

NUBE

User Guide

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Contents

-
- > What is StarStim Home?
 - > NUBE Main Screen
-

What is StarStim Home?

-
- > **StarStim Home** allows you to safely carry out your stimulation sessions with remote scheduling and monitoring by your doctor through the Neuroelectrics cloud system (NUBE).
-
- > Starstim Home includes a Starstim system (cap and stimulator), and a laptop running the Starstim software: NIC Home.
 - > You will need an internet connection in your home in order to use NIC Home.
-

StarStim Home System

StarStim Software (NIC Home)



Internet

NUBE



StarStim

Patient



Doctor

NUBE Icons

NUBE Basic icons that are used in all pages



Save



Duplicate



Edit



Delete



Search



New

Log into NUBE

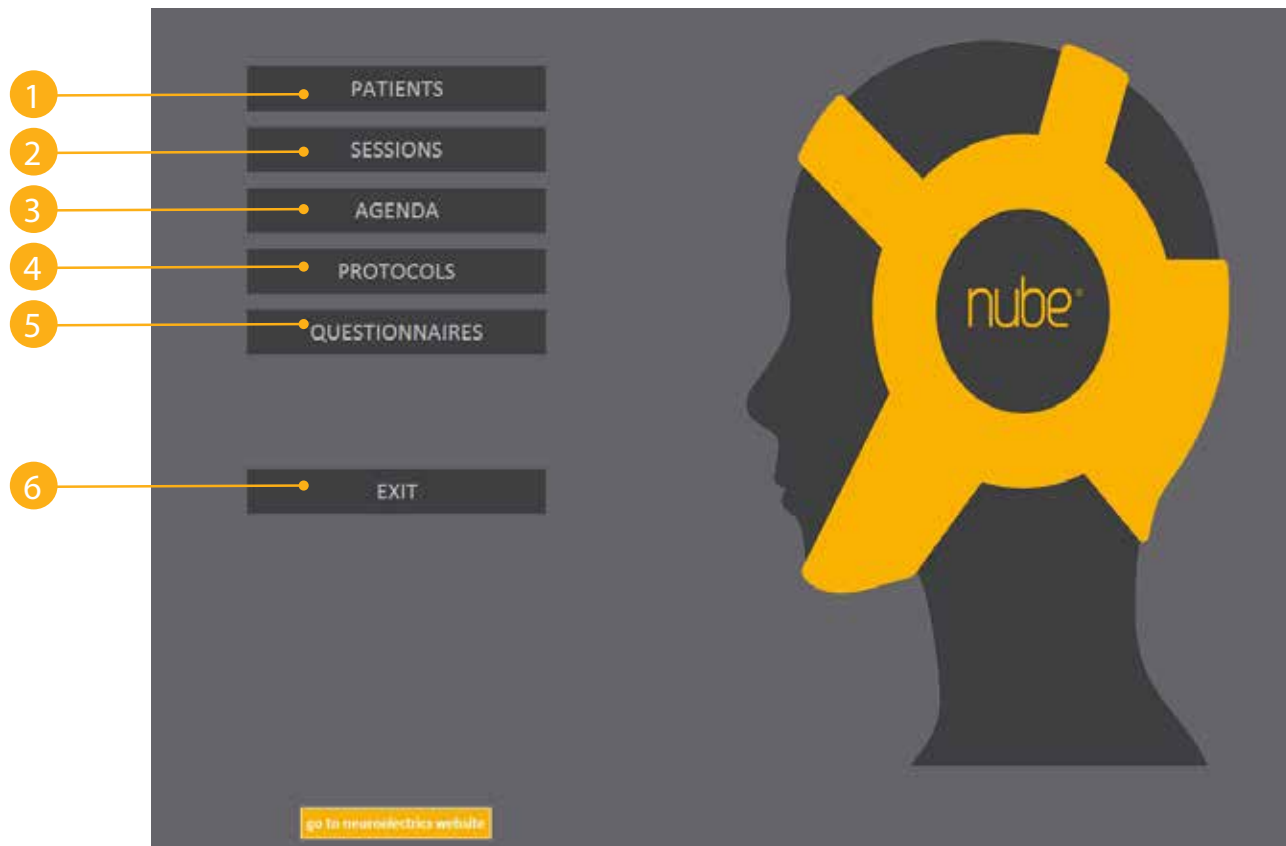
> When the doctor To use the NUBE web system, the user has to log in to the page using the provided credentials



1 User and password assigned to the doctor or institution

Main Page

- > The main page shows the basic operations that can be done using the NUBE system
- > The



- 1 Patient Management: the patients can be created, modified and their sessions can be listed
- 2 Sessions: stimulation sessions can be assigned to the patients
- 3 Agenda: list of all the sessions that the doctor or institution has generated (done or pending) for a given date
- 4 Protocols management: the protocols for the user can be generated or modified
- 5 Questionnaires: create or manage questionnaires that can be assigned to a protocol
- 6 Exit: return to the login page

Patient Management

- > If your device has already been paired, it will be automatically selected for you.
- > Make sure your Starstim device is on and near the computer.
- > An orange indicator will light up once Starstim connects with your computer. It should stay lit up during the entire session.

PATIENT MANAGEMENT

Patient Data

Patient Code: Pacient

Date of Birth: 08/07/2013

Pathology:

Pathology2:

Pathology3:

Gender: Male

Age: 23

SESSION LIST

Protocol	Duration	Date	Status	Delete	Duplicate
Migrane Study	20:00	03-06-2014	■	🗑️	📄
Migrane Study	20:00	04-06-2014	■	🗑️	📄
Migrane Study	20:00	06-06-2014	■	🗑️	📄
Migrane Study	20:00	09-06-2014	■	🗑️	📄
Migrane Study	20:00	11-06-2014	■	🗑️	📄

- 1 Patient Data
- 2 Patient sessions list

Sessions

- > After entering the Sessions page, the user should choose:
 - > The patient that should receive the session
 - > The protocol to be used
-
- > A single session can be generated or several sessions between a given interval at the selected days of the week
-

CREATE A SESSION

Session Configuration

Patient code: Patient01

Protocol Name: Protocol Migraine 01

Description: Stimulation Anodal tACS 100.0mA 10.0Hz Fp2/C3, C4

Creation Date: 09/05/2014

Execution Date: [Date Picker]

Interval Start Date: [Date Picker]

Interval End Date: [Date Picker]

Monday [] Tuesday [] Wednesday [] Thursday [] Friday [] Saturday [] Sunday []

tDCS tACS tBNS Advanced

Pre-EEG Time (hh:mm:ss): 00:00:00

Stimulation Time (mm:ss): 01:10

Post-EEG Time (hh:mm:ss): 00:00:00

Ramp-up Time (Sec): 5

Ramp-down Time (Sec): 5

Channel	Position	Type
1	Fp2	Stimulation Anodal
2	C3	Return
3	C4	Return

2

-
- 1 Patient Data
 - 2 Protocol Information
-

Agenda

- > The agenda page, shows the sessions pending or done for logged doctor
- > It allows for a list for the current day, week or month or for a selected interval of dates
- > The color indicated the status of the session (green for completed, yellow for pending, red for interrupted)

1

The screenshot shows the 'SESSIONS LIST' interface. At the top, there is a search section with 'SEARCH BY EXECUTION DATE' containing 'Date Init' and 'Date End' fields, and 'SEARCH BY PERIOD' with radio buttons for 'Today', 'This week', and 'This month'. Below this is a table with columns: Patient code, Execution Date, Status, and Delete. The table contains 15 rows of session data. A sidebar on the left has menu items: PATIENTS, SESSIONS, AGENDA (highlighted), PROTOCOLS, and QUESTIONNAIRES. A yellow callout '1' points to the 'Date End' field, and a yellow callout '2' points to the bottom of the table.

Patient code	Execution Date	Status	Delete
PA02	01/09/2014	Green	Trash icon
PA02	01/09/2014	Green	Trash icon
PA01	01/09/2014	Green	Trash icon
PA02	03/09/2014	Green	Trash icon
PA01	03/09/2014	Red	Trash icon
PA01	03/09/2014	Green	Trash icon
PA01	05/09/2014	Green	Trash icon
PA01	05/09/2014	Yellow	Trash icon
PA01	05/09/2014	Yellow	Trash icon
PA01	05/09/2014	Yellow	Trash icon
PA01	08/09/2014	Yellow	Trash icon
PA02	08/09/2014	Yellow	Trash icon
PA01	08/09/2014	Yellow	Trash icon
PA01	08/09/2014	Yellow	Trash icon

1 Date selection

2 Session list

2

Protocols

- > The user can here edit the protocol with the same parameters that are configured in NIC as well as the questionnaires that can be assigned
- > It is recommended to use protocols that have been tested un NIC previously

The screenshot shows the 'Protocol Data' configuration window. Callout 1 points to the 'Name' field (Protocol Pain 01) and the 'Description' field (Stimulation Anodal tDCS 100.0mA AF7/Fpz, T7). Callout 2 points to the 'Stimulation' type dropdown (Anodal). Callout 3 points to the 'Stimulation Duration' field (00:20). Callout 4 points to the 'Pre Associated Questionnaire' dropdown (Question 2). Callout 5 points to the 'EEG PRE-STIM' field (00:00:00). Callout 6 points to the 'EEG POST-STIM' field (00:00:00). Callout 7 points to the 'Ramp Down [Sec]' field (7).

Ch	Position	Type	Stimulation parameters:
1	AF7	Stimulation Anodal	Amp(uA): 200
2	Fpz	Return	Stimulation Return Percentage: 51
3	T7	Return	Stimulation Return Percentage: 49
4			
5			
6			
7			
8			

- 1 Protocol name and description
- 2 Type of Stimulation
- 3 Stimulation Duration
- 4 Questionnaire selection
- 5 Channel configuration
- 6 Pre / Post EEG time
- 7 Ramp up/down time

Questionnaires

- > For each session, a pre and post questionnaire can be configured, which will appear at the start or end of the session as a new window.
- > The Questionnaire can be configured from the NUBE platform for each protocol.
- > Three types of questions are possible: Text questions, Yes\No questions and scale questions (with adjustable min\Max)

CREATE NEW QUESTIONNAIRE

QUESTIONNAIRE

Name: Questions Pre

Public: No

QUESTIONS

Question 1

Question: This is a text Question

Question Type: Text

Question 2

Question: This is a Yes/No question

Question Type: Yes/No

Question 3

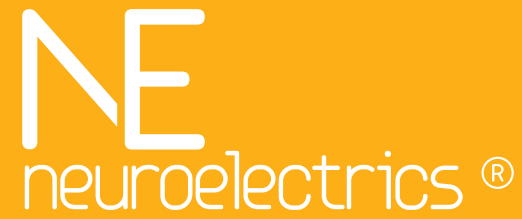
Question: This is a scale question

Question Type: Scale

Scale Min Value: 0

Scale Max Value: 10

- 1 Questionnaire Name
- 2 Text Question
- 3 Yes\No Question
- 4 Scale question



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