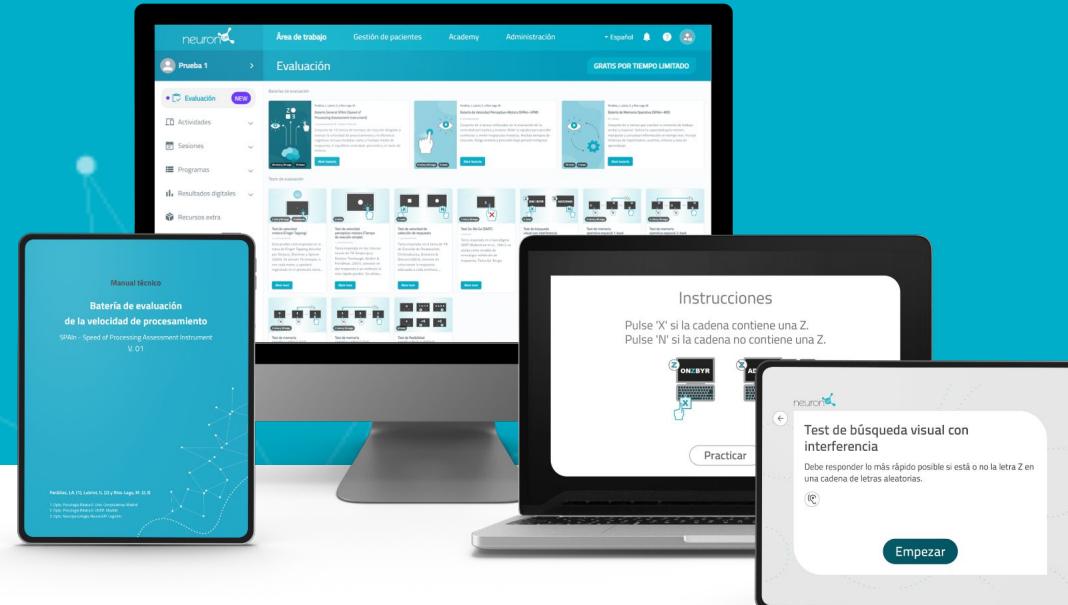




User Manual

NeuronUP Assessment

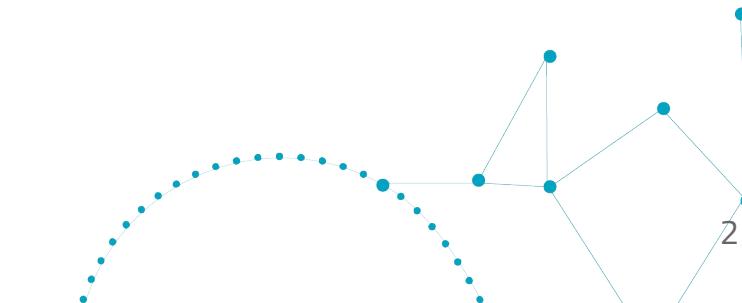


VERSION CONTROL

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.

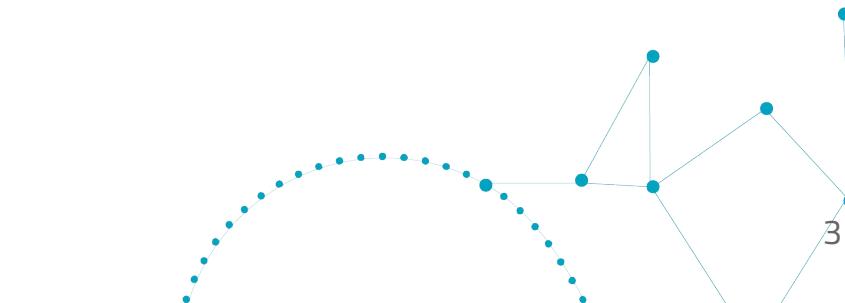
It is recommended to use a stable connection, preferably fiber optic or ADSL, to ensure service continuity and minimize interruptions.

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

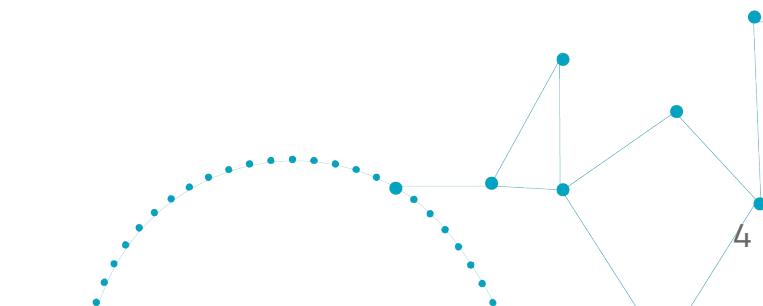
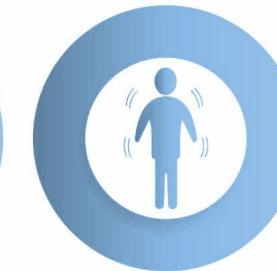
Precautions

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:

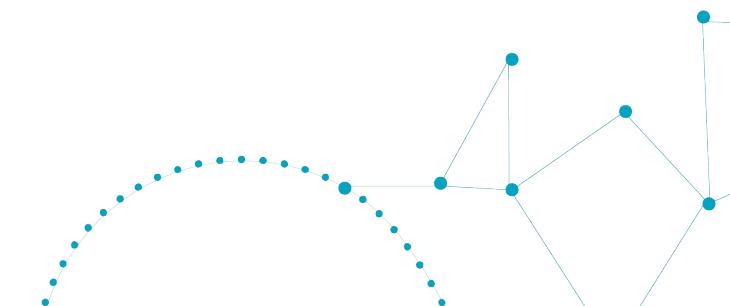
- **Phone:** +1 (305) 424-8333
- **WhatsApp:** +34 676 84 29 14
- **Email:** neuronup.us@neuronup.com

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)

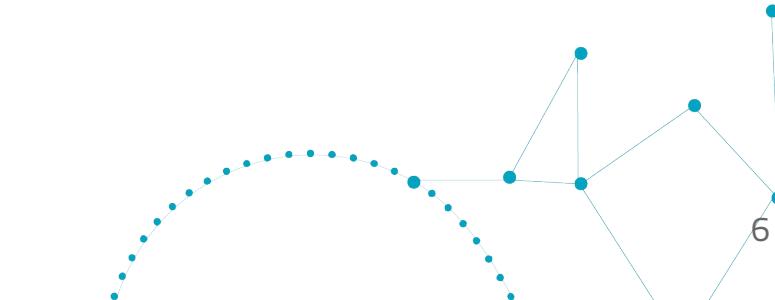
- **Phone:** +34 941 28 72 38
- **Email:** lpd@neuronup.com



How to use NeuronUP Evaluation?

This manual provides information on the following topics:

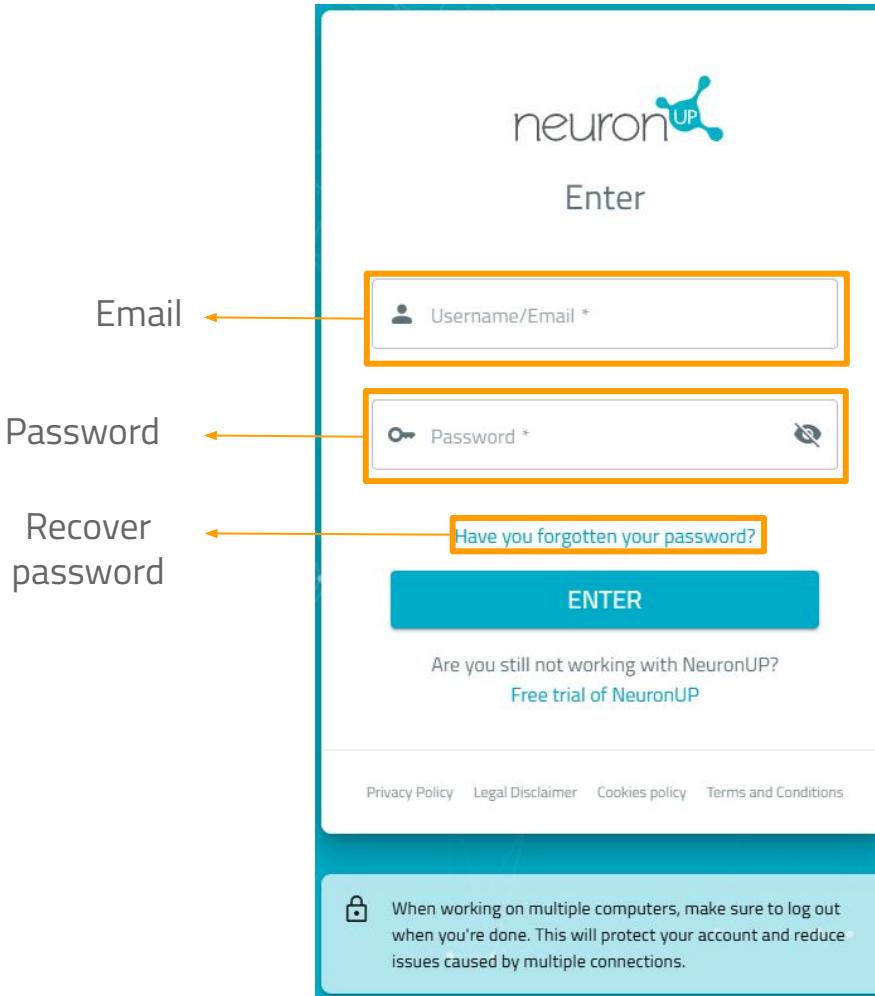
1. The platform: how to access it, general information, modules
2. Creating and setting up a professional profile
3. Creating and using a lay user profile (for managing users/patients/students)
4. Assessment tests
5. Assessment batteries
6. Results obtained
7. Reports
8. Support resource



1. The Platform

How to Access It, General Information, Modules

How to Access NeuronUP



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

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

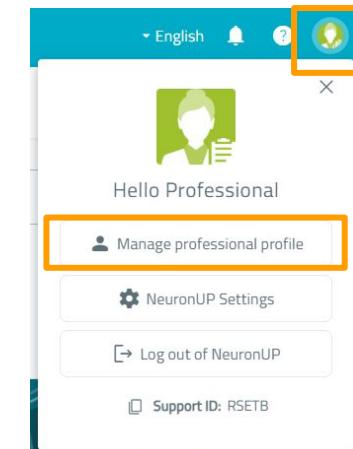
If you forget your password, you can recover it through the "Forgot your password?" link located above the "Log In" button.



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

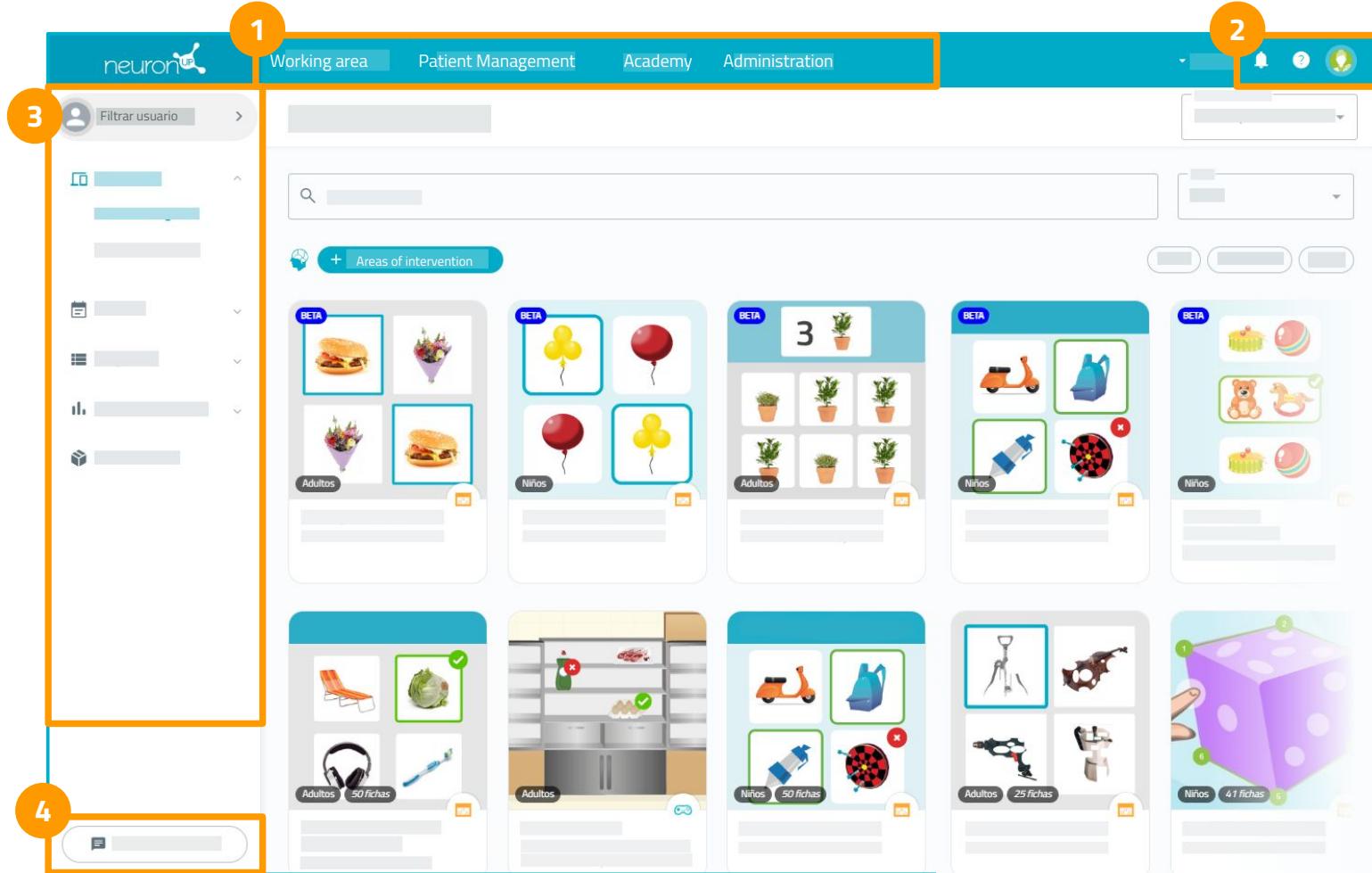
If you suspect that someone else has gained access to your password, you can change it from your professional profile.

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



NeuronUP Rehab

GENERAL INFORMATION



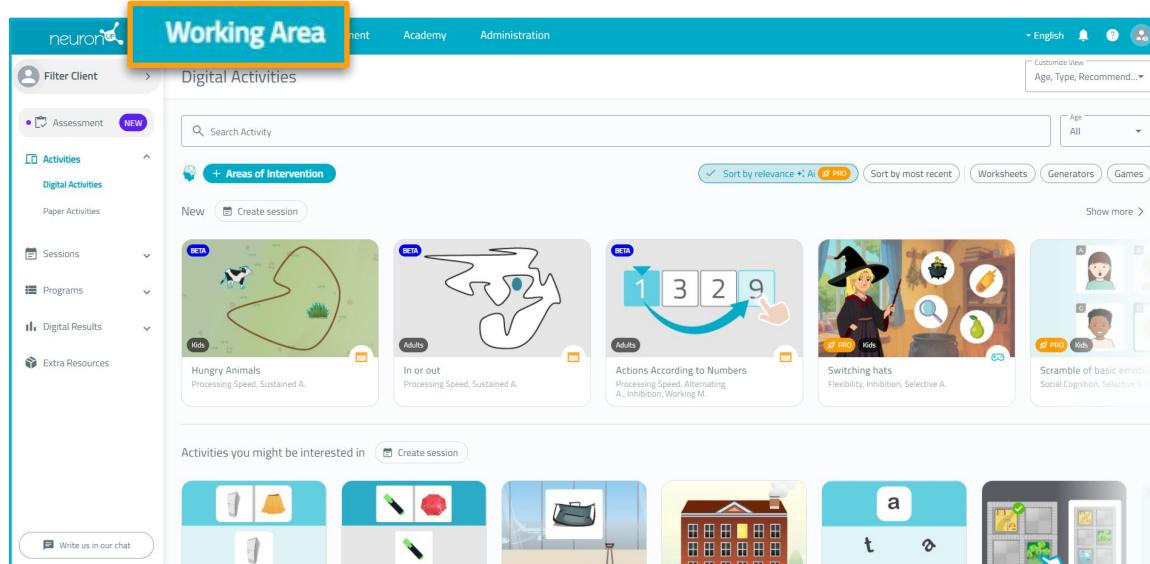
The screen and the side menu display different sections, areas, or options depending on the module selected.

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

Digital Activities

Activities

Digital Activities

Hungry Animals

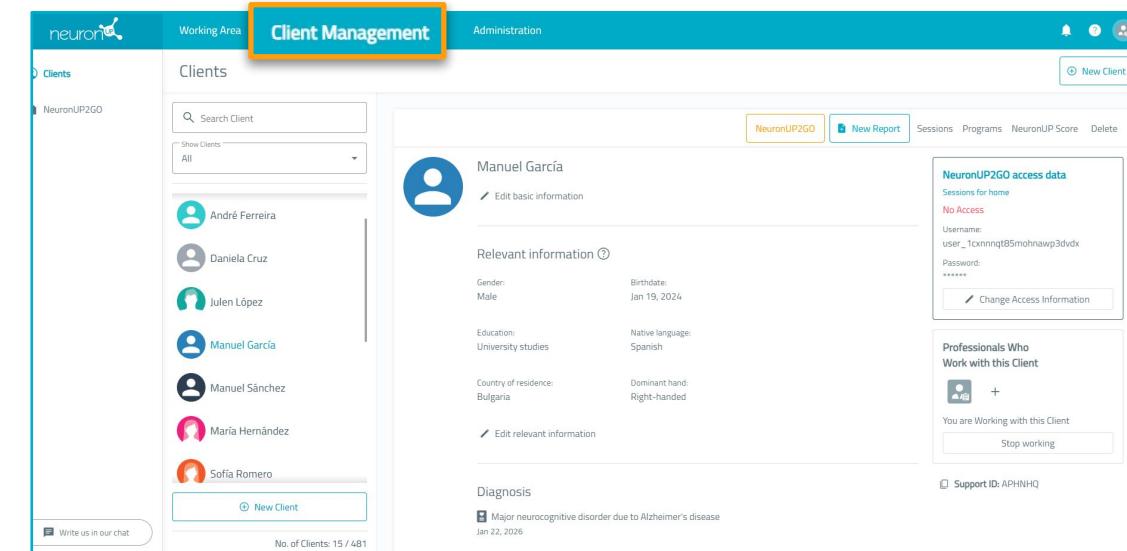
In or out

Actions According to Numbers

Switching hats

Scramble of basic emotions

Write us in our chat



Working Area

Clients

Manuel García

Relevant information

Gender: Male

Education: University studies

Native language: Spanish

Country of residence: Bulgaria

Dominant hand: Right-handed

Diagnosis

Major neurocognitive disorder due to Alzheimer's disease

NeuronUP2GO access data

Sessions for home

No Access

Username: user_1cknnngt85mohnawp3dvdx

Password: *****

Change Access Information

Professionals Who Work with this Client

You are Working with this Client

Stop working

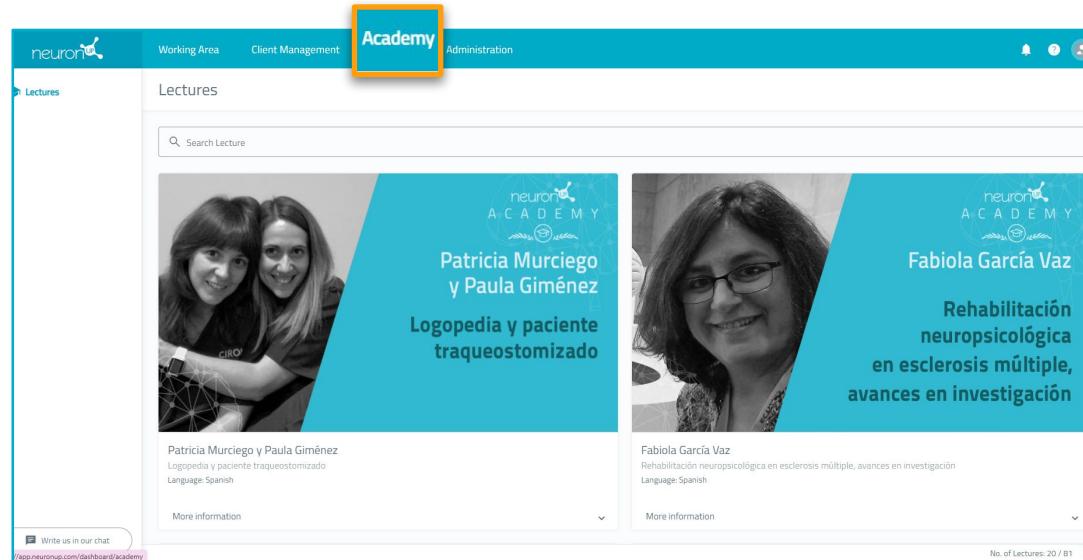
Support ID: APINHQ

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

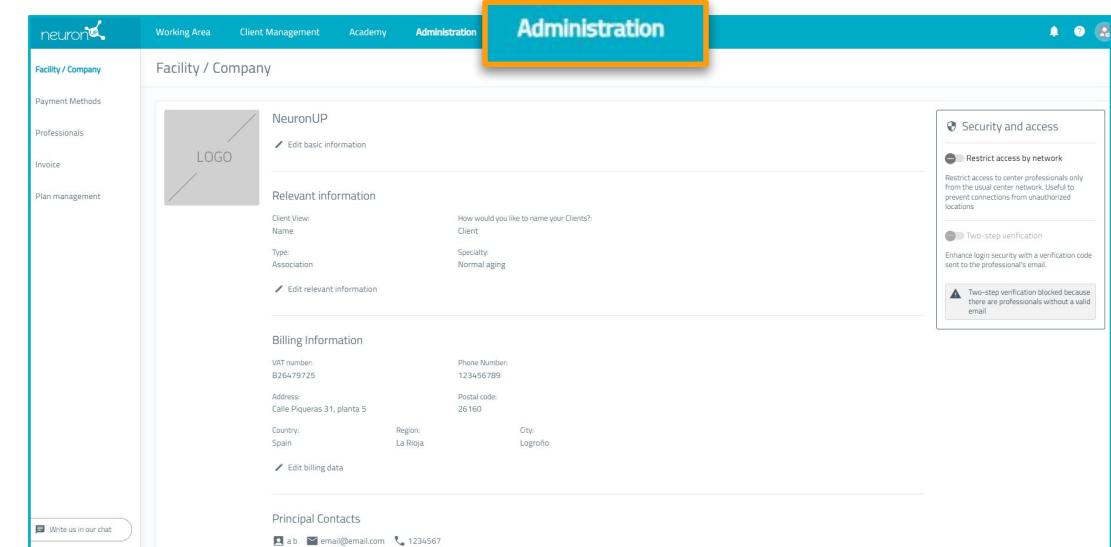


The Academy module displays two training video thumbnails:

- Patricia Murciego y Paula Giménez**
Logopedia y paciente traqueostomizado
Language: Spanish
- Fabiola García Vaz**
Rehabilitación neuropsicológica en esclerosis múltiple, avances en investigación
Language: Spanish

At the bottom, there is a "More information" button and a "No. of Lectures: 20 / 81" indicator. A "Write us in our chat" button and a URL "app.neuronup.com/dashboard/academy" are also present.

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



The Administration module displays facility/company information:

- NeuronUP** (Logo)
- Facility / Company** (Edit basic information)
- Relevant information** (Client View: Name, Type: Association, Specialty: Normal aging)
- Billing Information** (VAT number: B26479725, Address: Calle Piquerias 31, planta 5, Postcode: 26160, Country: Spain, Region: La Rioja, City: Logroño)
- Principal Contacts** (Email: email@email.com, Phone: 123456789)

On the right, there are sections for **Security and access** (Restrict access by network, Two-step verification), **Payment Methods**, **Professionals**, **Invoice**, and **Plan management**. A note indicates that two-step verification is blocked for professionals without a valid email.

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.

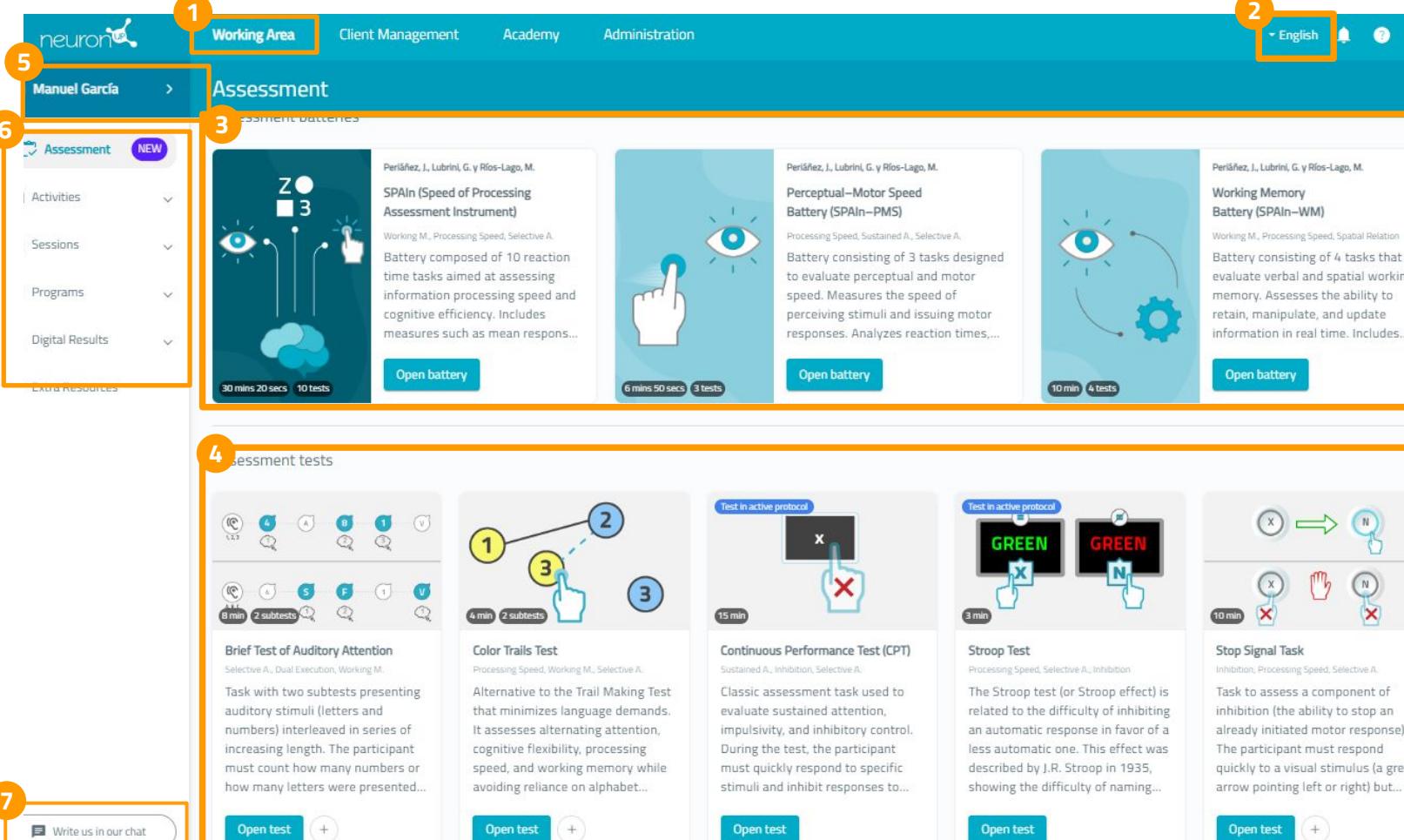
For more information, see the *Administration* section of the manual.

Módulo: Área de trabajo



NeuronUP Workspace

1. GENERAL OVERVIEW



The screenshot shows the NeuronUP Workspace interface with the following numbered elements:

- Working Area**: The main navigation bar at the top.
- English**: Language selection dropdown.
- Assessment batteries**: A section displaying three assessment batteries: SPAIn (Speed of Processing Assessment Instrument), Perceptual-Motor Speed Battery (SPAIn-PMS), and Working Memory Battery (SPAIn-WM).
- Assessment tests**: A section displaying five assessment tests: Brief Test of Auditory Attention, Color Trails Test, Continuous Performance Test (CPT), Stroop Test, and Stop Signal Task.
- Manuel Garcia**: User profile information.
- Assessment**: Side menu item.
- Activities**: Side menu item.
- Sessions**: Side menu item.
- Programs**: Side menu item.
- Digital Results**: Side menu item.
- Extra Resources**: Side menu item.
- Write us in our chat**: Chat support button.

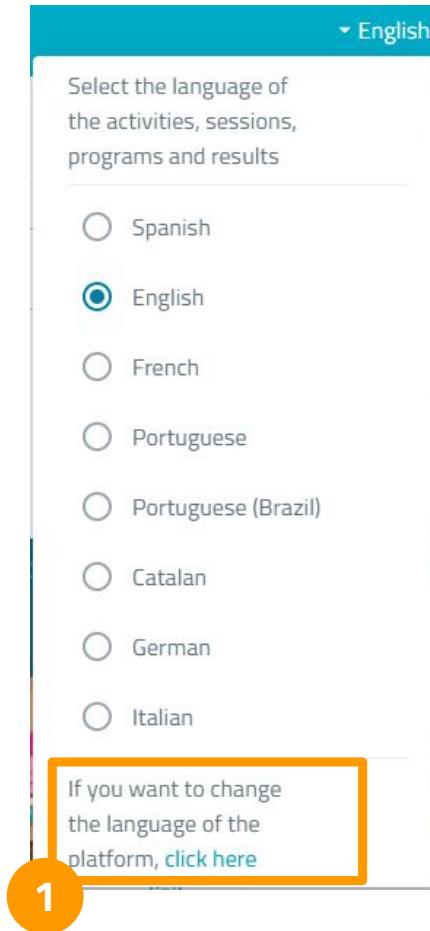
"Workspace" module

In the Workspace, the following elements are displayed:

1. Test language
2. Assessment batteries
3. Assessment tests
4. Side menu:
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



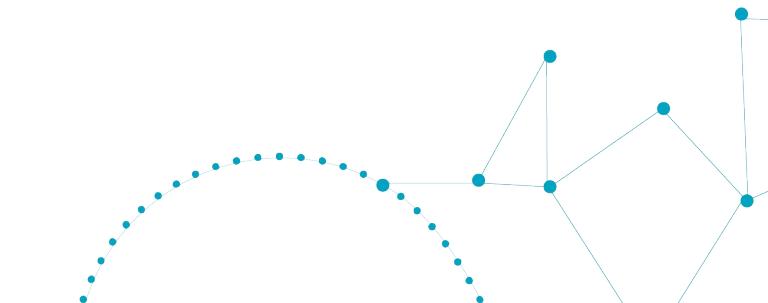
From this dropdown menu, you can change the **language of NeuronUP activities**.

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.

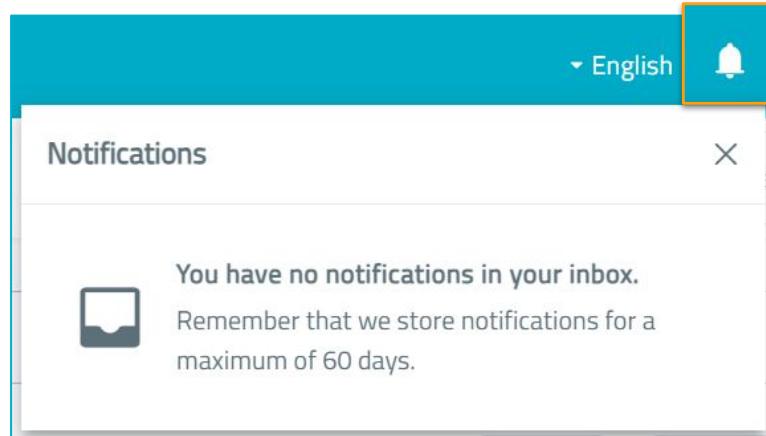
You can change the NeuronUP language:

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

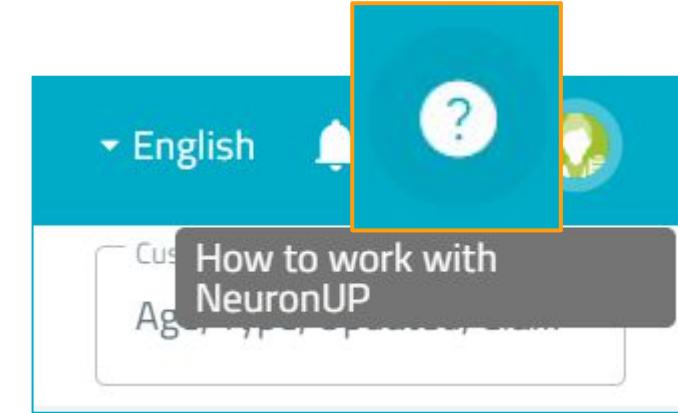


NeuronUP Working Area

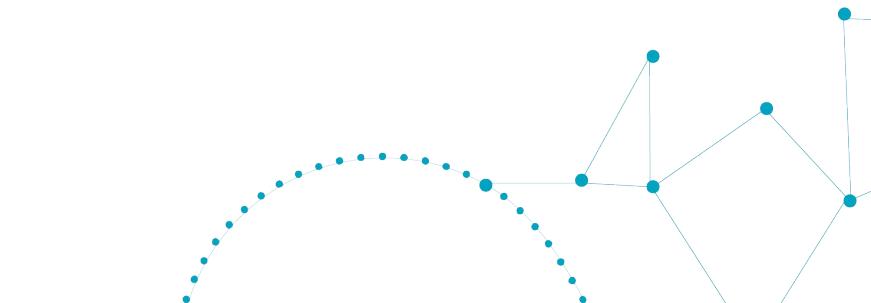
2. ACTIVITY LANGUAGE, NOTIFICATIONS, FREQUENTLY ASKED QUESTIONS, AND PROFESSIONAL PROFILE



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

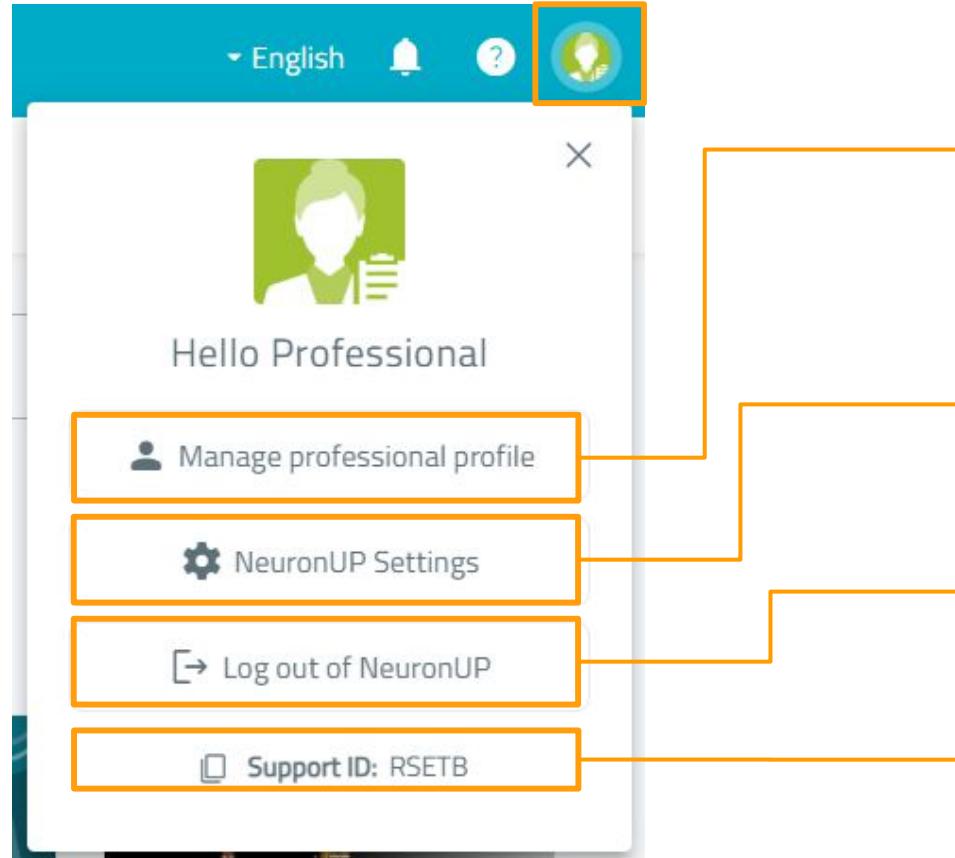


When you click the "How to Work with NeuronUP" icon, the Help Center opens <https://neuronup.us/help-center/> where you will find explanatory videos and the user manual.



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.

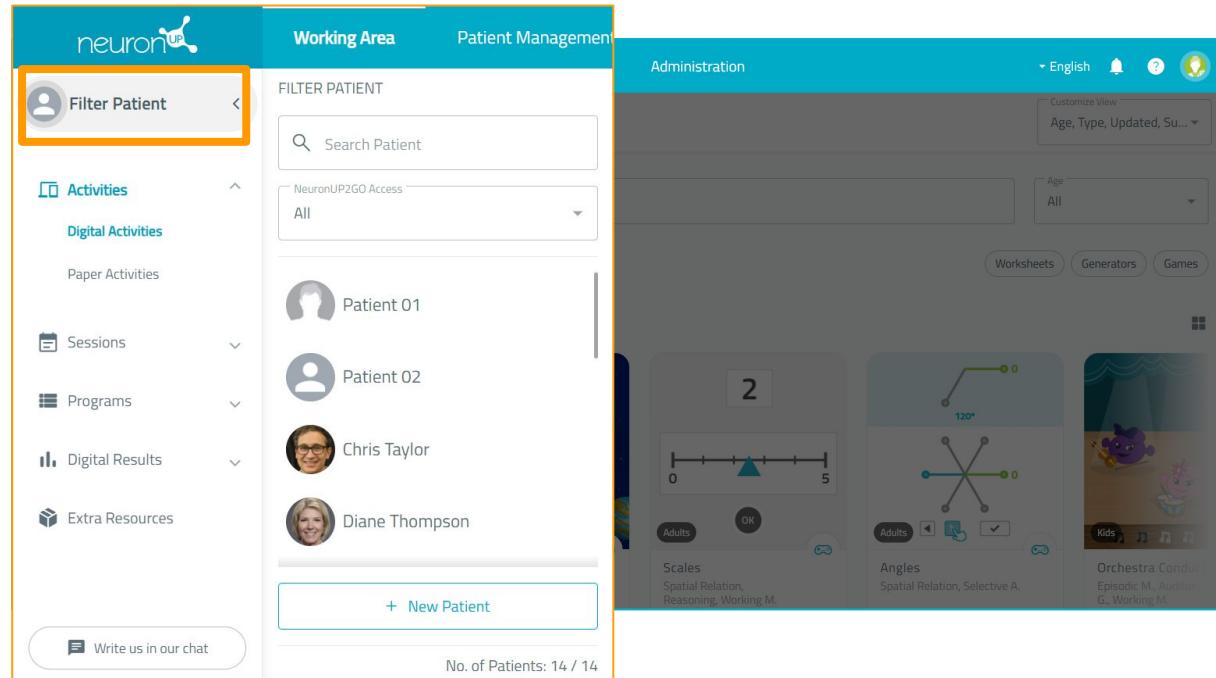
The **support identifier** helps us identify you without requiring you to provide sensitive information

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



NeuronUP Working Area

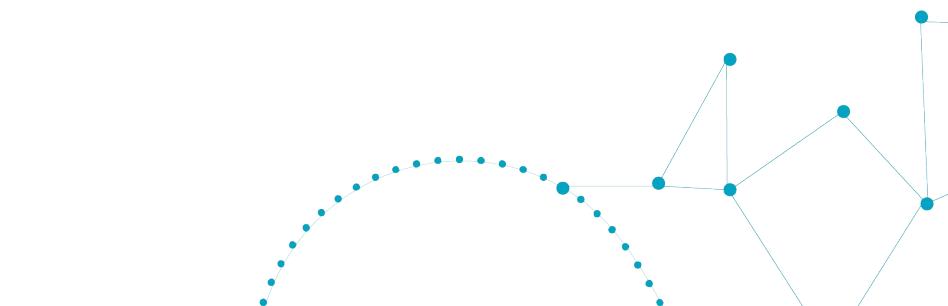
3. USER FILTER



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").



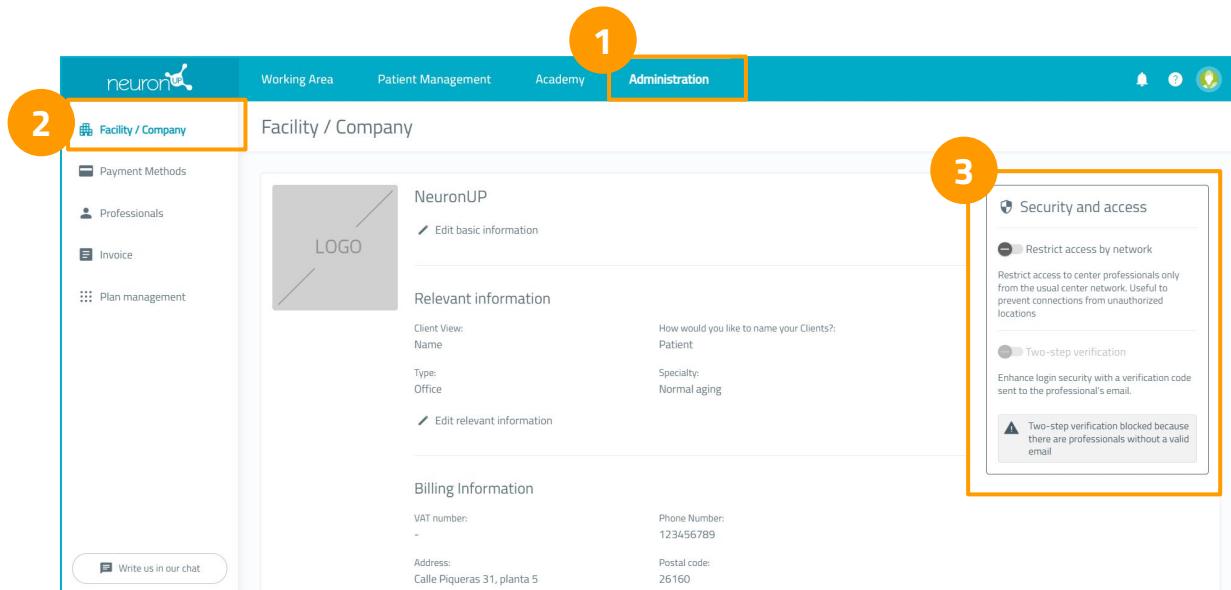
Module: Administration



Administration Module

1. FACILITY / COMPANY

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



The screenshot shows the NeuronUP Administration Module. At the top, there is a navigation bar with tabs: Working Area, Patient Management, Academy, Administration, and a bell icon. The 'Administration' tab is highlighted with an orange circle and the number '1'. Below the navigation bar, the main content area is titled 'Facility / Company'. On the left, there is a sidebar with icons for Payment Methods, Professionals, Invoice, and Plan management. The main content area displays 'NeuronUP' with a placeholder 'LOGO'. It includes sections for 'Edit basic information', 'Relevant information' (Client View: Name, Type: Office, Specialty: Normal aging), and 'Billing Information' (VAT number: -, Address: Calle Piqueras 31, planta 5, Phone Number: 123456789, Postal code: 26160). A 'Write us in our chat' button is at the bottom left. On the right, there is a 'Security and access' section with 'Restrict access by network' and 'Two-step verification' options. A note at the bottom of this section says 'Two-step verification blocked because there are professionals without a valid email'. Orange circles with numbers '2' and '3' point to the sidebar and the 'Security and access' section respectively.

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.

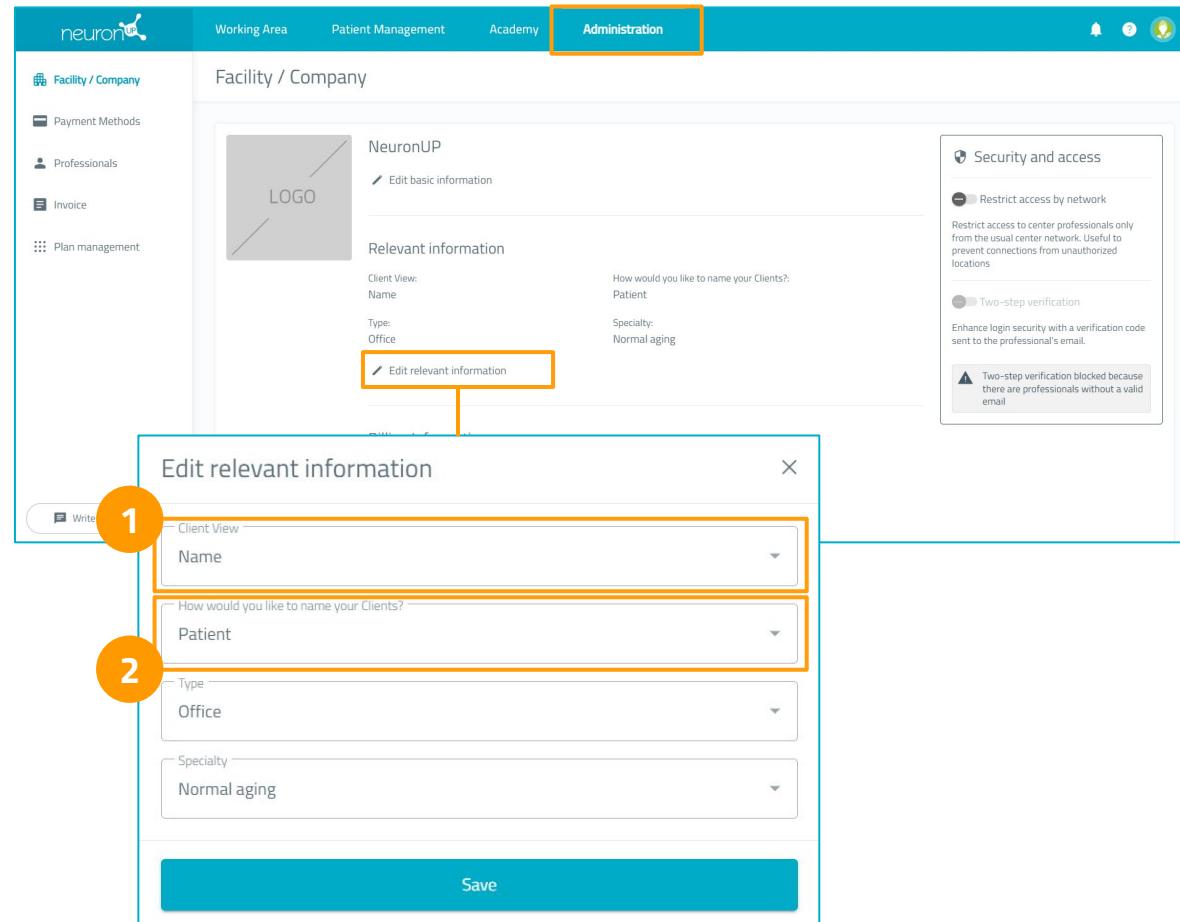


You can **strengthen access security** to NeuronUP by restricting access to a specific IP address and enabling two-step verification for your professionals (3).

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



1. **Facility / Company**

2. **Edit relevant information**

3. **Security and access**

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**.

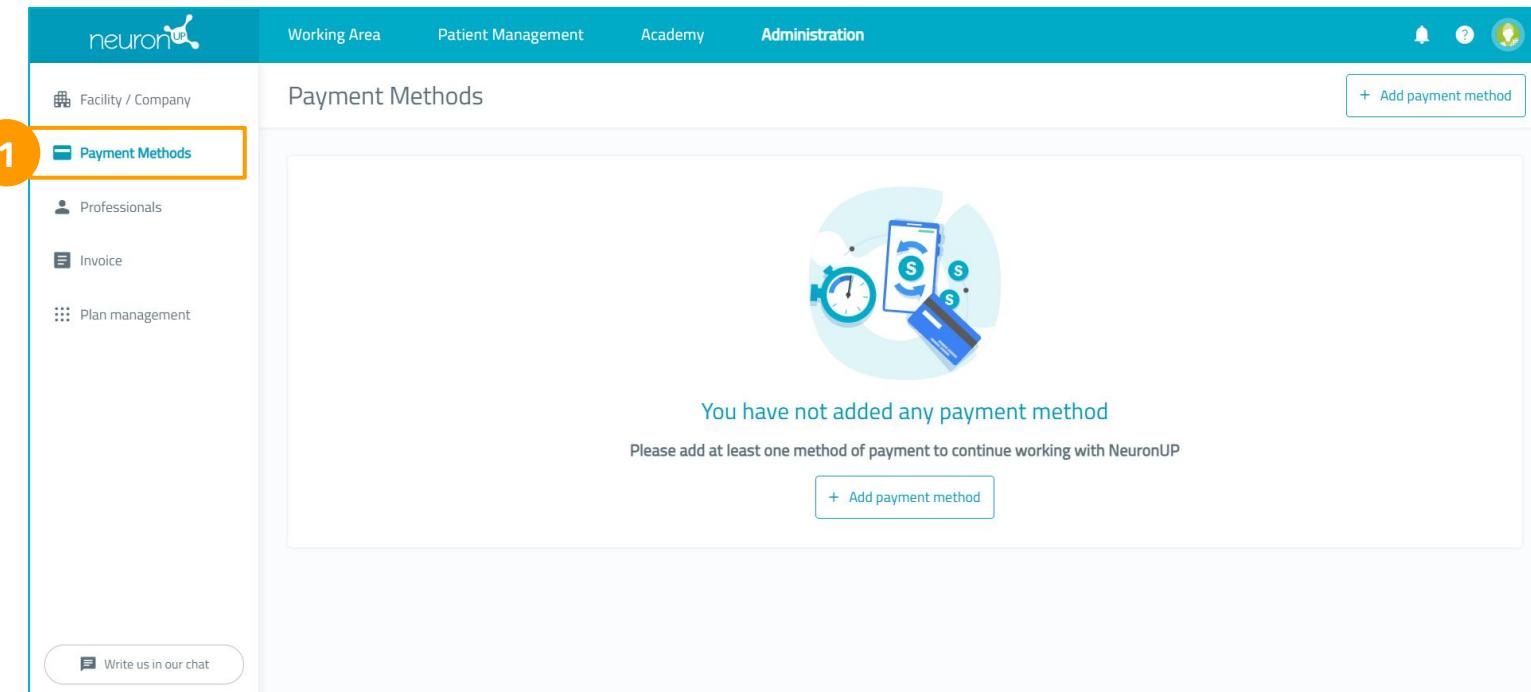


You can identify your patients (1) by:

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

Administration Module

2. PAYMENT METHODS



The screenshot shows the NeuronUP administration interface. The top navigation bar includes 'Working Area', 'Patient Management', 'Academy', 'Administration', and a notification section. The left sidebar has a 'Facility / Company' section with 'Payment Methods' (highlighted with a yellow circle), 'Professionals', 'Invoice', and 'Plan management'. The main content area is titled 'Payment Methods' and displays a placeholder image of a smartphone and a credit card. Text says 'You have not added any payment method' and 'Please add at least one method of payment to continue working with NeuronUP'. A 'Add payment method' button is at the bottom. A 'Write us in our chat' button is at the bottom left.

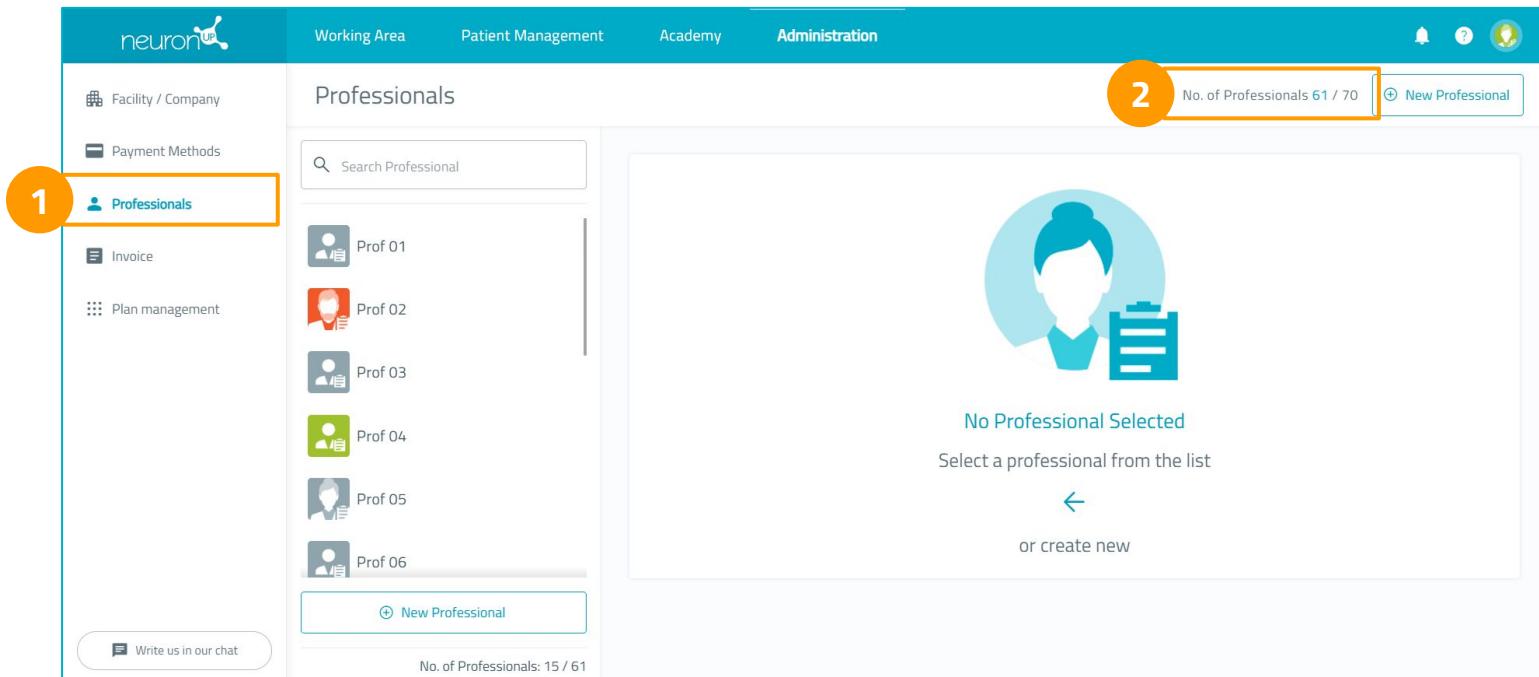
To make automatic payments, you can add the payment method that best suits your needs in this section (1).

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



The screenshot shows the 'Professionals' section of the Administration Module. On the left, a sidebar menu is visible with the following items: 'Facility / Company' (highlighted with a red box), 'Payment Methods', 'Professionals' (highlighted with a red box and a red number '1' in a circle), 'Invoice', and 'Plan management'. The main content area is titled 'Professionals' and displays a list of professionals: Prof 01, Prof 02, Prof 03, Prof 04, Prof 05, and Prof 06. Each professional is represented by a small profile icon and a name. Below the list is a search bar labeled 'Search Professional'. At the top right of the main area, there is a status indicator 'No. of Professionals 61 / 70' with a red box and a red number '2' in a circle, and a 'New Professional' button. In the center, there is a large circular placeholder image with the text 'No Professional Selected' and 'Select a professional from the list' with a back arrow, and 'or create new' below it. At the bottom left of the main area, there is a 'New Professional' button and a note 'No. of Professionals: 15 / 61'. At the bottom right, there is a 'Write us in our chat' button.

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

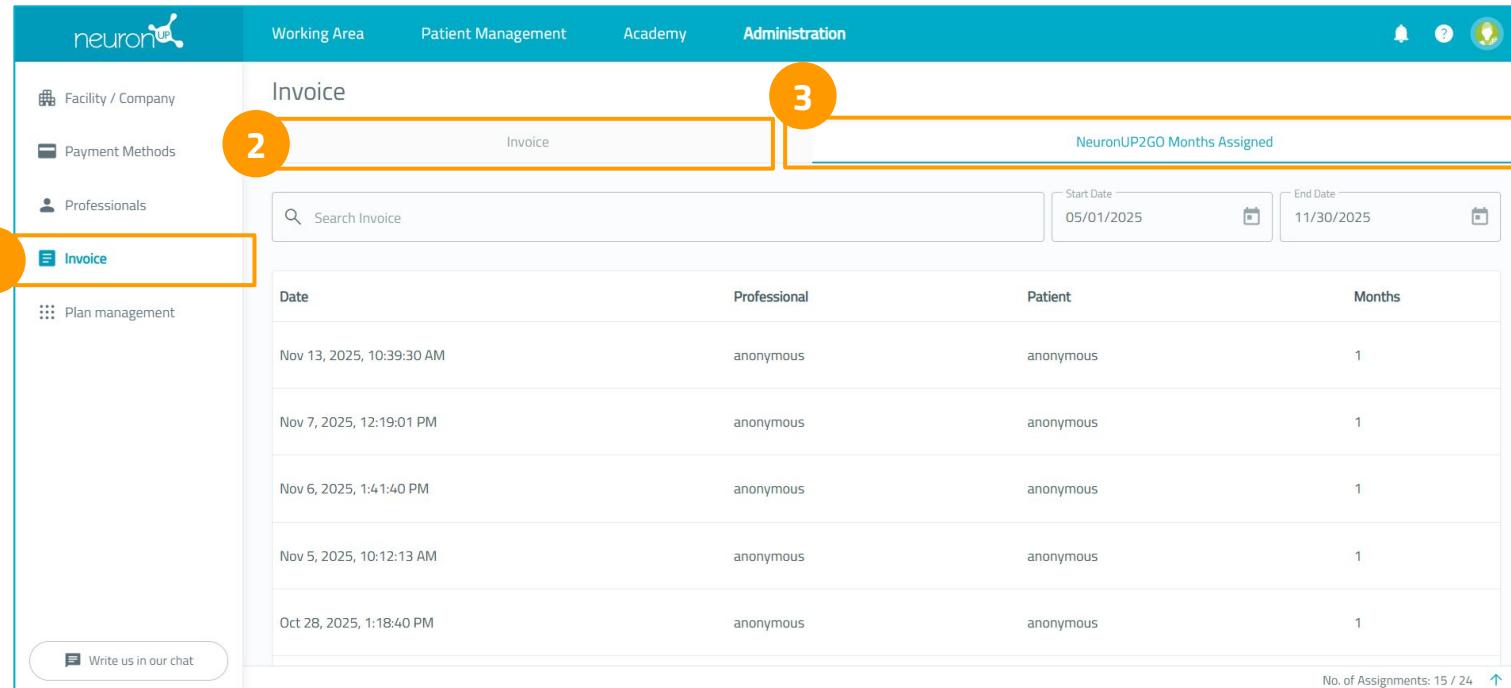
Creating independent profiles allows each professional to have their **own separate and personalized workspace**.

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



1

2

3

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

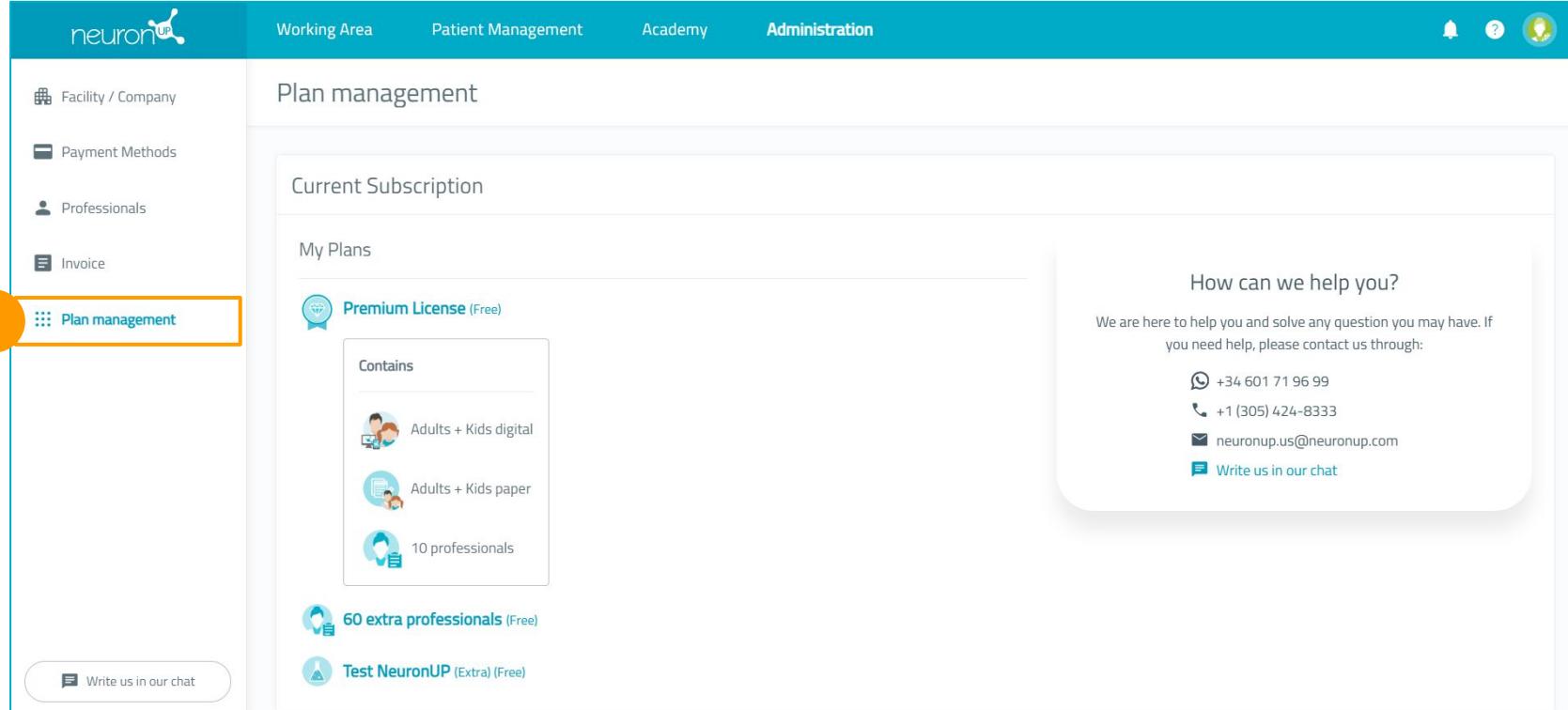
No. of Assignments: 15 / 24

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 links for Working Area, Patient Management, Academy, Administration, and a bell icon. The left sidebar has links for Facility / Company, Payment Methods, Professionals, and Invoice, with 'Plan management' highlighted by a yellow circle containing the number 1. The main content area is titled 'Plan management' and shows 'Current Subscription' and 'My Plans'. It details a 'Premium License (Free)' that 'Contains' Adults + Kids digital, Adults + Kids paper, and 10 professionals. It also mentions '60 extra professionals (Free)' and 'Test NeuronUP (Extra) (Free)'. A 'How can we help you?' section provides contact information: +34 601 71 96 99, +1 (305) 424-8333, neuronup.us@neuronup.com, and a 'Write us in our chat' button.

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

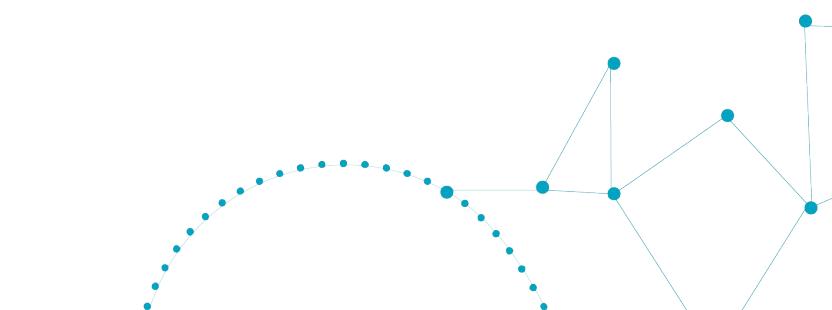
The employee profile has access to the **content needed to carry out interventions, but cannot make purchases** from the application or manage other professionals' profiles. This profile does not have access to the Administration module in NeuronUP.

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.

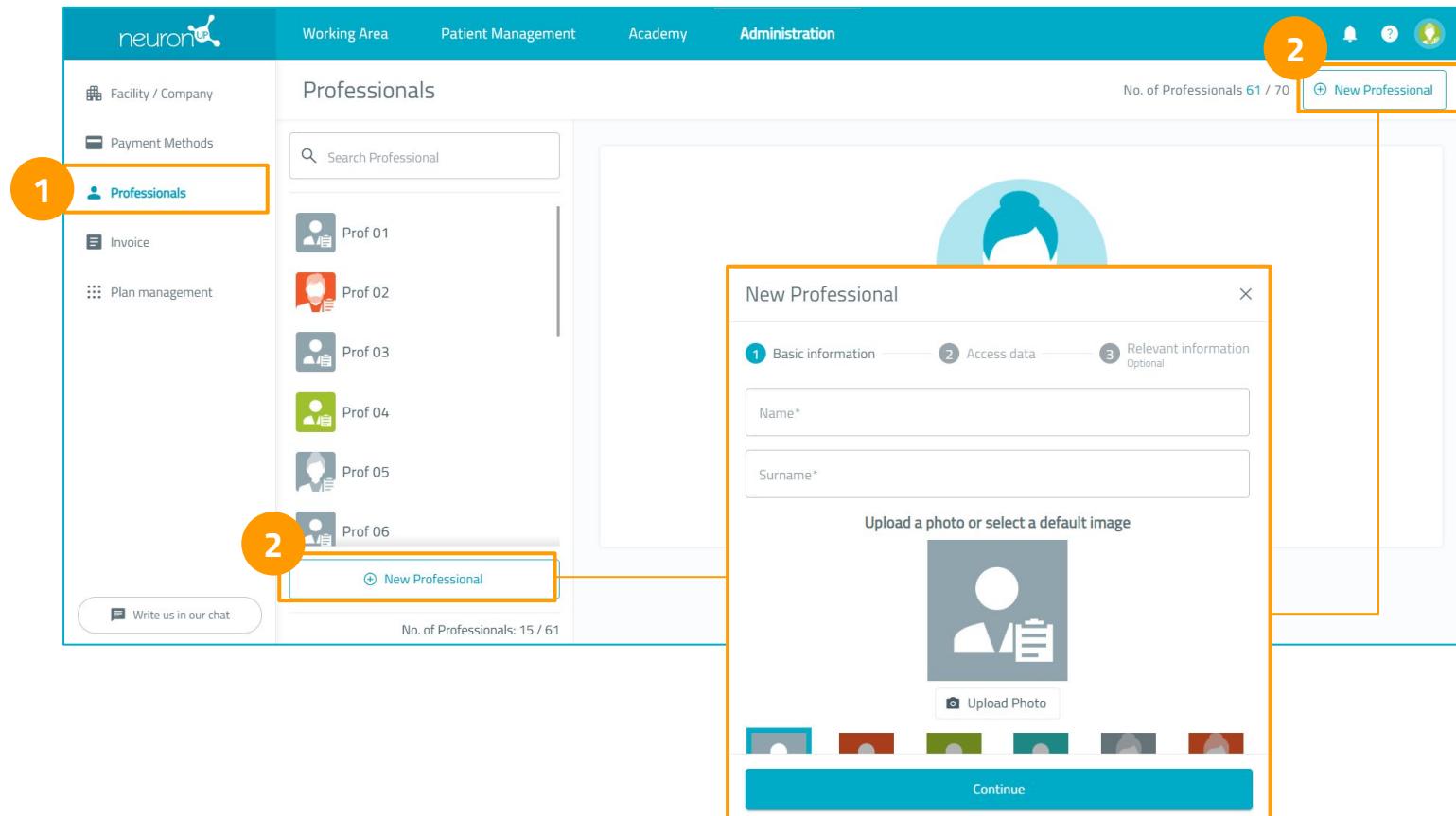
Administrator + employee

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



Administration module

CREATING A PROFESSIONAL PROFILE



The screenshot shows the Administration module interface. On the left, a sidebar menu is open, with the 'Professionals' option highlighted by a yellow circle labeled '1'. The main content area is titled 'Professionals' and shows a list of existing professionals: Prof 01, Prof 02, Prof 03, Prof 04, Prof 05, and Prof 06. Below this list is a button labeled '(+) New Professional' with a yellow circle labeled '2'. At the top right of the main area, there is a button labeled '(+) New Professional' with a yellow circle labeled '2'. A large orange box highlights the 'New Professional' dialog box, which is titled 'New Professional'. It contains three tabs: '1 Basic information', '2 Access data', and '3 Relevant information (Optional)'. The 'Basic information' tab is active, showing fields for 'Name*' and 'Surname*'. Below these fields is a placeholder text 'Upload a photo or select a default image' with a preview of a default profile picture and a 'Upload Photo' button. At the bottom of the dialog is a 'Continue' button.

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 shows the neuronup software interface. The top navigation bar includes 'Working Area', 'Patient Management', 'Academy', and 'Administration'. The 'Administration' tab is active. On the left, a sidebar lists 'Facility / Company', 'Payment Methods', 'Professionals' (which is highlighted with a yellow circle labeled '1'), 'Invoice', and 'Plan management'. Below the sidebar, a message 'Write us in our chat' is visible. The main content area is titled 'Professionals' and shows a list of professionals: 'Prof 01', 'Prof 02', 'Prof 03', 'Prof 04', 'Prof 05', and 'Prof 06'. A 'New Professional' button is at the bottom. The text 'No. of Professionals: 61 / 61' is displayed. On the right, a professional profile for 'Prof 02' is shown with a 'Last Access: Oct 13, 2025, 10:55:13 AM'. It includes sections for 'Edit basic information', 'Relevant information' (Specialty: -, Phone Number: -), 'Access data' (E-mail: alberto.ortego@neuronup.com, Password: *****, Change Access Information), and 'Permissions' (Administrator, Superuser). A 'Delete Professional' button is also present. A modal window titled 'Patients' is open, showing a list of patients: '2011B4 -', '345678', and '45.25'. A search bar and a 'Save' button are at the bottom of the modal. The text 'No. of Patients: 15 / 406' is displayed. A '+' button is located at the bottom right of the 'Patients' list.

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.

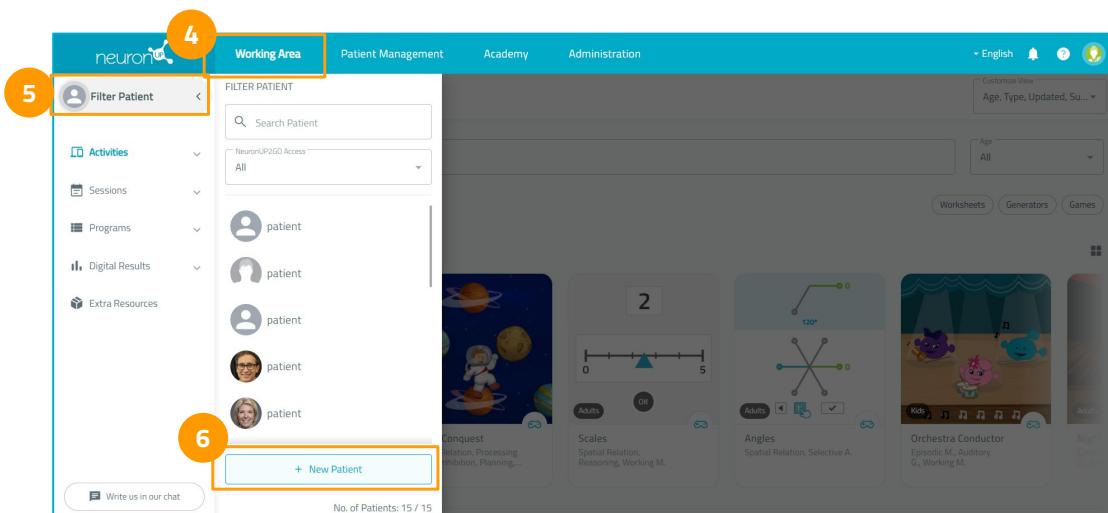
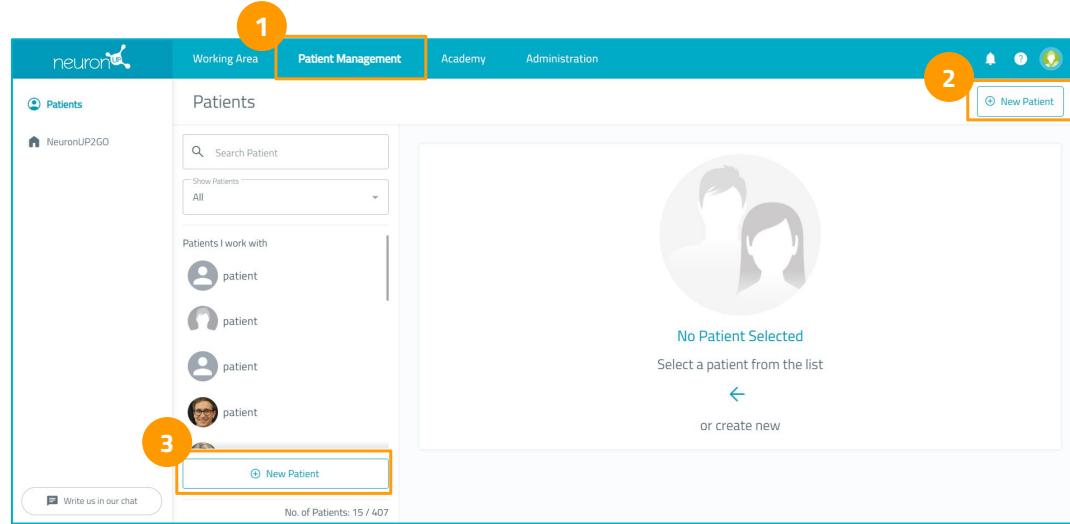
All professionals in the facility have access to all patients.

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

New Patient X

1 Basic information 2 Diagnosis Optional 3 Relevant information Optional

Name*

Surname*

Upload a photo or select a default image





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 X

1 Basic information 2 Diagnosis 3 Relevant information

2 Diagnosis Optional

Write Here...

1 Add Diagnosis

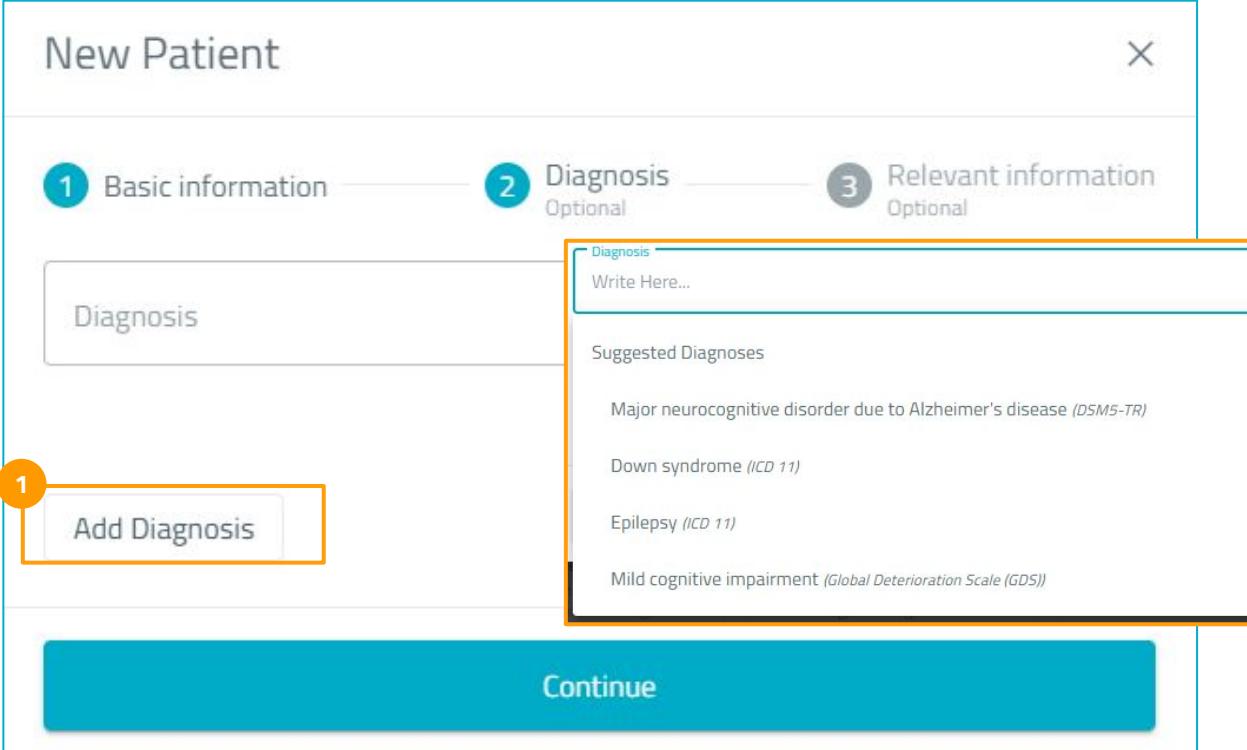
Diagnosis

3 Relevant information Optional

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)*)

Continue



Step 2. Diagnosis:

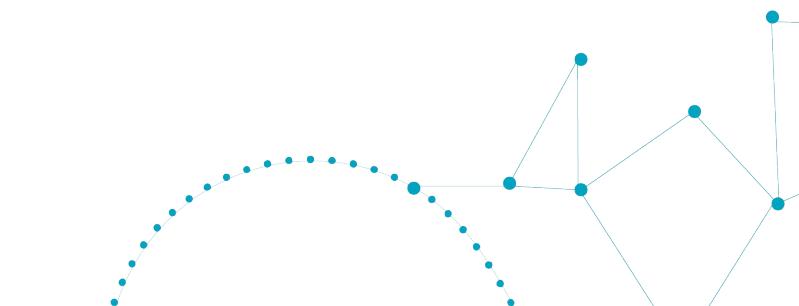
NeuronUP offers an extensive list of diagnoses within the platform.

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 X

1 Basic information 2 Diagnosis
Optional 3 Relevant information
Optional

Gender	Country of residence
Birthdate	Native language
Education	Dominant hand

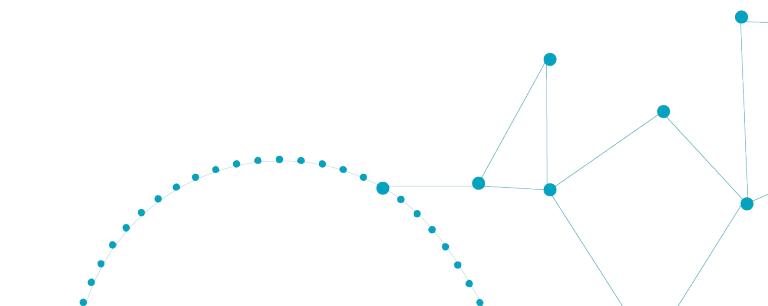
Finish

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

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 as a measure of...

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...

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 square appears...

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 hand.

Open test

Spatial Working Memory Test 1-back
Working M, Processing Speed, Spatial Rotation

The 1-back task is a working memory test in which the participant must indicate whether the current location matches the one presented immediately before. It assesses the ability to maintain recently perceived...

Open test

Spatial Working Memory Test 2-back
Working M, Processing Speed, Spatial Rotation

The 2-back task is a working memory test in which the participant must indicate whether the current spatial location matches the one presented two positions earlier. It assesses the ability to retain visuospatial...

Open test

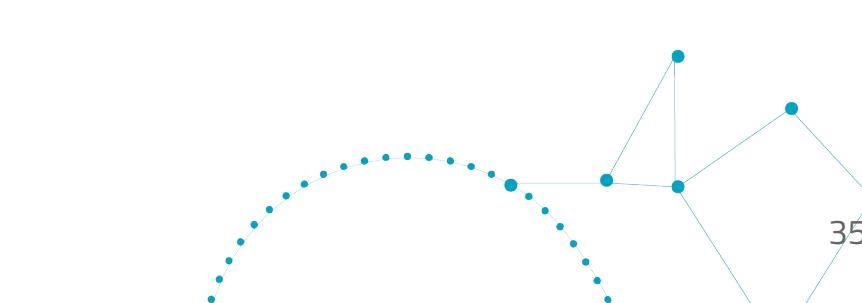
To start a test, go to the "Assessment tests" section (1).

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.

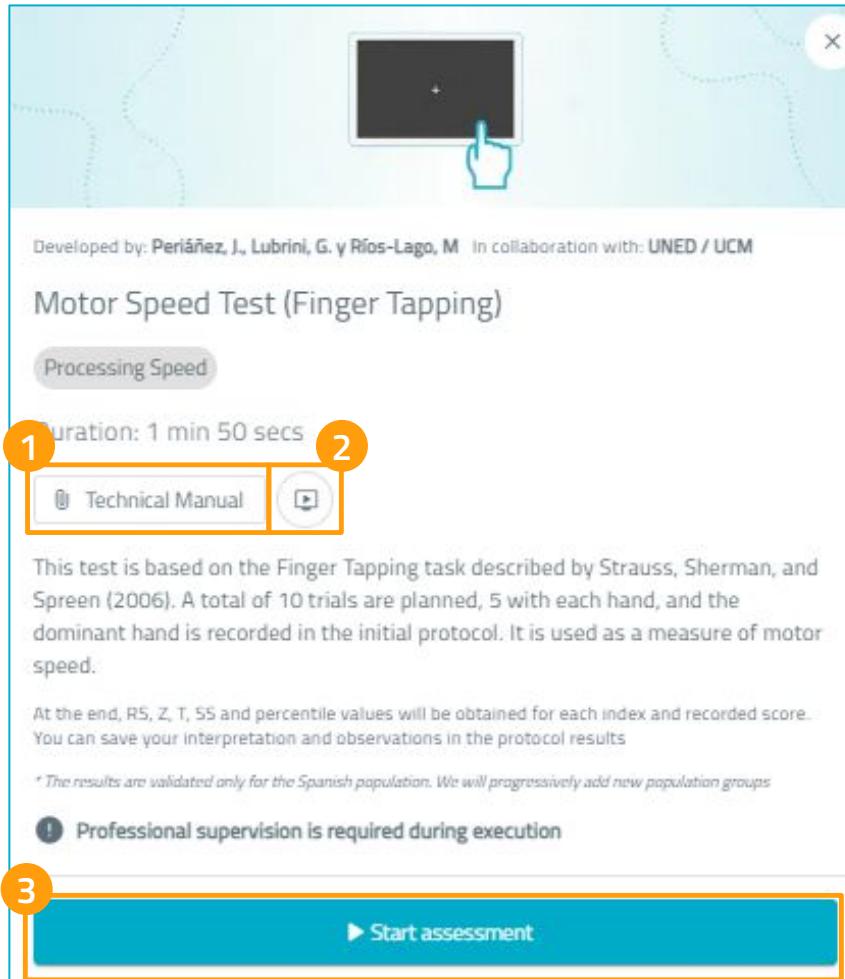
Select the test you want to run and click the "**Open test**" button (3) to start administering it.



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

3 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)

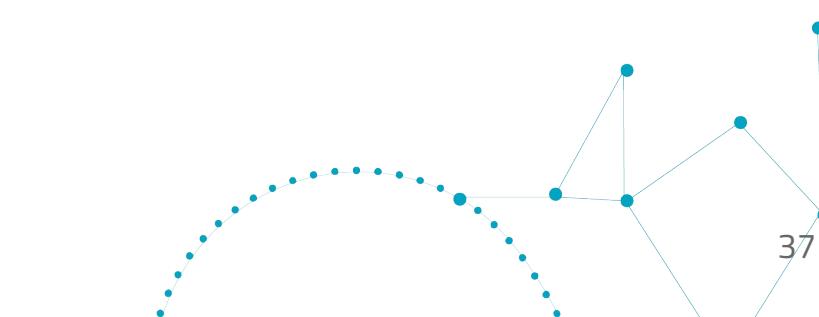
1 2 3 4 5 6 7

Continue

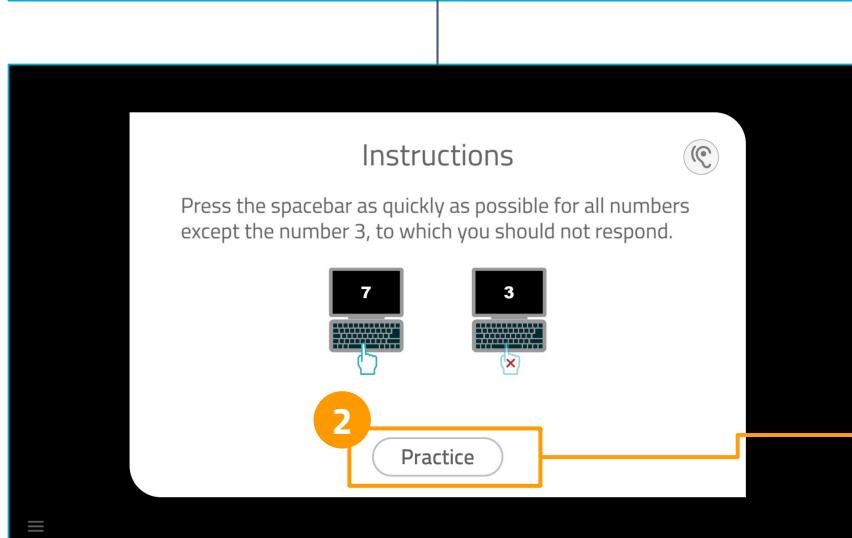
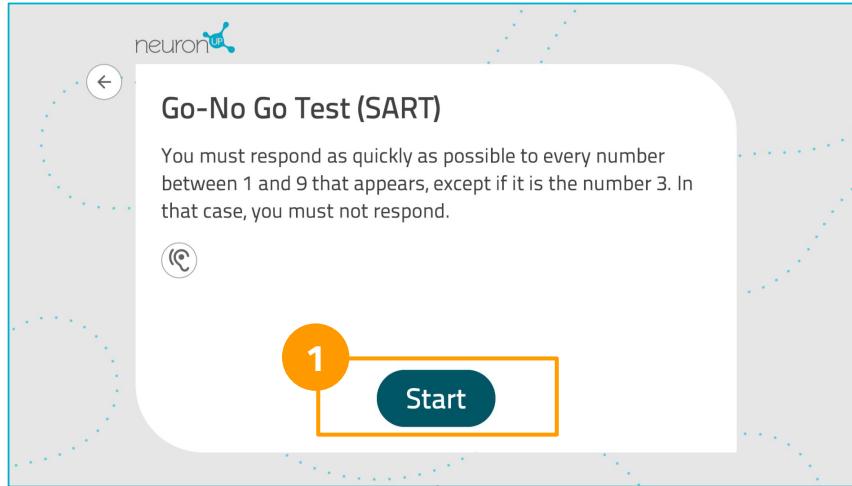
Before starting the selected test, a pre-assessment form will appear. In this form, select how you will **interact with the application during the test** (1).

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

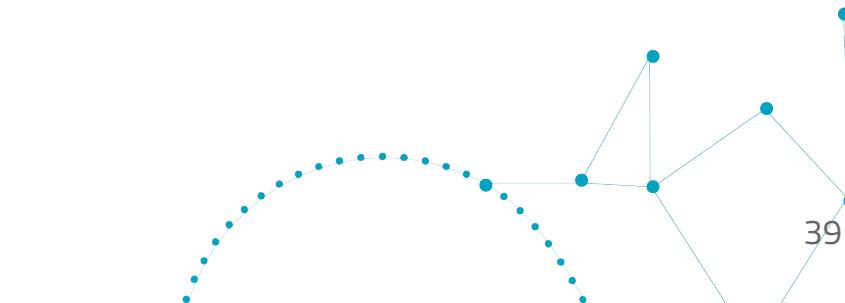
The image shows a screenshot of a digital interface for an evaluation test. At the top, a teal-colored box displays a green checkmark icon and the text "Very good!" followed by "You finished." Below this, a large orange button labeled "Continue" is highlighted with a yellow border and a number "1" in a circle. A vertical orange line connects this button to a "Post-assessment form" window. The "Post-assessment form" window has a light blue header and contains the following text:
"Assessment of 'André Ferreira' with 'Go-No Go Test (SART)'"
"Please complete the following questions. This will help us provide reliable indexes"
Below this, there are two sections with rating scales:
1. "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)"
A horizontal row of seven circles numbered 1 to 7, with the fourth circle containing a checkmark.
2. "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)"
A horizontal row of seven circles numbered 1 to 7, with the fourth circle containing a checkmark.
At the bottom of the "Post-assessment form" window is a large teal-colored button labeled "Continue", which is also highlighted with a yellow border and a number "2" in a circle.

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

Assessment batteries

Periláez, J., Lubrini, G. y Ríos-Lago, M. SPAIN (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, reaction times, and motor fatigue. 30 mins 20 secs 10 tests Open battery

Periláez, J., Lubrini, G. y Ríos-Lago, M. Perceptual-Motor Speed Battery (SPAIN-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

Periláez, J., Lubrini, G. y Ríos-Lago, M. Working Memory Battery (SPAIN-WM) Working M., Processing Speed, Spatial Relation 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 min 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 square, with the right hand if a circle, and with the middle finger if a triangle. 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

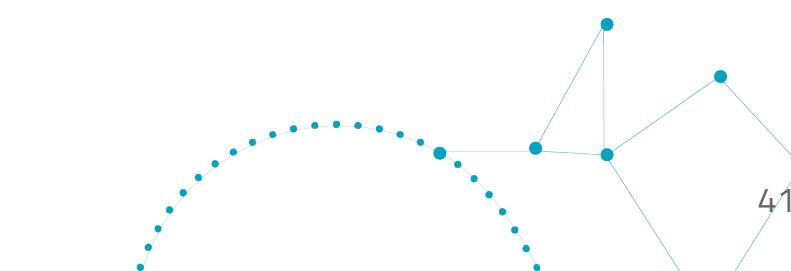
Visual Search Test with Interference Inhibition, Selective A., Processing Speed This task is inspired by one of Neisser's paradigms (1964). It consists of responding with the left hand when the stimulus (a string of six letters) contains the letter 'Z'. Otherwise, respond with the right... 4 min Open test

Write us in our chat

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

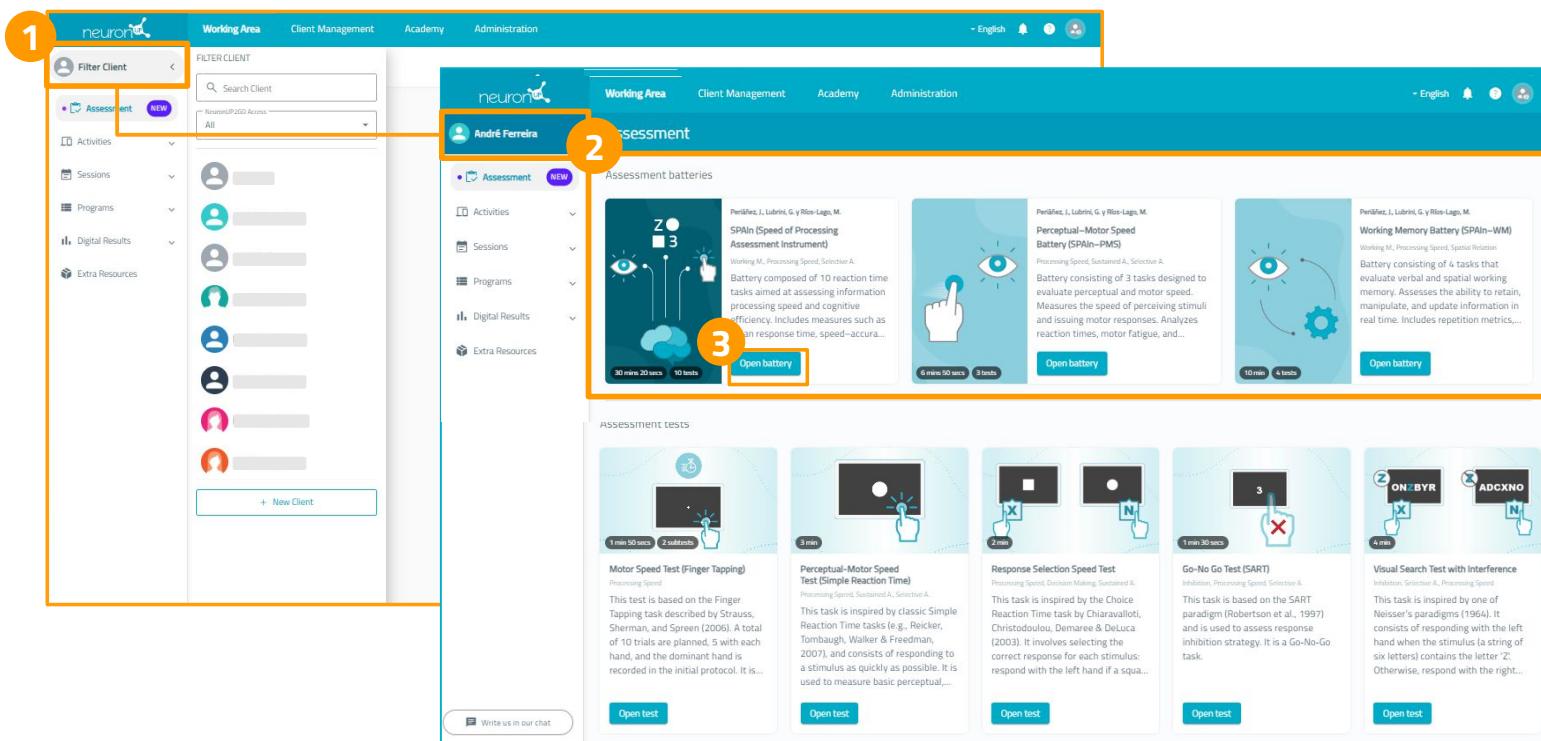


Assessment batteries must be administered under the supervision of a professional.
Remember to review the battery to ensure it is appropriate for your user.



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

Working Area Client Management Academy Administration English André Ferreira Assessment Activities Sessions Programs Digital Results Extra Resources

Assessment batteries

Periáñez, J., Lubrini, G. y Ríos-Lago, M. SPAIN (Speed of Processing Assessment Instrument) Working M., Processing Speed, Selective A. 10 tasks, 30 mins. 10 tests. Includes measures such as mean response time, speed-accuracy trade-off, and restart cost.

Periáñez, J., Lubrini, G. y Ríos-Lago, M. Perceptual-Motor Speed Battery (SPAIN-PMS) Working M., Processing Speed, Selective A. 6 mins 30 secs. 6 tests. Measures the speed of perceiving stimuli and issuing motor responses. Analyzes reaction times, motor fatigue, and...

Periáñez, J., Lubrini, G. y Ríos-Lago, M. Working Memory Battery (SPAIN-WM) Working M., Processing Speed, Spatial Attention 10 mins. 4 tests. Battery consisting of 4 tasks that measure working memory. Assess the ability to retain, manipulate, and update information in real time. Includes repetition metrics,...

Assessment tests

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

Perceptual-Motor Speed Test (Simple Reaction Time) Response Speed 3 mins. 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...

Response Selection Test (Selective Attention) Response Speed 2 mins. This task is inspired by classic Selective Attention tasks (e.g., Christoffel et al., 2003). It requires the participant to respond to correct responses and ignore distractors.

Write us in our chat

1 Open battery

2 Technical Manual

3 Continue assessment

Developed by: Periáñez, J., Lubrini, G. y Ríos-Lago, M. In collaboration with: UNED, UCM SPAIN (Speed of Processing Assessment Instrument) Working M., Processing Speed, Selective A. Duration: 30 mins 20 secs

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.

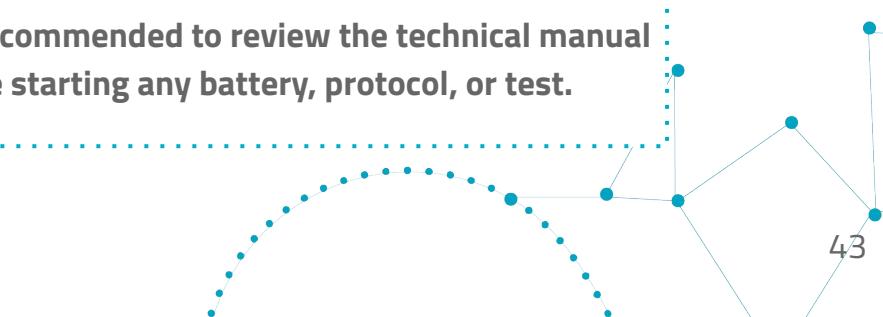
Professional supervision is required during execution

Once you click the “Open battery” (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.

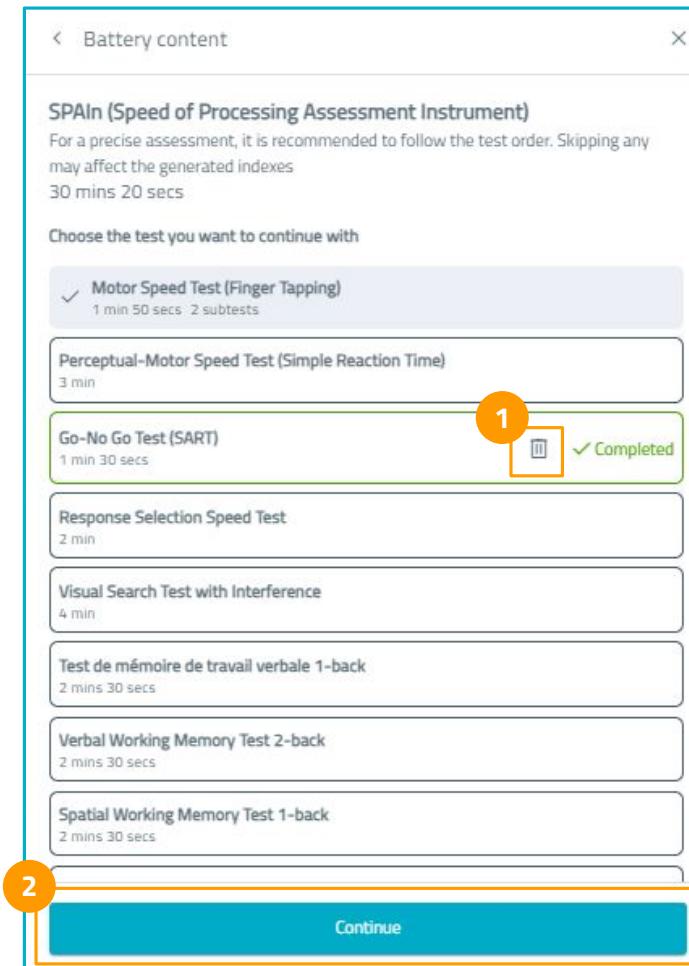


It is recommended to review the technical manual before starting any battery, protocol, or test.



Assessment batteries

1. START AN ASSESSMENT BATTERY

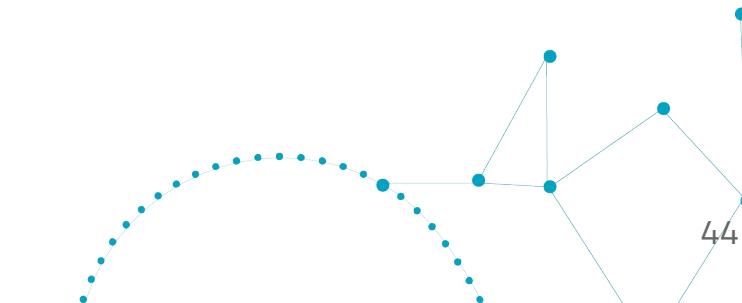


A second screen will appear showing the battery contents.

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

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

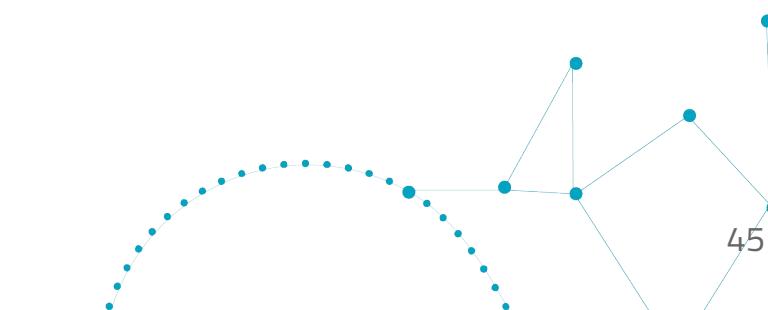
3 Continue

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

In this form, you will be asked to:

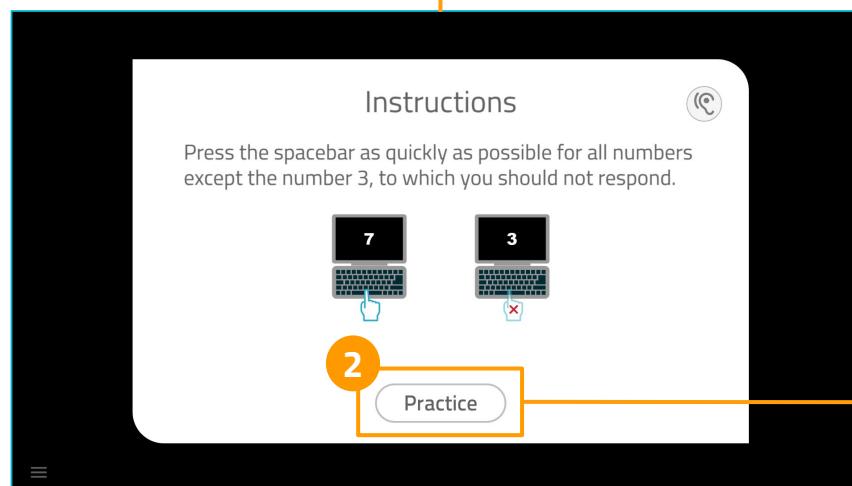
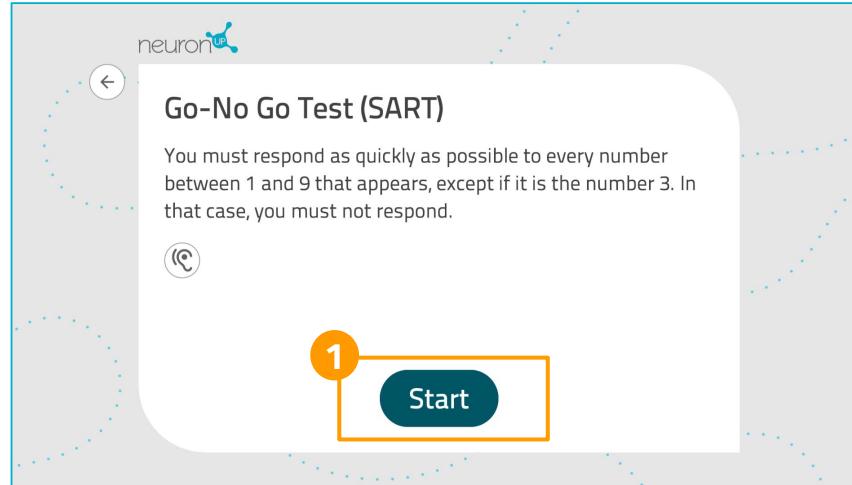
- select **how you will interact with the application** during the test (1),
- using the scales from 1 (very poor) to 7 (very good), indicate the **user's mood** and how they **slept last night** (2).

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



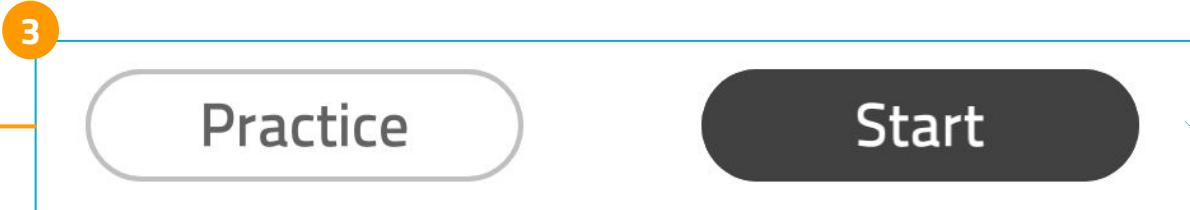
Assessment batteries

3. TESTS WITHIN THE ASSESSMENT BATTERY



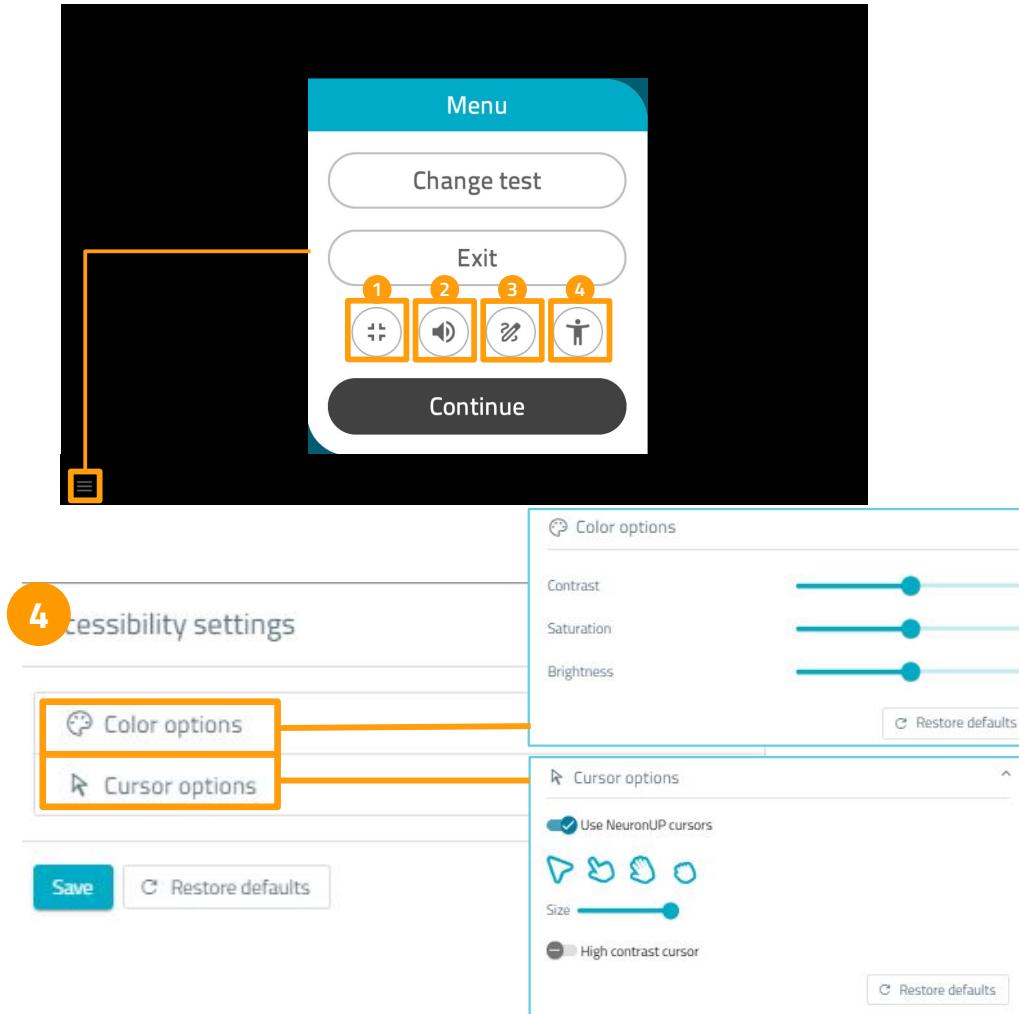
When starting a test, the screen with the corresponding test information will appear. Once you have read the instructions, click the **"Start"** button (1).

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

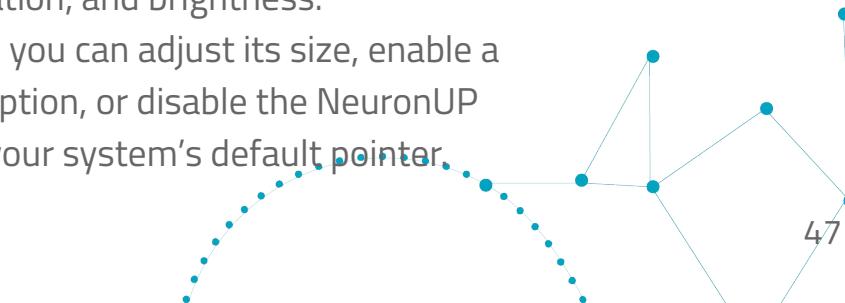


Within a test

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

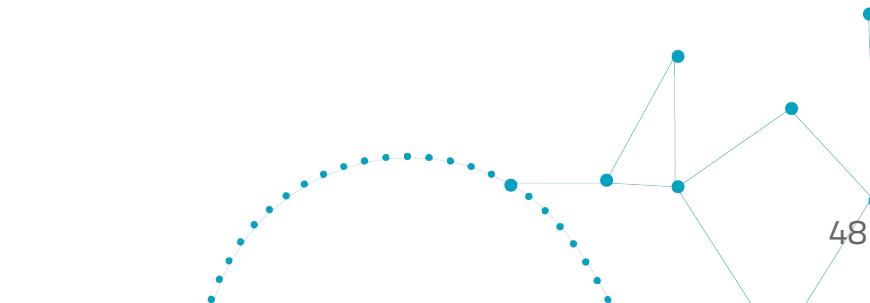
2 Continue

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

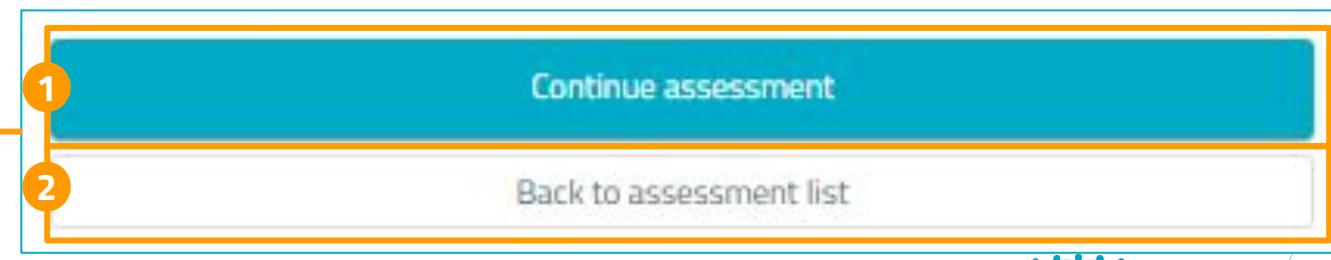
- Motor Speed Test (Finger Tapping)
1 min 50 secs. 2 subtests
- Perceptual-Motor Speed Test (Simple Reaction Time)
3 min
- Go-No Go Test (SART)
1 min 30 secs ✓ Completed
- Response Selection Speed Test
2 min
- Visual Search Test with Interference
4 min
- Test de mémoire de travail verbale 1-back
2 mins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



Assessment batteries

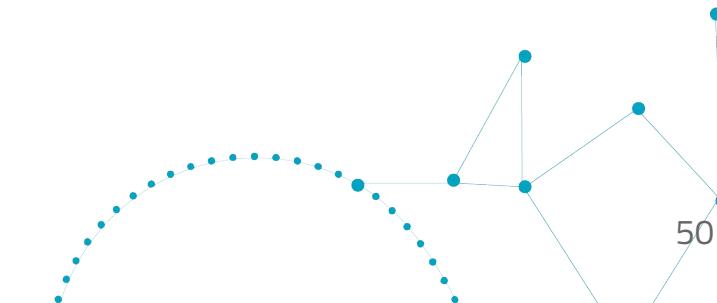


When you return to the home screen, a banner will appear at the top showing the protocol that is currently active.

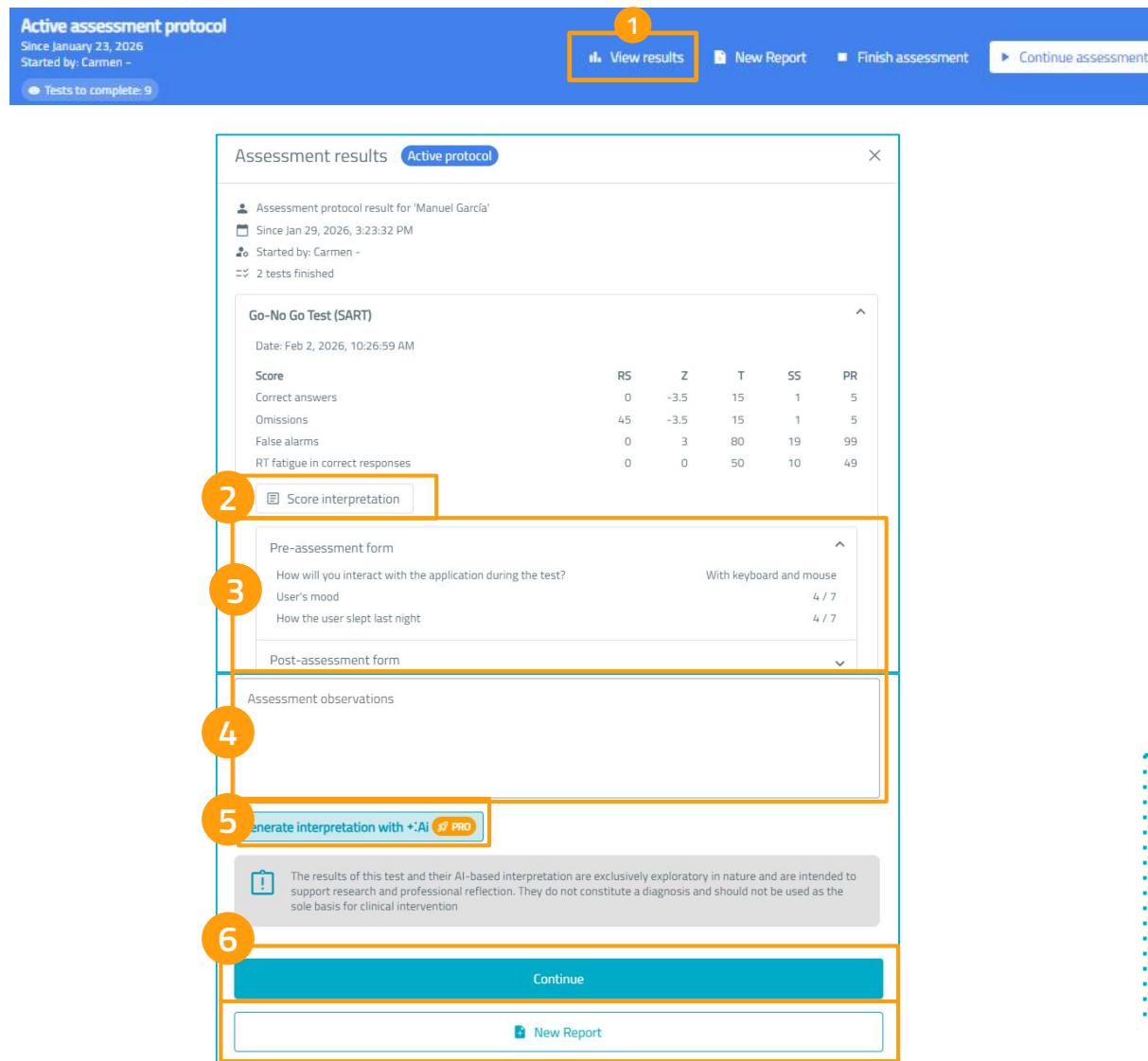
From this panel, you can:

- **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



The screenshot shows the 'Active assessment protocol' interface. At the top, there are buttons for 'View results' (1), 'New Report', 'Finish assessment', and 'Continue assessment'. Below this, a summary box shows 'Assessment results' for 'Active protocol'. It includes details like the protocol result for 'Manuel Garcia', the date 'Since Jan 29, 2026, 3:23:32 PM', and 'Started by: Carmen'. It also shows '2 tests finished'. The main content area displays the 'Go-No Go Test (SART)' results table:

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

Below the table, there are sections for 'Score interpretation' (2), 'Pre-assessment form' (3), 'Assessment observations' (4), 'Generate interpretation with +Ai PRO' (5), and 'Continue' (6) and 'New Report' buttons at the bottom.

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



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).

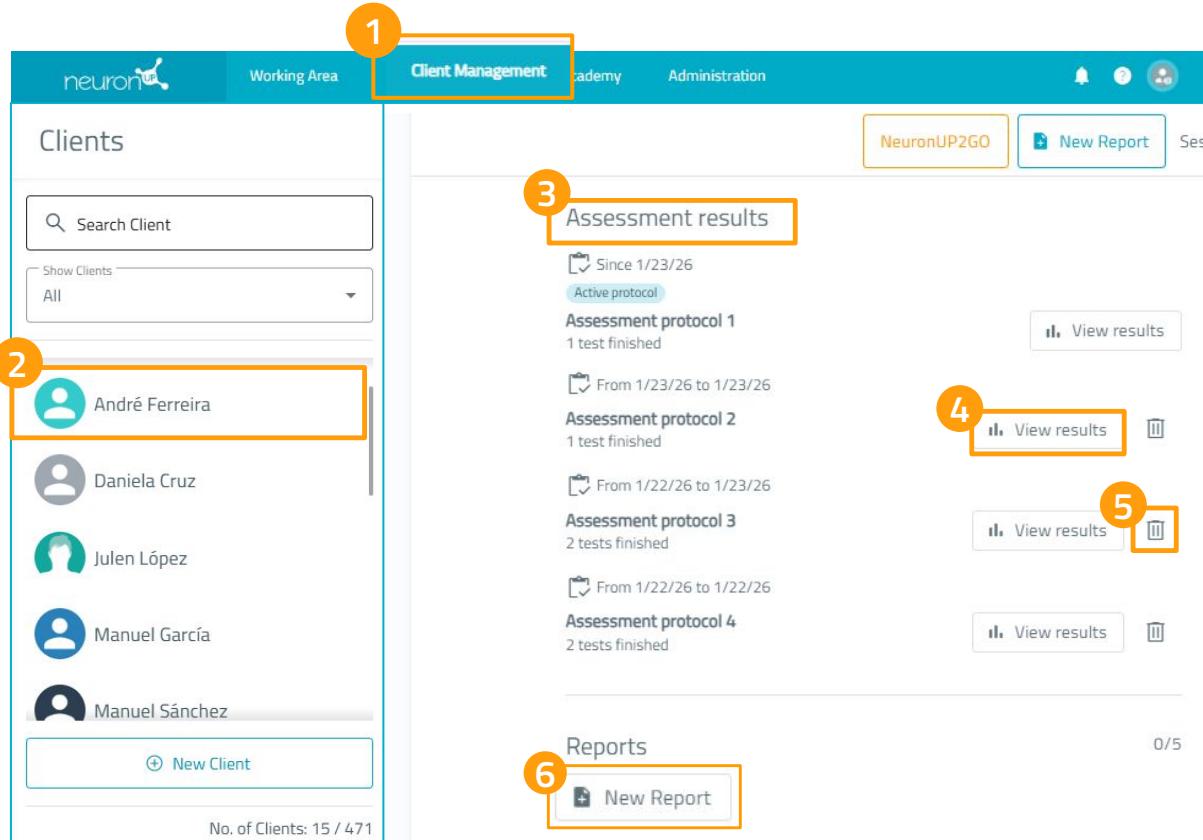
The evaluation protocol can be started in two ways:

- 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 'Client Management' section of the neuronUP software. The top navigation bar includes 'Working Area', 'Client Management' (which is highlighted with an orange box and a circled '1'), 'Academy', 'Administration', and a notification bell. Below the navigation is a search bar for 'Clients' and a dropdown for 'Show Clients' (set to 'All'). A list of clients is displayed, with 'André Ferreira' highlighted by an orange box and circled '2'. The main content area is titled 'Assessment results' (circled '3') and shows four completed assessment protocols. Each protocol has a 'View results' button (circled '4') and a delete icon (circled '5'). At the bottom, there is a 'Reports' section with a 'New Report' button (circled '6'). The bottom right corner of the interface shows a progress bar with the number '54'.

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 'Client Management' section of the neuronUP platform. At the top, there are tabs for 'Working Area', 'Client Management' (which is highlighted with an orange box and a circled '1'), 'Academy', and 'Administration'. Below these are buttons for 'NeuronUP2GO', 'New Report', and 'Session'. On the left, a sidebar lists clients: André Ferreira (highlighted with an orange box and circled '2'), Daniela Cruz, Julen López, Manuel García, and Manuel Sánchez. Below the sidebar is a 'New Client' button and a client count 'No. of Clients: 15 / 471'. The main content area is titled 'Assessment results' and shows four protocols: 'Assessment protocol 1' (1 test finished), 'Assessment protocol 2' (1 test finished), 'Assessment protocol 3' (2 tests finished), and 'Assessment protocol 4' (2 tests finished). Each protocol has a 'View results' button and a trash icon. At the bottom of this section is a 'Reports' button with a circled '3' and a 'New Report' button with a circled '4'. The bottom of the page has a blue footer with buttons: 'Ver resultados', 'Nuevo informe' (highlighted with an orange box and circled '4'), 'Finalizar evaluación', and 'Continuar evaluación'.

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.

Protocolo de evaluación activo

Desde 8 de enero de 2026

Iniciado por: Carmen -

Test por completar: 9

4

Nuevo informe

Finalizar evaluación

Continuar evaluación

Reports

New Report x

1 Anamnesis 2 Content 3 Functions 4 Conclusions

Basic information:

1 Report Date 01/23/2026 Calendar icon 2 Report Name* 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.

4 Conclusions* (This section is currently empty.)

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

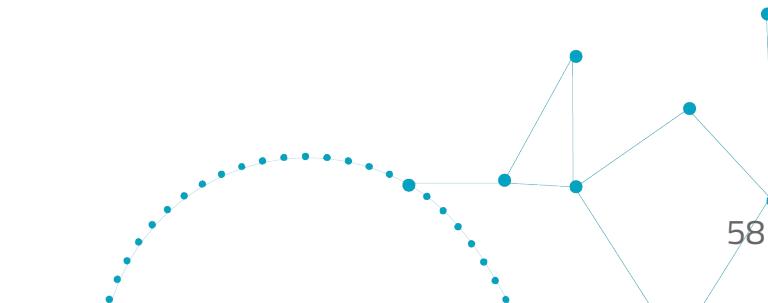
The screenshot shows the 'Content' section of the 'New Report' interface. The 'Assessment results' section is highlighted with an orange box and numbered 1 through 7. Number 1 points to the 'Active protocol' checkbox. Number 2 points to the 'Interval' dropdown set to 'Last 3 Months'. Number 3 points to the 'Group By' dropdown set to 'Day'. Number 4 points to the checked 'Number of activities worked, days worked, hours worked' checkbox. Number 5 points to the checked 'Show impact of cognitive functions on the score' checkbox. Number 6 points to the unchecked 'Treatments' checkbox. Number 7 points to the unchecked 'Include suggested activities' checkbox. 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

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

Orientation Include in the report Score of Orientation: 50

Attention Include in the report Score of Attention: 12

Continue

1 Anamnesis 2 Content 3 Functions 4 Conclusions 5 6 7

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.

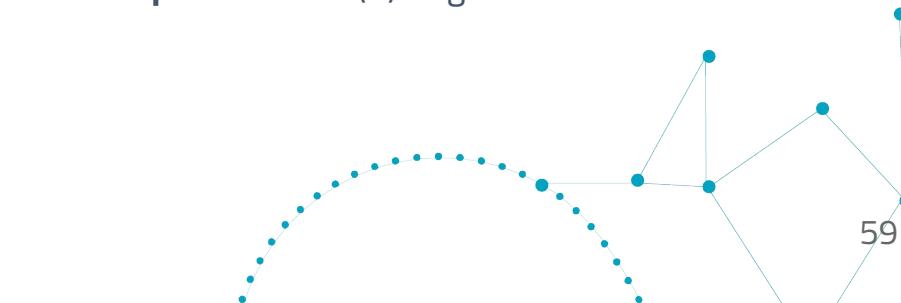
In the **analysis panel** (1), you can add a new entry and choose whether to include it in the report (2).

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/>

