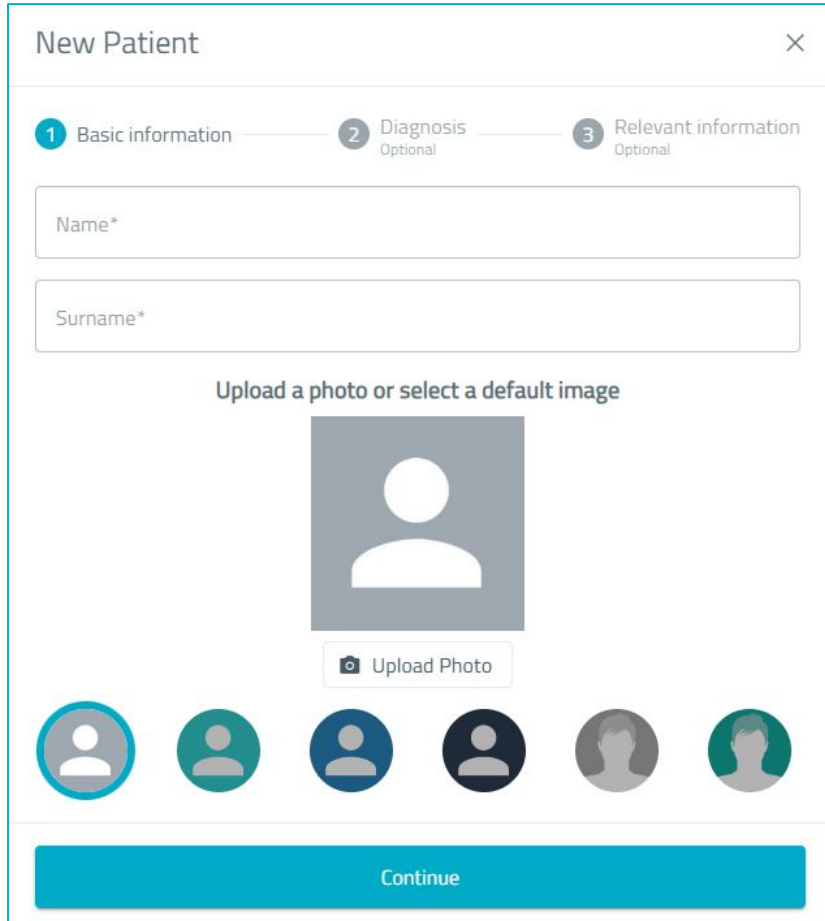
You can create a patient profile from:

- User Management module (1), New Patient (2, 3).
- Workspace module (4), patient filter (5), New Patient (6).



# Creating a Patient

## 1. PATIENT MANAGEMENT



The screenshot shows a 'New Patient' form with a progress indicator at the top showing three steps: 1. Basic information, 2. Diagnosis (Optional), and 3. Relevant information (Optional). The first step is active. Below the progress bar, there are two text input fields: 'Name\*' and 'Surname\*'. Below these fields is a section titled 'Upload a photo or select a default image' which contains a large square placeholder for a photo. Below the placeholder is a button labeled 'Upload Photo' with a camera icon. At the bottom of this section are six circular avatar icons in various colors. At the very bottom of the form is a large blue button labeled 'Continue'.

### Step 1. Basic Information:

- Enter the patient's basic information:
  - first and last name,
  - or, if patient identification by code is enabled, enter the corresponding identification code.
- Select an avatar or upload an image to identify the patient.

Click "Continue."

# Creating a Patient

## 1. PATIENT MANAGEMENT

New Patient

1 Basic information — 2 Diagnosis Optional — 3 Relevant information Optional

Diagnosis

1 Add Diagnosis

Continue

Diagnosis

Write Here...

Suggested Diagnoses

- Major neurocognitive disorder due to Alzheimer's disease (DSM5-TR)
- Down syndrome (ICD 11)
- Epilepsy (ICD 11)
- Mild cognitive impairment (Global Deterioration Scale (GDS))

### Step 2. Diagnosis:

NeuronUP offers an extensive list of diagnoses within the platform.

Search for the corresponding **diagnosis** for the patient and select Add Diagnosis (1) to confirm.

You may add more than one diagnosis.

- If the patient does not yet have a diagnosis, select “**Undiagnosed**” and, once defined, it can be edited from their profile.
- You may also select “**Healthy person.**”

Click “Continue.”



# Creating a Patient

## 1. PATIENT MANAGEMENT

### New Patient

1 Basic information

2 Diagnosis  
Optional

3 Relevant information  
Optional

Gender	Country of residence Spain
Birthdate	Native language Spanish
Education	Dominant hand

Finish

### Step 3. Relevant Information:

Include the patient's relevant data:

- sex,
- country of residence,
- date of birth, native language,
- educational level,
- dominant hand.

Once these fields are completed, click "Finish."

# 4. Evaluation Test



# Evaluation Test

**1** Assessment tests

**2**

**3** Open test

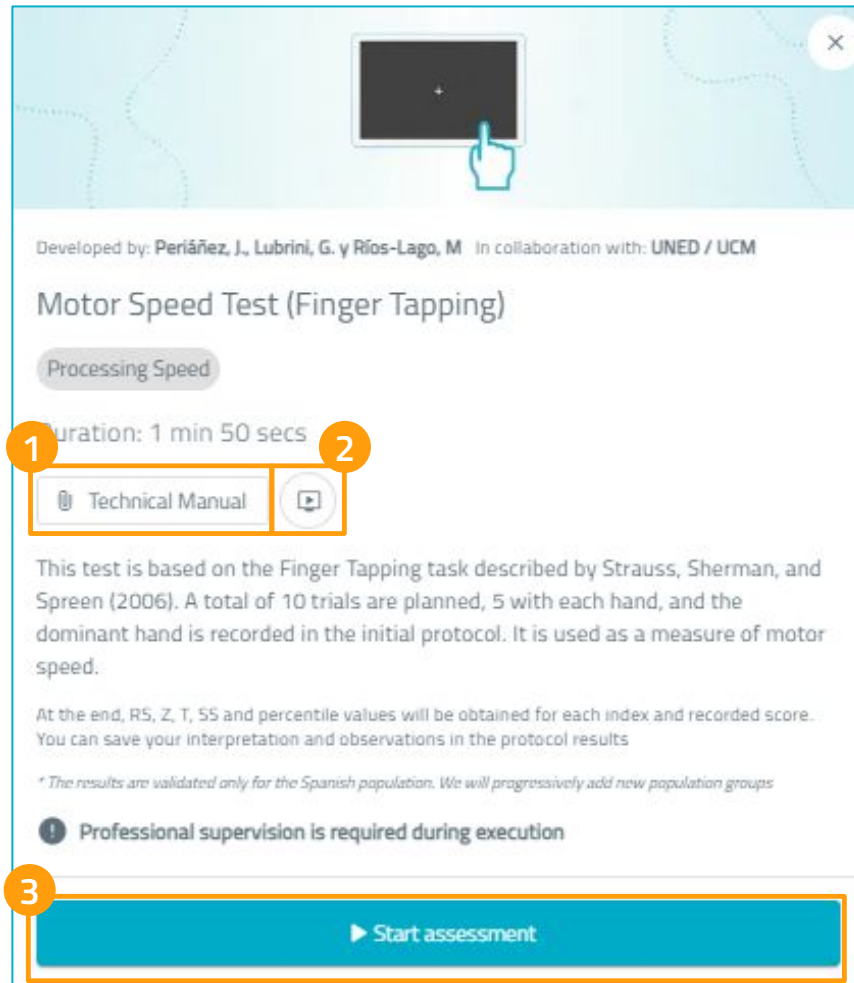
To start a test, go to the “Assessment tests” section (1).

In the same list, above the preview image, the **estimated duration** of the test administration is shown (2), along with an indication of whether it includes subtests and how many. Select the test you want to run and click the **“Open test”** button (3) to start administering it.



**Assessment tests must be carried out under the supervision of a professional.**

# Evaluation Test



When you click **“Open test”**, a window appears showing the **test name** and the associated **cognitive function**.

This window also displays the **test duration**.

From here, you can **download the technical manual** (1) or **watch the instructional video** (2).


To administer the test, click **“Start assessment”** (3), or **“Continue assessment”** if a protocol is already active.



**Professional supervision is required during administration.**

# Evaluation Test

< Pre-assessment form



Assessment of 'André Ferreira' with 'Go-No Go Test (SART)'

Please complete the following questions. This will help us provide reliable indexes

1

How will you interact with the application during the test?

Remember that using a mobile phone, projectors, or screens larger than 27 inches is not advisable

☒ With keyboard and mouse ☐ With touch screen

2

User's mood

Ask the user to rate their mood on a scale from 1 (very bad) to 7 (very good)

☐ 1 ☐ 2 ☐ 3 ☒ 4 ☐ 5 ☐ 6 ☐ 7

How the user slept last night

Ask the user to rate their night rest on a scale from 1 (very bad) to 7 (very good)

☐ 1 ☐ 2 ☐ 3 ☒ 4 ☐ 5 ☐ 6 ☐ 7

3

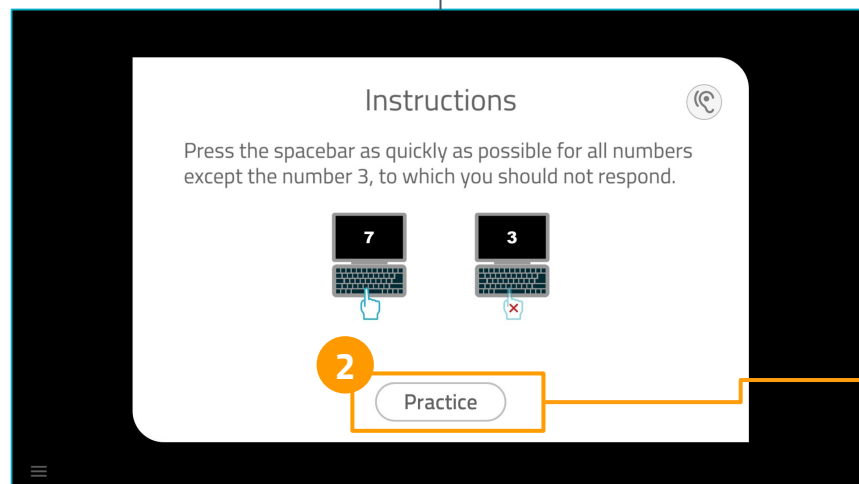
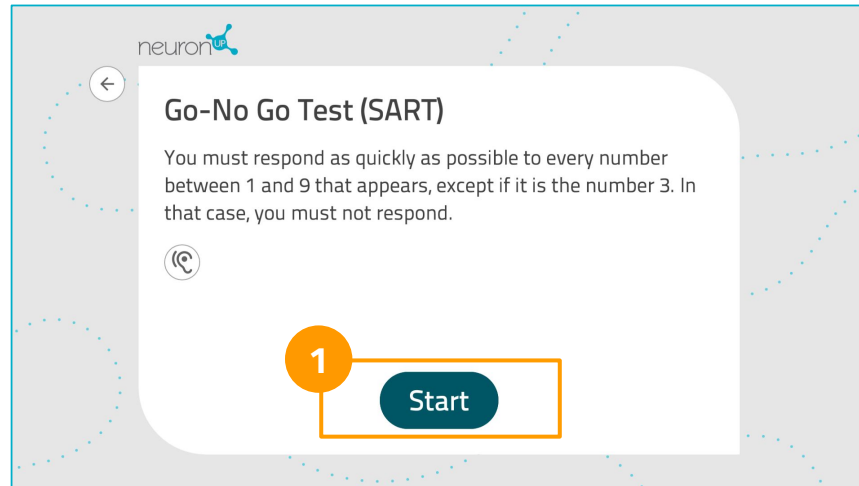
Continue

Before starting the selected test, a pre-assessment form will appear. In this form, select how you will **interact with the application during the test** (1).

Using the scales from 1 (very poor) to 7 (very good), indicate the **user's mood and how they slept last night** (2).

Once all answers have been selected, click the **"Continue"** button (3).

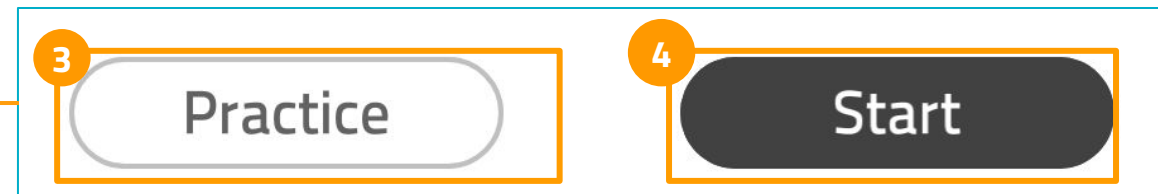
# Evaluation Test



Next, the screen displaying the information for the selected test will appear. Once you have read the instructions, click the **"Start"** button (1).

On the next screen, the test instructions and the **"Practice"** button (2) will appear. This allows the user to complete a practice trial before starting the test.

Once the practice session is complete, the instructions screen will be displayed again. At this point, you may repeat the practice by selecting **"Practice"** (3) or start the test by clicking **"Start"** (4).



# Evaluation Test

## 3. MODULO SUCCESSIVO ALLA VALUTAZIONE

Very good!  
You finished.

1 Continue

Post-assessment form

Assessment of 'André Ferreira' with 'Go-No Go Test (SART)'  
Please complete the following questions. This will help us provide reliable indexes

How well do you think you did on the test?  
Ask the user to rate their subjective sense of performance on a scale from 1 (very poor performance) to 7 (excellent performance)

1 2 3 4 5 6 7

How tired are you?  
Ask the user to rate their feeling of fatigue on a scale from 1 (extremely tired) to 7 (not tired at all)

1 2 3 4 5 6 7

2 Continue

Once the test is finished, a closing screen will appear.  
Click the **“Continue”** button (1).

After clicking this button, a post-assessment form will appear with questions similar to the pre-assessment form.

Using the scales from 1 (very poor) to 7 (very good), indicate how you think the user performed on the test and their level of fatigue. Once all answers have been selected, click the **“Continue”** button (2).

# 5. Assessment batteries





# Assessment batteries

neuronUP

Working Area Client Management Academy Administration

English

André Ferreira

Assessment

Assessment batteries

SPAln (Speed of Processing Assessment Instrument)

Working M., Processing Speed, Selective A.

Battery composed of 10 reaction time tasks aimed at assessing information processing speed and cognitive efficiency. Includes measures such as mean response time, speed-accuracy...

30 mins 20 secs 10 tests

Open battery

Perceptual-Motor Speed Battery (SPAln-PMS)

Processing Speed, Sustained A., Selective A.

Battery consisting of 3 tasks designed to evaluate perceptual and motor speed. Measures the speed of perceiving stimuli and issuing motor responses. Analyzes reaction times, motor fatigue, and...

6 mins 50 secs 3 tests

Open battery

Working Memory Battery (SPAln-WM)

Working M., Processing Speed, Spatial Rotation

Battery consisting of 4 tasks that evaluate verbal and spatial working memory. Assesses the ability to retain, manipulate, and update information in real time. Includes repetition metrics,...

10 mins 4 tests

Open battery

Assessment tests

Motor Speed Test (Finger Tapping)

Processing Speed

This test is based on the Finger Tapping task described by Strauss, Sherman, and Spreen (2006). A total of 10 trials are planned, 5 with each hand, and the dominant hand is recorded in the initial protocol. It is...

1 min 50 secs 2 subtests

Open test

Perceptual-Motor Speed Test (Simple Reaction Time)

Processing Speed, Sustained A., Selective A.

This task is inspired by classic Simple Reaction Time tasks (e.g., Reicker, Tombaugh, Walker & Freedman, 2007), and consists of responding to a stimulus as quickly as possible. It is used to measure basic perceptual,...

3 min

Open test

Response Selection Speed Test

Processing Speed, Decision Making, Sustained A.

This task is inspired by the Choice Reaction Time task by Chiaravalloti, Christodoulou, Demaree & DeLuca (2003). It involves selecting the correct response for each stimulus: respond with the left hand if a squa...

2 min

Open test

Go-No Go Test (SART)

Inhibition, Processing Speed, Selective A.

This task is based on the SART paradigm (Robertson et al., 1997) and is used to assess response inhibition strategy. It is a Go-No-Go task.

1 min 30 secs

Open test

Visual Search Test with Interference

Inhibition, Selective A., Processing Speed

This task is inspired by one of Neisser's paradigms (1964). It consists of responding with the left hand when the stimulus (a string of six letters) contains the letter 'Z'. Otherwise, respond with the right...

4 min

Open test

Write us in our chat

**Batteries** are predefined sets of tests designed to guide the administration of assessment batteries.

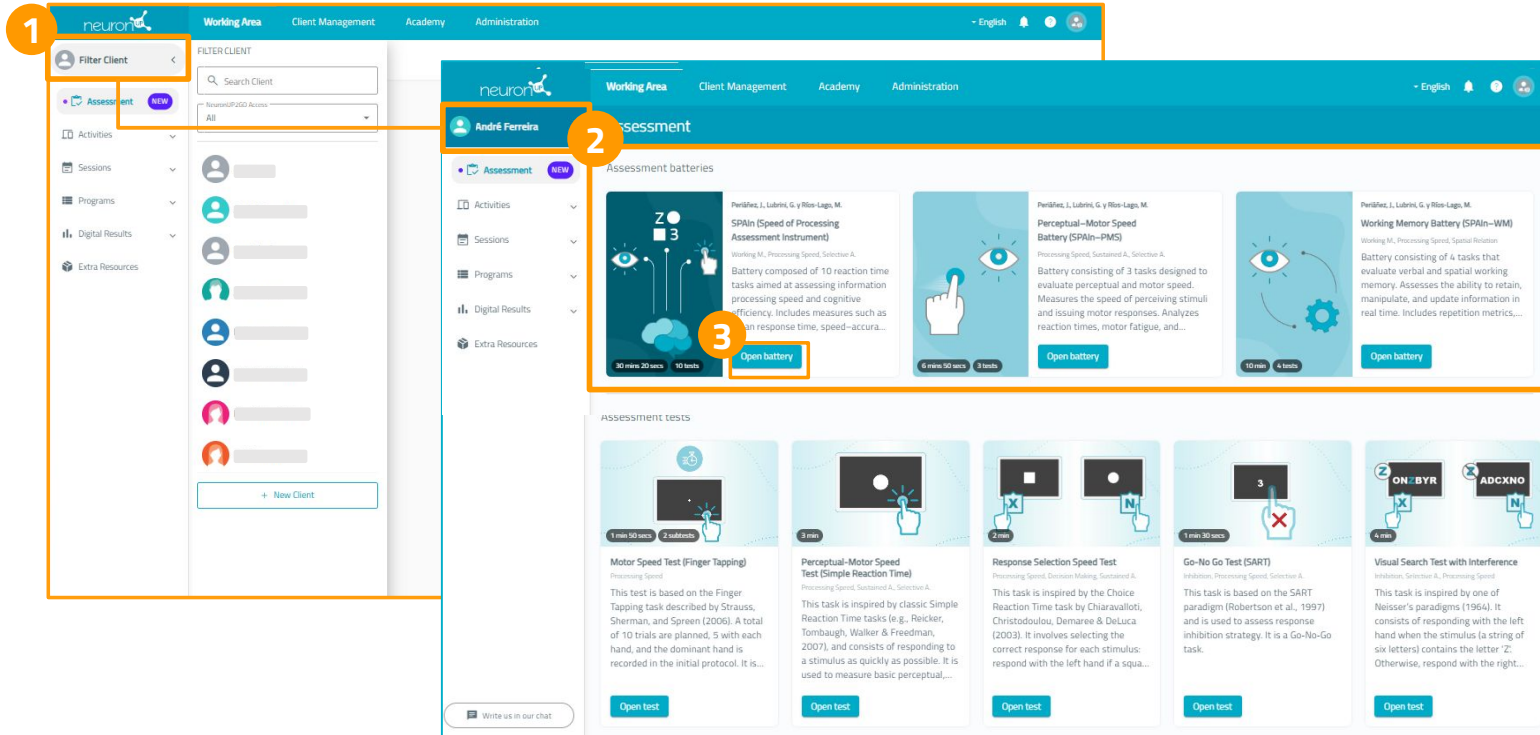


**Assessment batteries must be administered under the supervision of a professional.**

Remember to review the battery to ensure it is appropriate for your user.

# Assessment batteries

## 1. START AN ASSESSMENT BATTERY



To start a test battery, **select a user from the list** (1). Without a selected user, the assessment protocol cannot be started.

Once the user is selected, the assessment platform will open.

In the **"Assessment batteries"** section (2), click the **"Open battery"** button (3) to select the battery you want to work with.

Batteries are displayed by default in a preset order, but the professional can choose a different test administration order depending on the needs of the user to whom the assessment protocol is being applied.

# Assessment batteries

## 1. START AN ASSESSMENT BATTERY

The screenshot shows the neuronUP Assessment interface. The top navigation bar includes 'Working Area', 'Client Management', 'Academy', and 'Administration'. The left sidebar has 'Assessment' selected. The main area displays 'Assessment batteries' with three cards: 'SPAIIn (Speed of Processing Assessment Instrument)', 'Perceptual-Motor Speed Battery (SPAIIn-PMS)', and 'Working Memory Battery (SPAIIn-WM)'. A callout (1) points to the 'Open battery' button on the SPAIIn card. Below, the 'Assessment tests' section shows three test cards. A callout (2) points to the 'Technical Manual' button in the SPAIIn battery details. At the bottom of the SPAIIn details, a callout (3) points to the 'Continue assessment' button.

**Assessment batteries**

- SPAIIn (Speed of Processing Assessment Instrument)**  
Working M., Processing Speed, Selective A.  
Battery composed of 10 reaction time tasks aimed at assessing information processing speed and cognitive efficiency. Includes measures such as mean response time, speed-accuracy trade-off, and restart cost.  
30 mins 20 secs 10 tests **Open battery**
- Perceptual-Motor Speed Battery (SPAIIn-PMS)**  
Processing Speed, Selective A.  
Battery consisting of 3 tasks designed to evaluate perceptual and motor speed. Measures the speed of perceiving stimuli and issuing motor responses. Analyzes reaction times, motor fatigue, and...  
6 mins 10 tests 3 tests **Open battery**
- Working Memory Battery (SPAIIn-WM)**  
Working M., Processing Speed, Spatial Rotation  
Battery consisting of 4 tasks that evaluate verbal and spatial working memory. Assesses the ability to retain, manipulate, and update information in real time. Includes repetition metrics, and...  
10 mins 4 tests **Open battery**

**Assessment tests**

- Motor Speed Test (Finger Tapping)**  
Processing Speed  
This test is based on the Finger Tapping task described by Strauss, Sherman, and Spreen (2006). A total of 10 trials are planned, 5 with each hand, and the dominant hand is recorded in the initial protocol. It is used to measure basic perceptual...  
1 min 10 tests 4 tests **Open test**
- Perceptual-Motor Speed Test (Simple Reaction Time)**  
Processing Speed, Selective A.  
This task is inspired by classic Simple Reaction Time tasks (e.g., Reicker, Tombaugh, Walker & Freedman, 2007), and consists of responding to a stimulus as quickly as possible. It is used to measure basic perceptual...  
1 min 10 tests 4 tests **Open test**
- Response Speed Test (Simple Reaction Time)**  
Processing Speed, Selective A.  
This task is inspired by classic Simple Reaction Time tasks (e.g., Reicker, Tombaugh, Walker & Freedman, 2007), and consists of responding to a stimulus as quickly as possible. It is used to measure basic perceptual...  
1 min 10 tests 4 tests **Open test**

**SPAIIn (Speed of Processing Assessment Instrument)**  
Developed by: Periañez, J., Lubrini, G. y Ríos-Lago, M. In collaboration with: UNED, UCM  
Working M. Processing Speed Selective A.  
Duration: 30 mins 20 secs  
**Technical Manual**  
Battery composed of 10 reaction time tasks aimed at assessing information processing speed and cognitive efficiency. Includes measures such as mean response time, speed-accuracy trade-off, and restart cost.  
At the end, RS, Z, T, SS and percentile values will be obtained for each index and recorded score. You can save your interpretation and observations in the protocol results.  
\* The results are validated only for the Spanish population. We will progressively add new population groups.  
**Professional supervision is required during execution**  
**Continue assessment**

Once you click the **“Open battery”** button (1), a dropdown menu will appear with the battery description. Selecting **“Download technical manual”** (2) provides access to a document that includes test definitions, usage instructions, and individual indexes. After downloading the technical manual, click the **“Start assessment”** button (3) to begin the assessment protocol.

*The results of these assessments are validated exclusively for the Spanish population. We will progressively incorporate new population groups.*



**It is recommended to review the technical manual before starting any battery, protocol, or test.**

# Assessment batteries

## 1. START AN ASSESSMENT BATTERY

< Battery content ×

**SPAIN (Speed of Processing Assessment Instrument)**  
For a precise assessment, it is recommended to follow the test order. Skipping any may affect the generated indexes  
30 mins 20 secs

Choose the test you want to continue with

- ✓ Motor Speed Test (Finger Tapping)  
1 min 50 secs 2 subtests
- Perceptual-Motor Speed Test (Simple Reaction Time)  
3 min
- Go-No Go Test (SART)**  
1 min 30 secs **Completed**
- Response Selection Speed Test  
2 min
- Visual Search Test with Interference  
4 min
- Test de mémoire de travail verbale 1-back  
2 mins 30 secs
- Verbal Working Memory Test 2-back  
2 mins 30 secs
- Spatial Working Memory Test 1-back  
2 mins 30 secs

**Continue**

A second screen will appear showing the battery contents.

On this screen, **select the test you want to start the assessment protocol with.** You can choose any test listed in the assessment tests list.

From the same screen, you can **remove the tests you do not want to administer** in this assessment protocol (1).

Once you have selected the initial test, click the **“Continue”** button (2).

# Assessment batteries

## 2. PRE-ASSESSMENT FORM

The screenshot shows a mobile application interface for a pre-assessment form. At the top, there is a back arrow and the title "Pre-assessment form". Below this, a user profile icon is followed by the text "Assessment of 'André Ferreira' with 'Go-No Go Test (SART)'" and a sub-instruction "Please complete the following questions. This will help us provide reliable indexes".

Callout 1 points to the first question: "How will you interact with the application during the test?". Below the question is a reminder: "Remember that using a mobile phone, projectors, or screens larger than 27 inches is not advisable". There are two radio button options: "With keyboard and mouse" (which is selected) and "With touch screen".

Callout 2 points to the second section, "User's mood". It asks the user to rate their mood on a scale from 1 (very bad) to 7 (very good). The scale shows buttons for 1, 2, 3, 4 (selected), 5, 6, and 7. Below this, there is another question: "How the user slept last night", asking the user to rate their night rest on a scale from 1 (very bad) to 7 (very good). This scale also shows buttons for 1, 2, 3, 4 (selected), 5, 6, and 7.

Callout 3 points to a large blue "Continue" button at the bottom of the form.

Before starting the selected test, a pre-assessment form will appear.

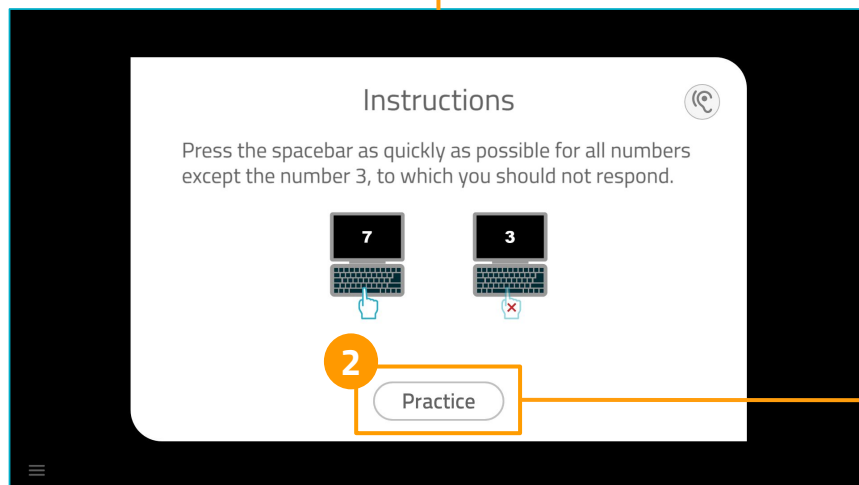
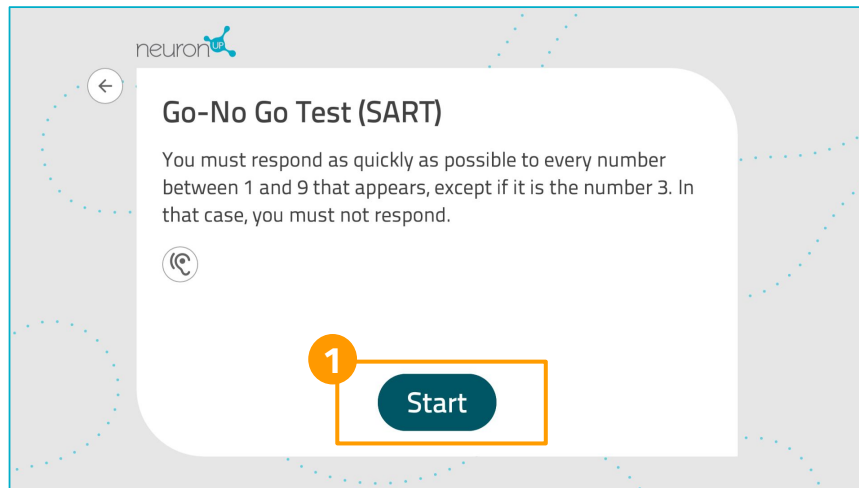
In this form, you will be asked to:

- select **how you will interact with the application** during the test (1),
- using the scales from 1 (very poor) to 7 (very good), indicate the **user's mood** and how they **slept last night** (2).

Once all answers have been selected, click the **"Continue"** button (3).

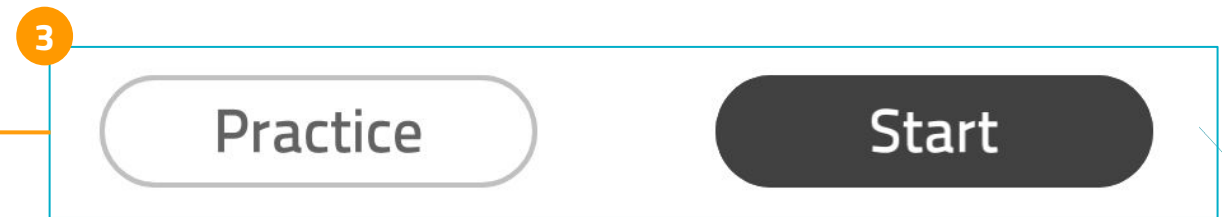
# Assessment batteries

## 3. TESTS WITHIN THE ASSESSMENT BATTERY



When starting a test, the screen with the corresponding test information will appear. Once you have read the instructions, click the **"Start"** button (1).

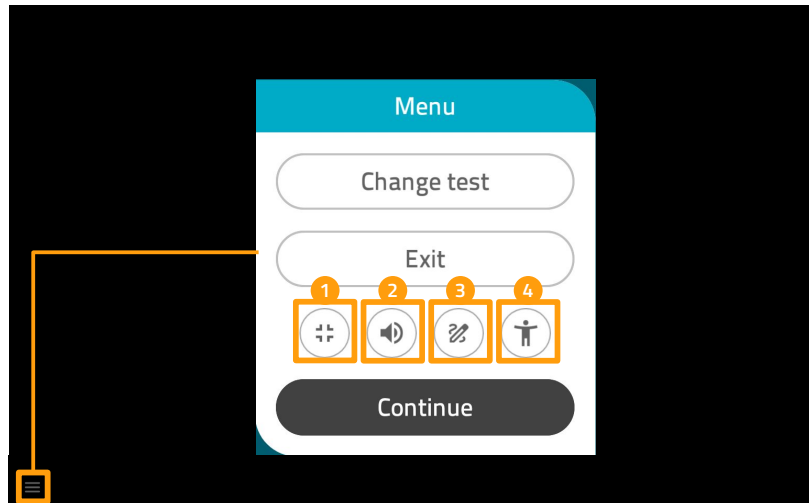
On the next screen, the test instructions and the **"Practice"** button (2) will appear. This allows the user to complete a practice trial before starting the test. Once the practice is finished, the instructions screen will appear again. From here, you can practice again by clicking **"Practice"** or start the test by clicking **"Start"** (3).





# Assessment batteries

## 3. TESTS WITHIN THE ASSESSMENT BATTERY

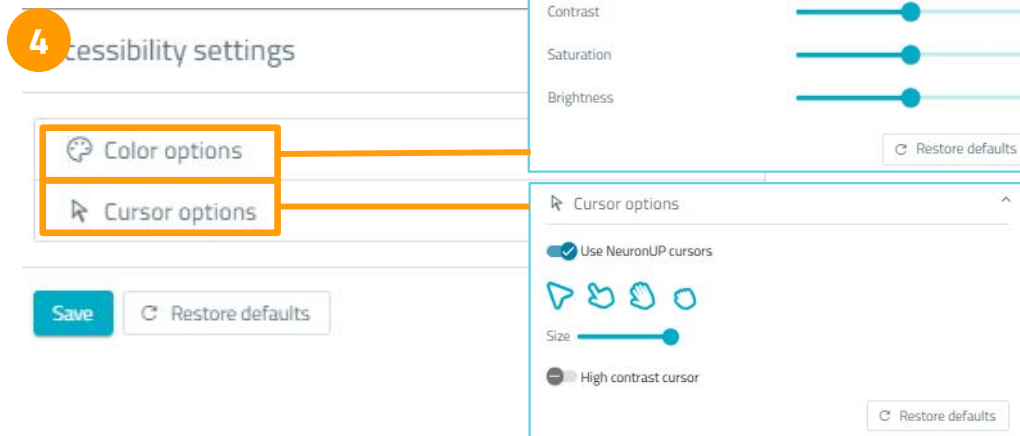


### Within a test

To access the menu, click the button located in the bottom-left corner.

Several options are available:

- **Full screen (1).**
- **Activity audio (2).**
- **Whiteboard (3):** this option allows you to draw over the test like on a whiteboard, so you can reinforce the explanation for your user.
- **Accessibility settings (4):**
  - **Color options:** if your user needs it, you can adjust contrast, saturation, and brightness.
  - **Cursor options:** you can adjust its size, enable a high-contrast option, or disable the NeuronUP version to use your system's default pointer.



# Assessment batteries

## 4. POST-ASSESSMENT FORM

Very good!  
You finished.

1 Continue

Post-assessment form

Assessment of 'André Ferreira' with 'Go-No Go Test (SART)'  
Please complete the following questions. This will help us provide reliable indexes

How well do you think you did on the test?  
Ask the user to rate their subjective sense of performance on a scale from 1 (very poor performance) to 7 (excellent performance)

1 2 3 4 5 6 7

How tired are you?  
Ask the user to rate their feeling of fatigue on a scale from 1 (extremely tired) to 7 (not tired at all)

1 2 3 4 5 6 7

2 Continue

Once the test is finished, a closing screen will appear. Click the **“Continue”** button (1).

After clicking this button, a post-assessment form will appear with questions similar to the pre-assessment form.

Using the scales from 1 (very poor) to 7 (very good), assess how you think the user performed on the test and their level of fatigue.

Once all answers have been selected, click the **“Continue”** button (2).



# Assessment batteries

Assessment protocol content

Choose the test you want to continue with

✓ Motor Speed Test (Finger Tapping)  
1 min 50 secs 2 subtests

Perceptual-Motor Speed Test (Simple Reaction Time)  
3 min

Go-No Go Test (SART) ✓ Completed  
1 min 30 secs

Response Selection Speed Test  
2 min

Visual Search Test with Interference  
4 min

Test de mémoire de travail verbale 1-back  
2 mins 30 secs

Verbal Working Memory Test 2-back  
2 mins 30 secs

Spatial Working Memory Test 1-back  
2 mins 30 secs

Spatial Working Memory Test 2-back  
2 mins 30 secs

Cognitive Flexibility Test (task switching)  
8 min

Continue assessment

Back to assessment list

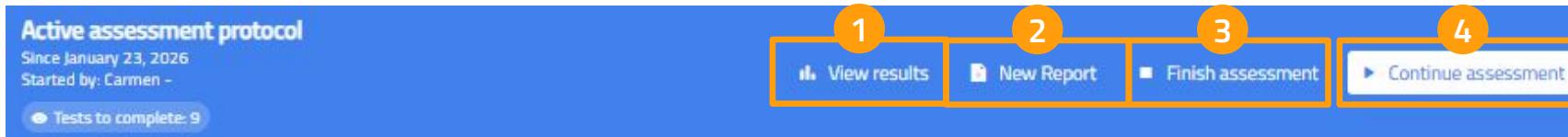
At the end of a test within the battery, the list of tests included in this assessment protocol will appear again. In this list, you can continue the assessment following the established order or select the test you want to administer next.

At the bottom, you can choose between **“Continue assessment”** (2) to proceed with the protocol, or **“Return to the assessment list”** (3) to go back to the initial screen with all tests and assessments.

1 Continue assessment

2 Back to assessment list

# Assessment batteries

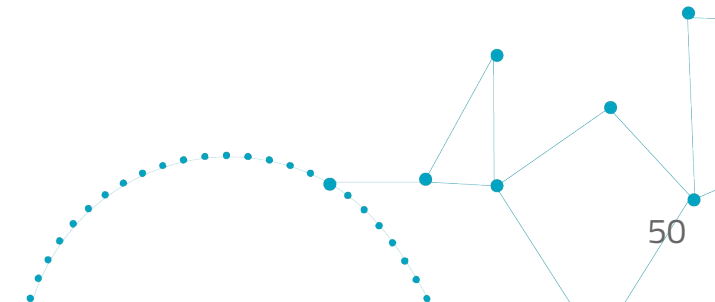


When you return to the home screen, a banner will appear at the top showing the protocol that is currently active.

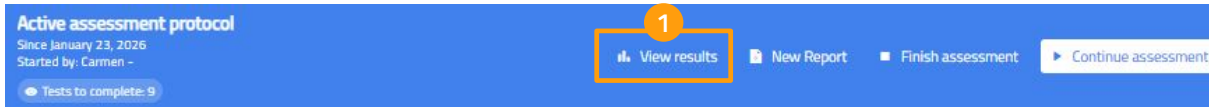
From this panel, you can:

- **View the results** (1)
- **Create a new report** (2)
- **Finish the assessment** (3)
- **Continue the assessment** (4)

This section also shows when the protocol was started, who started it, and how many tests remain to complete the active protocol.



# Baterías de evaluación



Assessment results **Active protocol**

Assessment protocol result for 'Manuel García'  
 Since Jan 29, 2026, 3:23:32 PM  
 Started by: Carmen -  
 2 tests finished

**Go-No Go Test (SART)**  
 Date: Feb 2, 2026, 10:26:59 AM

Score	RS	Z	T	SS	PR
Correct answers	0	-3.5	15	1	5
Omissions	45	-3.5	15	1	5
False alarms	0	3	80	19	99
RT fatigue in correct responses	0	0	50	10	49

**Score interpretation**

Pre-assessment form

How will you interact with the application during the test? With keyboard and mouse

User's mood 4 / 7

How the user slept last night 4 / 7

Post-assessment form

**Assessment observations**

**Generate interpretation with +:AI PRO**

The results of this test and their AI-based interpretation are exclusively exploratory in nature and are intended to support research and professional reflection. They do not constitute a diagnosis and should not be used as the sole basis for clinical intervention

**Continue**

**New Report**

On the **“View Results”** button (1), you can see the results of the tests completed up to that point in the active evaluation protocol.

On the **“Score Interpretation”** button (2), you can download a PDF support document to help interpret the results of that specific test. In this section, you can also view the **responses from the pre-evaluation form and the post-evaluation form.** (3)

In the **“Assessment Observations”** section (4), you can write the necessary information about the assessment. From this section, you can also generate an **automatic interpretation using AI.** (5).

From this screen, you can click **“Continue”** or **“Create a New Report”**\* (6).

*For more information on how to create a report, go to point “7.” Reports*



The results of this test are intended solely for exploratory purposes and are aimed at research and professional reflection. They do not constitute a diagnosis and should not be used as the sole basis for clinical intervention.

# Protocolo de evaluación

The screenshot shows the 'Active assessment protocol' interface. At the top, a blue bar contains navigation buttons: 'View results', 'New Report', 'Finish assessment', and 'Continue assessment' (labeled 4). Below this, a section titled 'Assessment tests' displays a grid of test cards. Each card includes a 'Test in active protocol' button (labeled 3) and a 'View Content' button (labeled 2). A 'Tests to complete: 2' indicator is shown in the top left (labeled 1). A 'Continue assessment' button is in the top right (labeled 4). A modal window titled 'Assessment protocol content' is open, showing a list of tests to continue with: 'Torre de Hanói' (9 min, 4 subtests, Completed), 'Go-No Go Test (SART)' (1 min 30 secs, Completed), 'Stroop Test' (3 min, selected with a checkmark), and 'Symbol Digit Modalities Test (SDMT)' (4 min). A 'Continue' button is at the bottom of the modal (labeled 5).

From the **“Evaluation Tests”** section, you can add tests and create a **personalized evaluation protocol**:

By pressing the **“+”** button (1), the selected test is automatically added to the active evaluation protocol.

By tapping at the top of the screen, where the text **“View Content”** (2) appears, you can access the protocol’s list of tests.

- From this list, you can:
  - Select which test to continue the protocol with.
  - Remove test from the protocol.
- Tests already included in the active protocol are identified with the text **“Test in active protocol”** (3).

The evaluation protocol can be started in two ways:

- By pressing the **“Start Evaluation”** button (4).
- From the **“Tests to complete”** section, click the **“Continue”** button (5).

# 6. Results



# Results

The screenshot shows the NeuronUP software interface. At the top, there's a navigation bar with 'Working Area', 'Client Management' (highlighted with a blue box and labeled 1), 'Academy', and 'Administration'. Below this, the 'Clients' section on the left lists several users: André Ferreira (highlighted with a blue box and labeled 2), Daniela Cruz, Julen López, Manuel García, and Manuel Sánchez. A 'New Client' button is at the bottom of this list. The main area displays 'Assessment results' (labeled 3) for 'NeuronUP2GO'. It lists four assessment protocols, each with a 'View results' button (labeled 4) and a delete icon (labeled 5). At the bottom, there's a 'Reports' section with a 'New Report' button (labeled 6). The status 'No. of Clients: 15 / 471' is shown at the bottom left.

To view the assessment results\*, go to **“User management”** (1) and select the user whose results you want to review (2).

Within the profile, scroll down to the **“Assessment results”** section (3), where the results for each completed battery and test are displayed. From this section, click **“View results”** (4) to access them. You can also **delete results** (5) and **generate reports** (6) from the same screen.

*To see how to create a standard report, refer to section 5 “Reports.”*

*Each test includes a support manual for interpreting the indexes and the results obtained.*



**The battery does not assess independently; it is the professional who, based on their clinical judgment, interprets the results and makes decisions.**

These tools are provided to support the professional's assessment and facilitate appropriate interpretations based on their knowledge.

# 7. Reports



# Reports

The screenshot shows the NeuronUP interface. The top navigation bar includes 'Working Area', 'Client Management' (highlighted with a red box and '1'), 'Academy', and 'Administration'. The left sidebar shows a 'Clients' list with a search bar and a dropdown menu. The list includes 'André Ferreira' (highlighted with a red box and '2'), 'Daniela Cruz', 'Julen López', 'Manuel García', and 'Manuel Sánchez'. At the bottom of the sidebar is a 'New Client' button. The main panel shows 'Assessment results' for 'NeuronUP2GO'. It lists four assessment protocols with their respective dates and test counts. Each protocol has a 'View results' button. At the bottom of the main panel, there is a 'Reports' section with a 'New Report' button (highlighted with a red box and '3').

Select a profile in the **“User management”** module (1).

Choose a user from the list (2).

Click **“Generate report”** (3). The steps are the same as previously explained in section **“5. Reports.”**

If the assessment protocol is active, you can generate the report from the top panel of the platform by clicking **“New report”** (4).



**The battery does not assess independently; it is the professional who, based on their clinical judgment, interprets the results and makes decisions.**

These tools are provided to support the professional's assessment and facilitate appropriate interpretations based on their knowledge.

The screenshot shows the 'Protocolo de evaluación activo' (Active evaluation protocol) interface. The header is blue and contains the text 'Protocolo de evaluación activo' and 'Desde 8 de enero de 2026'. Below the header, there are four buttons: 'Ver resultados', 'Nuevo informe' (highlighted with a red box and '4'), 'Finalizar evaluación', and 'Continuar evaluación'. At the bottom, there is a progress bar showing 'Test por completar: 9'.





# Reports

New Report ×

1 Anamnesis — 2 Content — 3 Functions — 4 Conclusions

**Basic information:**

1 Report Date  
01/23/2026   André Ferreira

2 Report Name\*  
Assign a descriptive name to the PDF file to easily identify its content in the future.

3 Anamnesis\*  
Add a brief introduction with relevant information or the purpose of the report.

5 Continue

When you click **"New report"**, a panel will appear where you can add basic information such as the report date (1), the report name (2), and the medical history (3).

You can also include additional information, such as the tools used and observations (4).

Once you have completed the information, click **"Continue"** (5).

4 **Additional information:**

Observations Title  
Used tools

Observations

# Reports

The screenshot shows the 'New Report' form with the 'Content' section selected. The form has four tabs: 1 Anamnesis, 2 Content, 3 Functions, and 4 Conclusions. The 'NeuronUP Report Information' section includes checkboxes for 'Relevant information' and 'Diagnosis', both of which are checked. The 'Assessment results' section is highlighted with an orange box and a callout '1'. It contains a list of evaluation protocols with checkboxes and 'View results' buttons. The 'Rehabilitation results' section is also highlighted with an orange box and a callout '2'. It includes a dropdown for 'Interval' (set to 'Last 3 Months') and a dropdown for 'Group By' (set to 'Day'). Below these are five checkboxes, each with a callout: '4' for 'Number of activities worked, days worked, hours worked' (checked), '5' for 'Show impact of cognitive functions on the score' (checked), '6' for 'Treatments' (unchecked), and '7' for 'Include suggested activities' (unchecked). A 'Continue' button is at the bottom.

In the content section, select the protocol results you want to include in the report.

Tick the box next to the **protocol or test you want to add** (1). In this section, you can also review the results of that assessment protocol.

You can also include rehabilitation results. To do so:

- Select the **time range** (2) and the **grouping** (3).
- Indicate whether you want to **display the number** of activities completed, days worked, and hours worked (4).
- Enable the option to show the **impact of cognitive functions** on the score (5).
- Include **treatments** (6).
- Include **recommended activities** (7)


# Reports


New Report

1 Anamnesis 2 Content 3 Functions 4 Conclusions

Cognitive functions worked :

Select the functions you want to analyze so they appear in the report

Generate analysis with +: AI 


Overall  Include in the report Score of Overall: 28 ^


100  
75  
50  
25  
0


10/23/25 11/6/25 11/20/25 12/4/25 12/18/25 1/1/26 1/15/26

1 Analysis

2 ☒ Include in the report

Processing Speed  Include in the report Score of Processing Speed: 13 v

Orientation  Include in the report Score of Orientation: 50 v

Attention  Include in the report Score of Attention: 12 v

Continue

3 1 Anamnesis 2 Content 3 Functions 4 Conclusions


Conclusions:


Use this field to note any elements you believe are of interest; observations, comments, analysis on user evolution or interpretation and recommendations.

4 Conclusion Title

User follow-up

5 Report Conclusions

6 Generate conclusions with +: AI 

7  This content has been generated by an automated system. It does not replace professional judgment nor constitute a diagnosis. Review and validation by the professional responsible for the case are required.

Generate Report

In the functions section, select the functions you want to analyze so that they appear in the report.

In the **analysis panel (1)**, you can add a new entry and choose whether to include it in the report (2).

In the **conclusions section (3)**, write down any relevant information: observations, comments, analysis of the user's assessment, interpretation, and recommendations.

To do so, add a **title (4)** and complete the **conclusions (5)**.

You can also generate **conclusions using AI** by clicking the corresponding button (6).

Once all sections have been completed, click the **"Generate report"** button (7) to generate it.

# 10. Support resources



# Support resources

**Help Center** - Documentation in different formats to help you understand the platform in depth:

<https://neuronup.us/help-center/>

**FAQs** - Consult the most up-to-date frequently asked questions:

<https://neuronup.us/faq/>

**Resources for professionals** - Content to support your use of NeuronUP: presentations, images, reminders for your patients, the NeuronUP logo for sharing on your website, use cases, etc.

<https://neuronup.us/resources/>

<https://neuronup.us/downloads/>

**Newsletter** - weekly email with news, resources, clinical cases, webinars, training, etc.

<https://neuronup.us/newsletter/>

**NeuronUP Academy** - training academy in neurorehabilitation:

<https://neuronup.us/neuronup-academy/>

**NeuronUP Labs** - tools for researchers:

<https://neuronup.us/neuronup-labs/>

