



S&Go Series

QUICK GUIDE



www.sibelmed.com

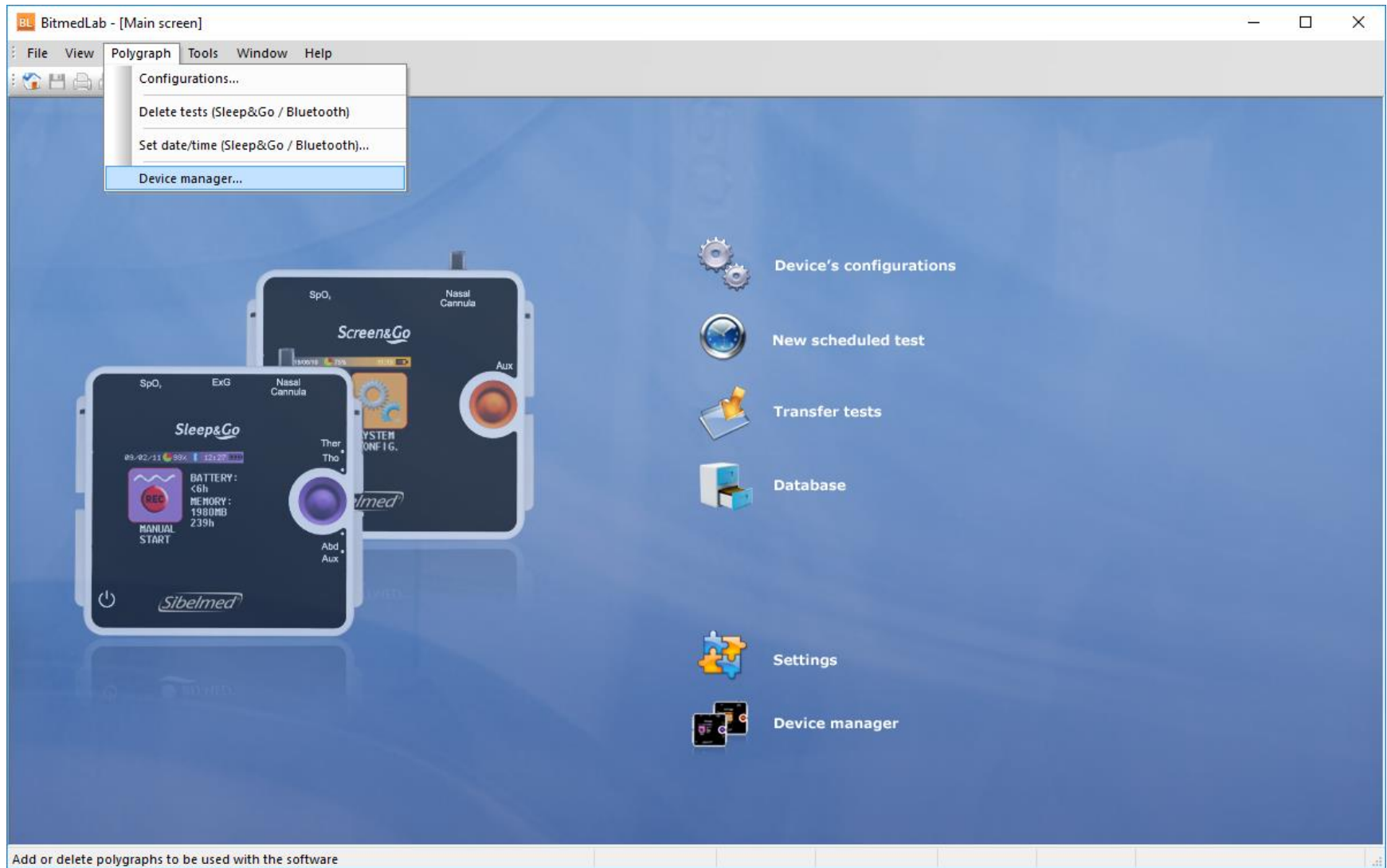
INDEX

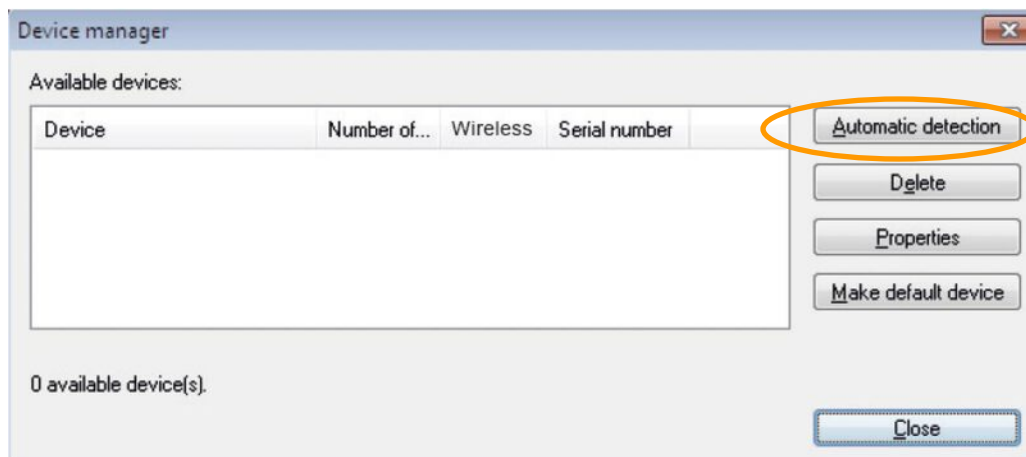
(Quick Guide for Ambulatory Recording)

- 1- Link the S&GO and BitmedLab
- 2- S&GO Configuration
- 3- New Scheduled Test
- 4- Transfer of Tests
- 5- Automatic Analysis
- 6- Manual Analysis and Test Review
(Options, Events, Customizable Keys)
- 7- Test Report
- 8- Database Management



1- Link S&Go and Bitmed Lab





Detection via
Wireless :

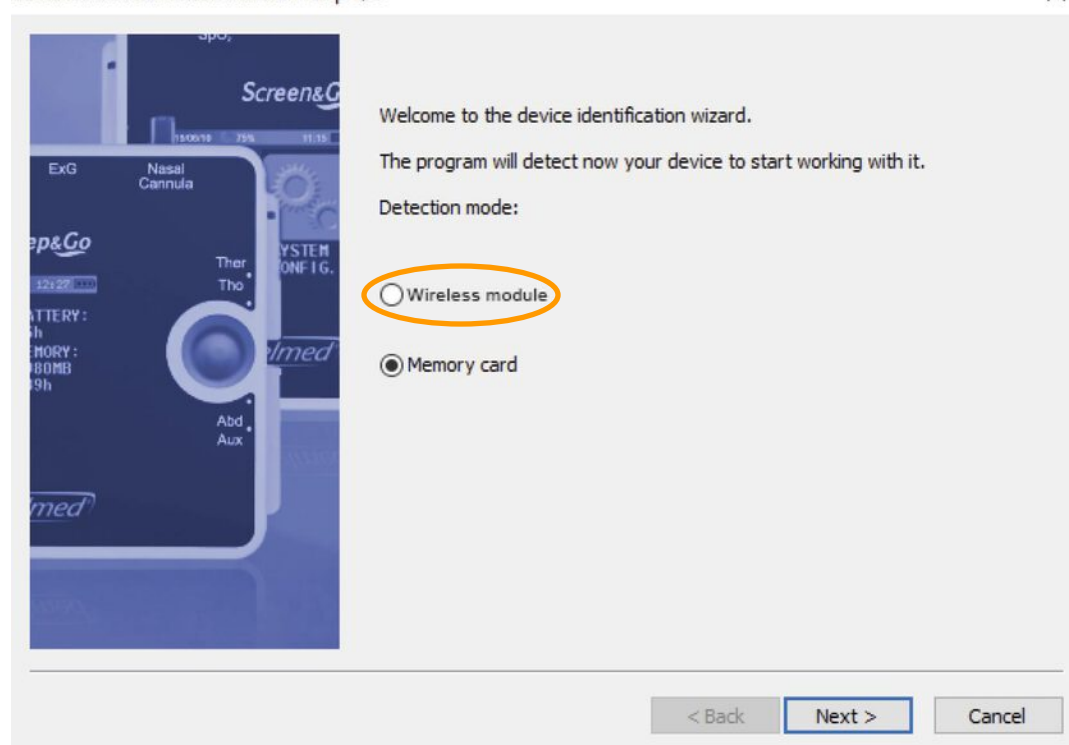
Enable the Wireless
in the PC and Device

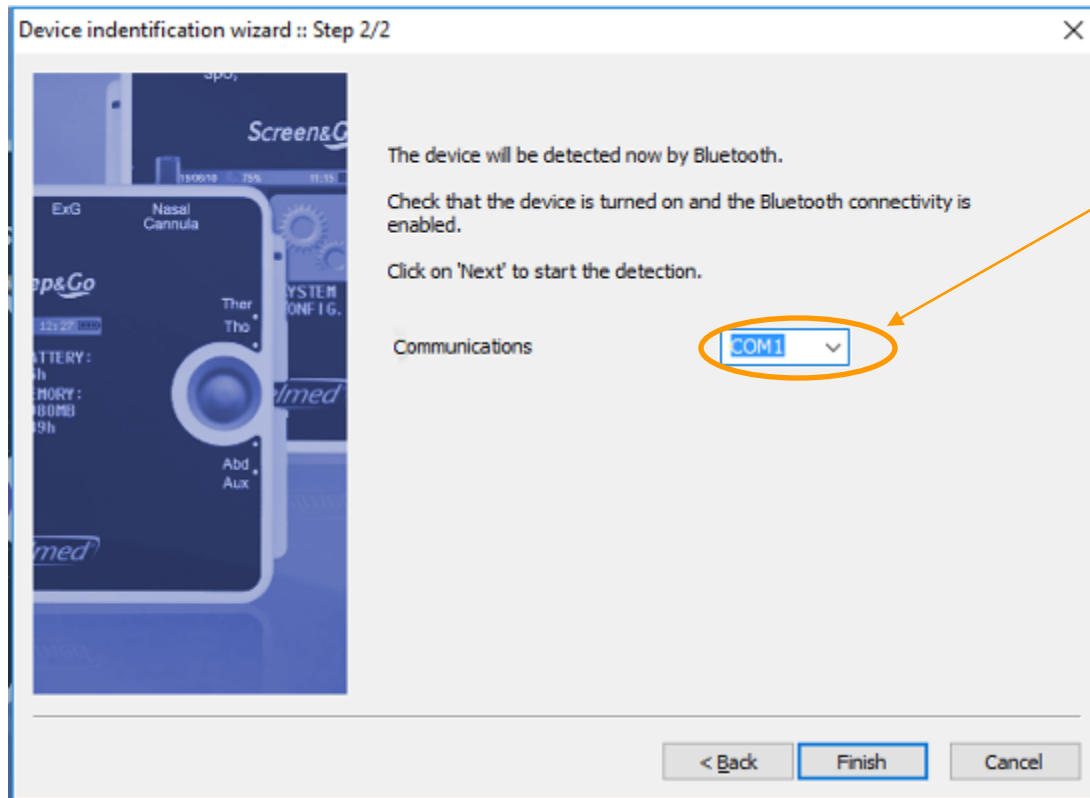
(Wireless pairing
code:

3 last numbers from
the device's serial
number:

i.e. for the S/N 346-
045 enter the code
045)

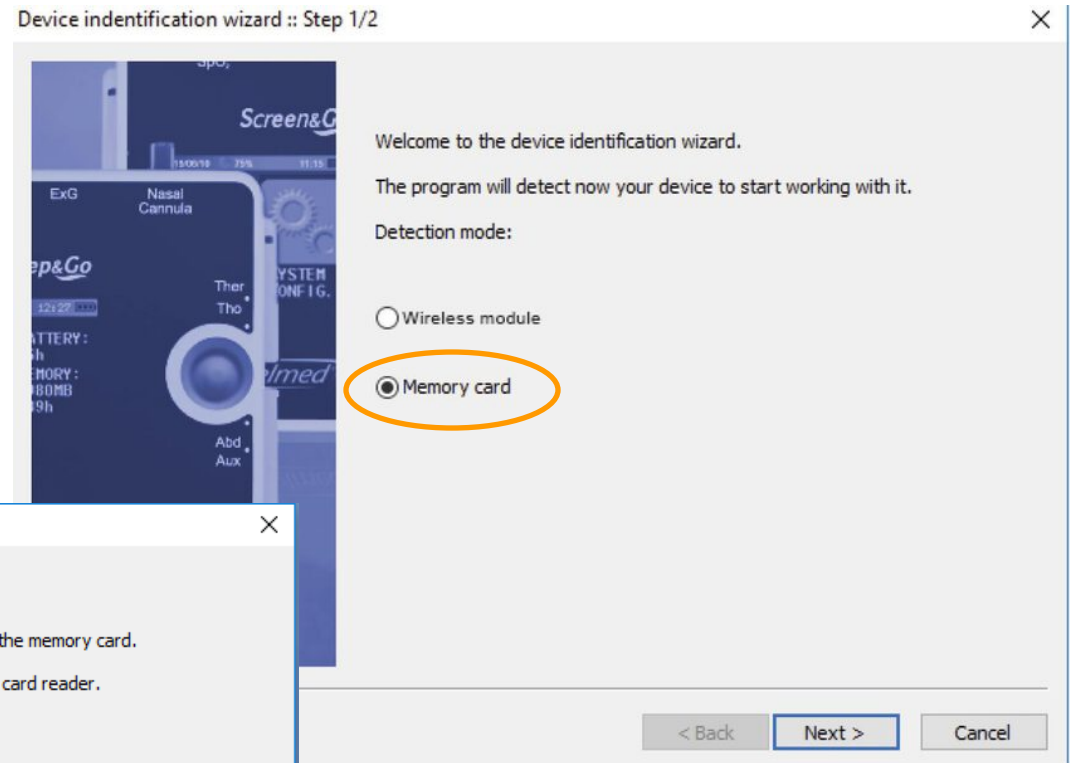
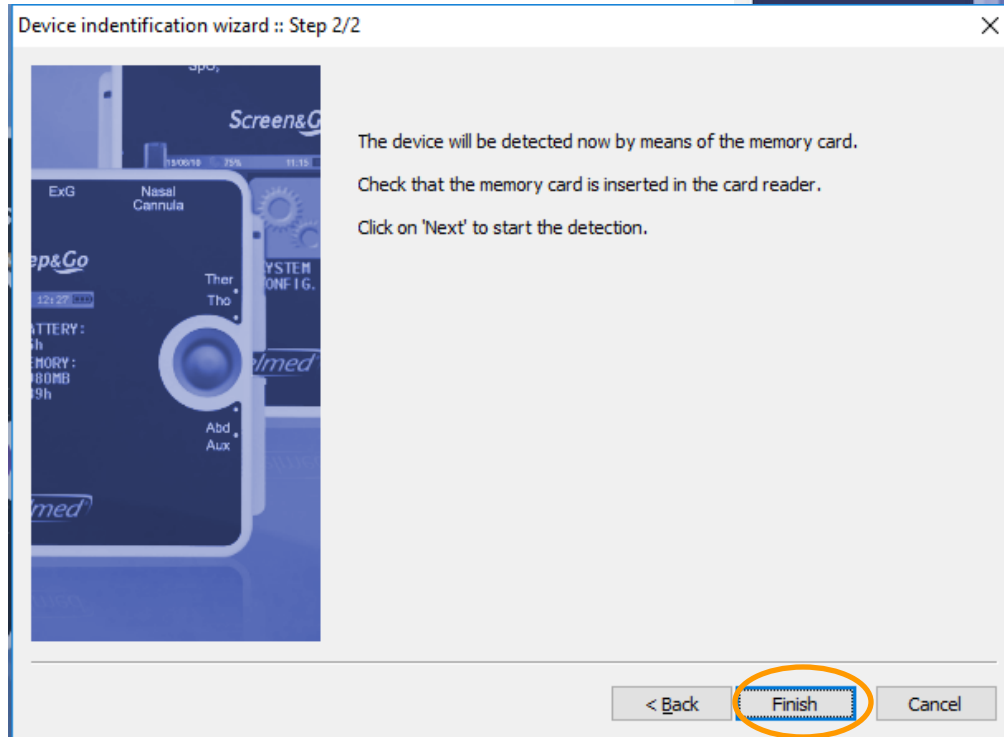
Device identification wizard :: Step 1/2



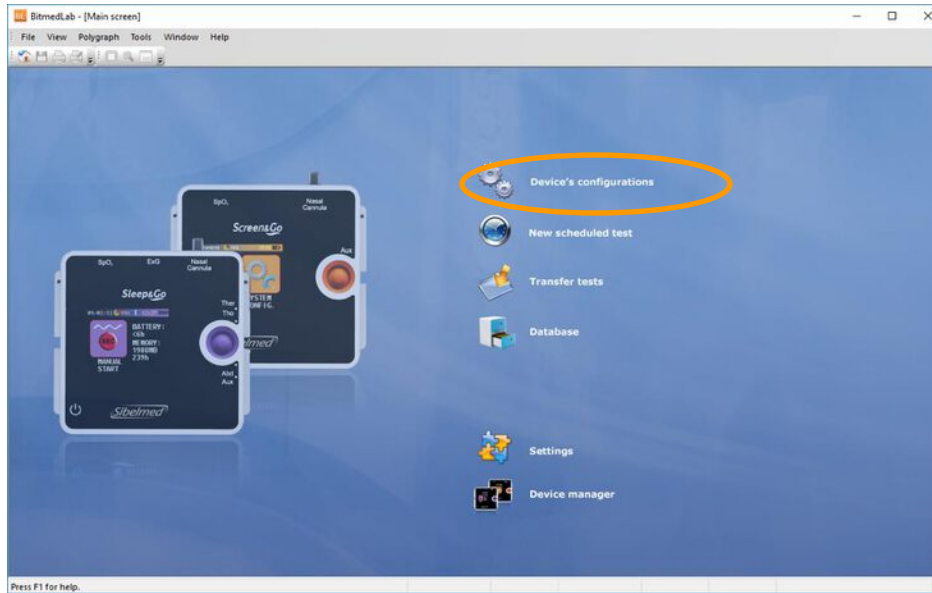


The COM port is assigned when the S&Go is paired to the PC.

Detection via MicroSD Card:

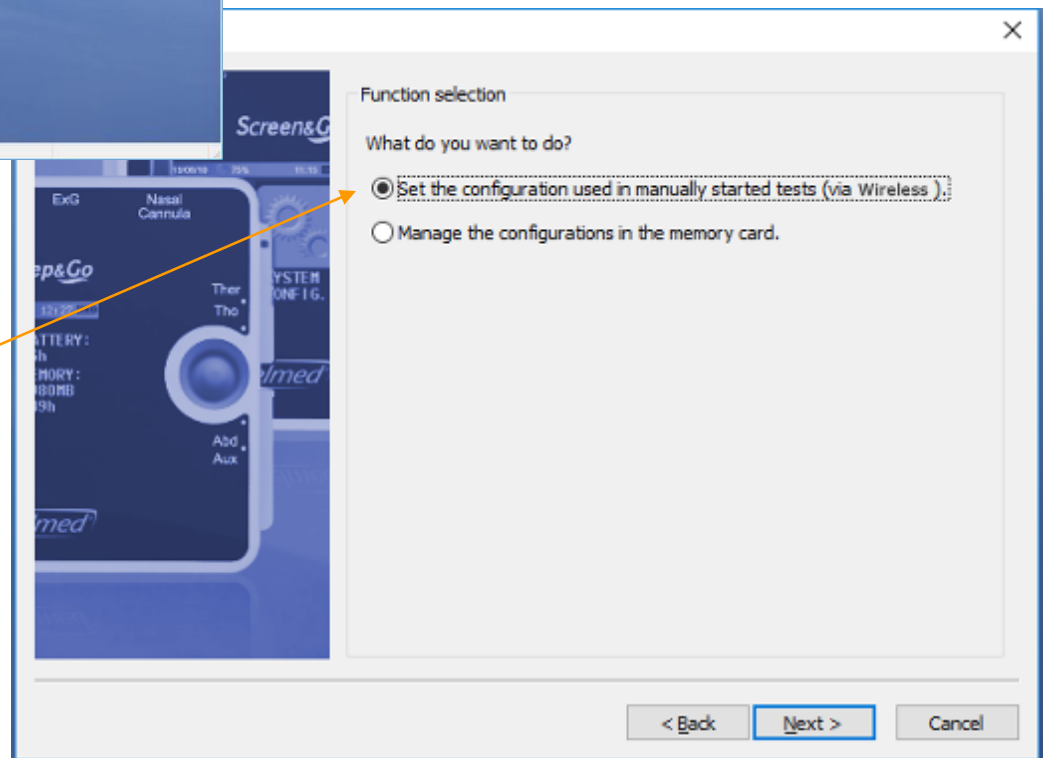


2- S&GO Configuration



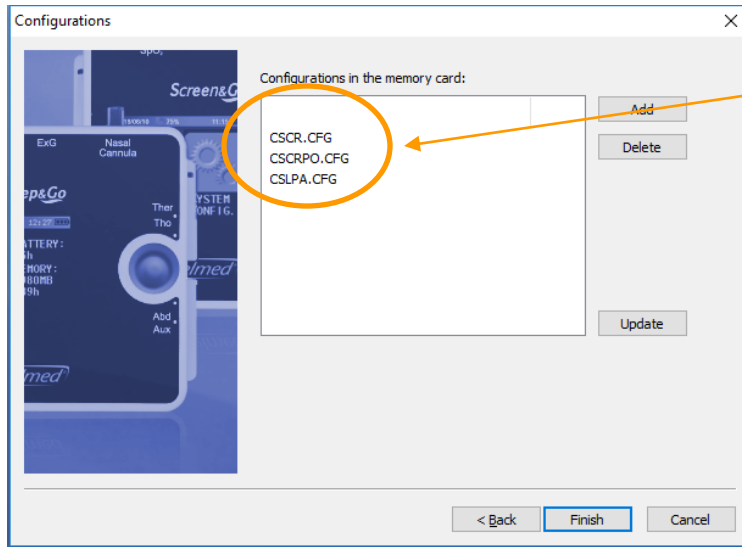
The S&Go allows to set up different configurations (recording channels, sampling frequency,...)

Select how you want to set up the configurations: via Wireless or MicroSD card

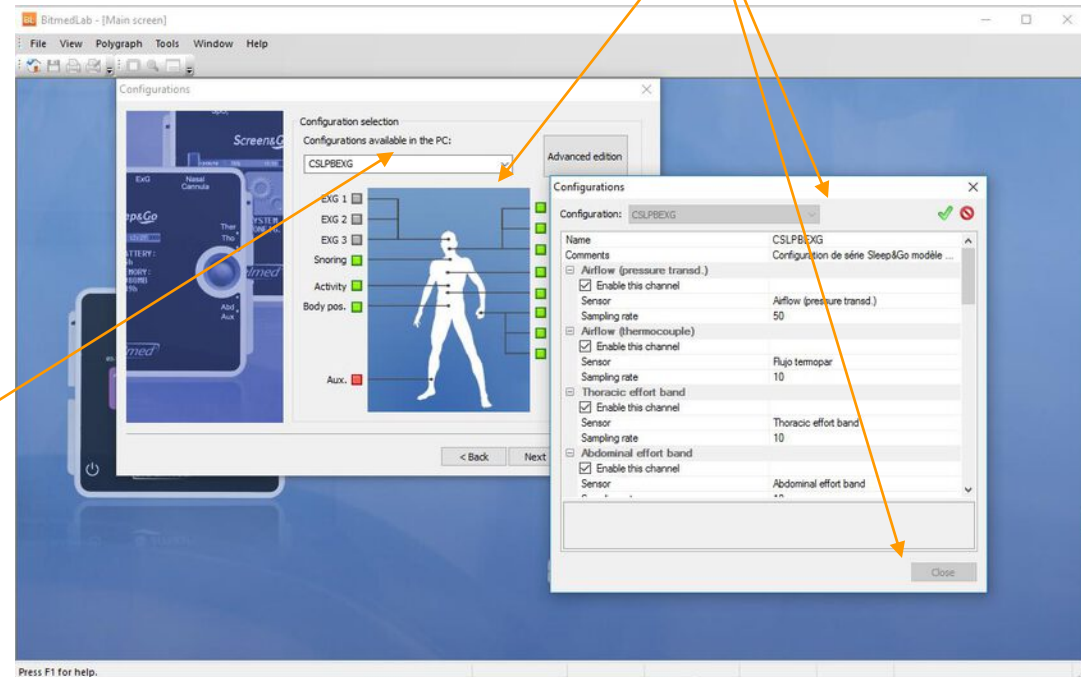


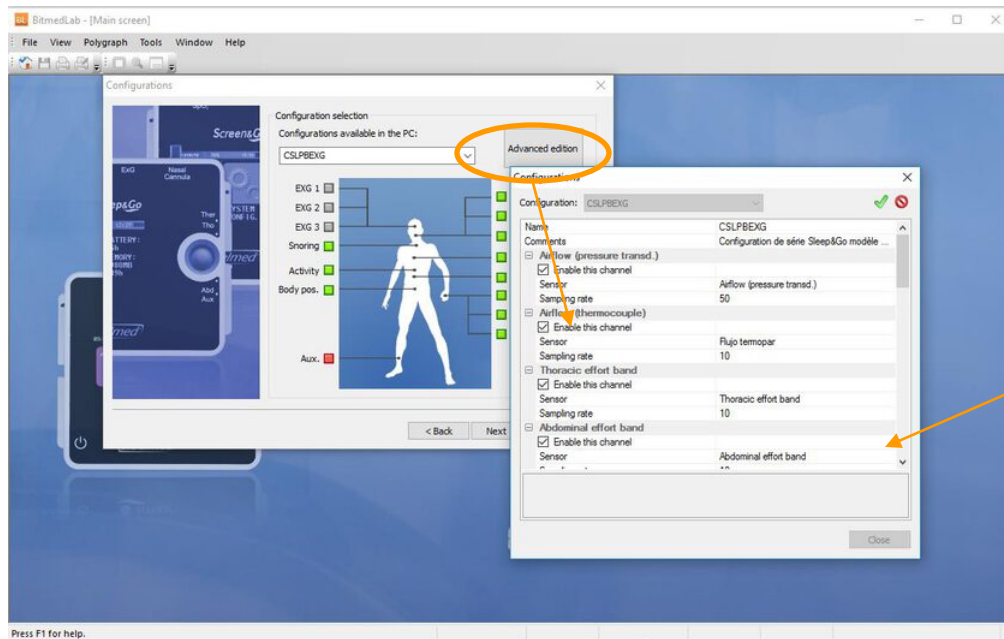
Configurations in the MicroSD (up to 5) can be easily managed if the card is inserted in the PC's card reader.

Channel selection: enable or disable the required channels in the configuration



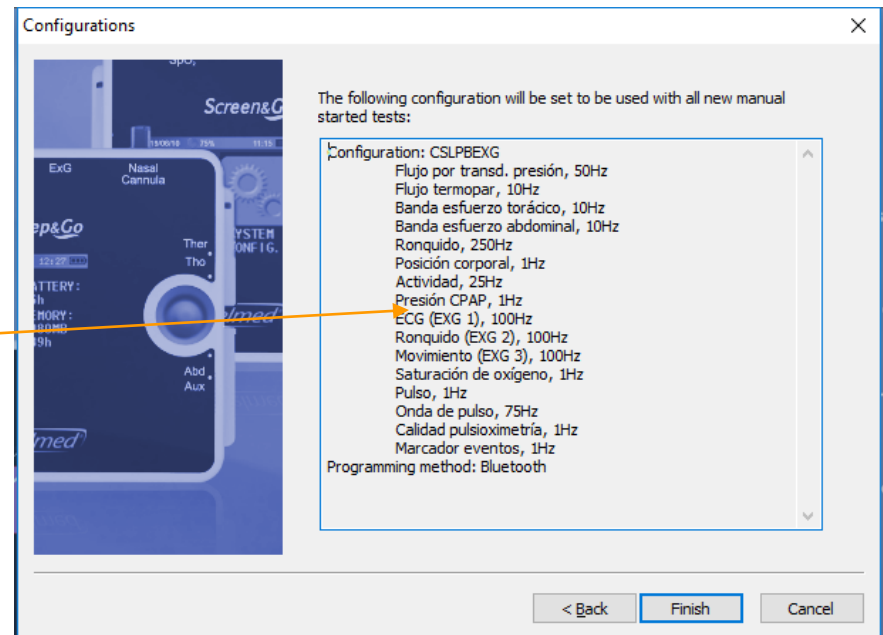
Add a configuration via MicroSD or set the configuration via Wireless



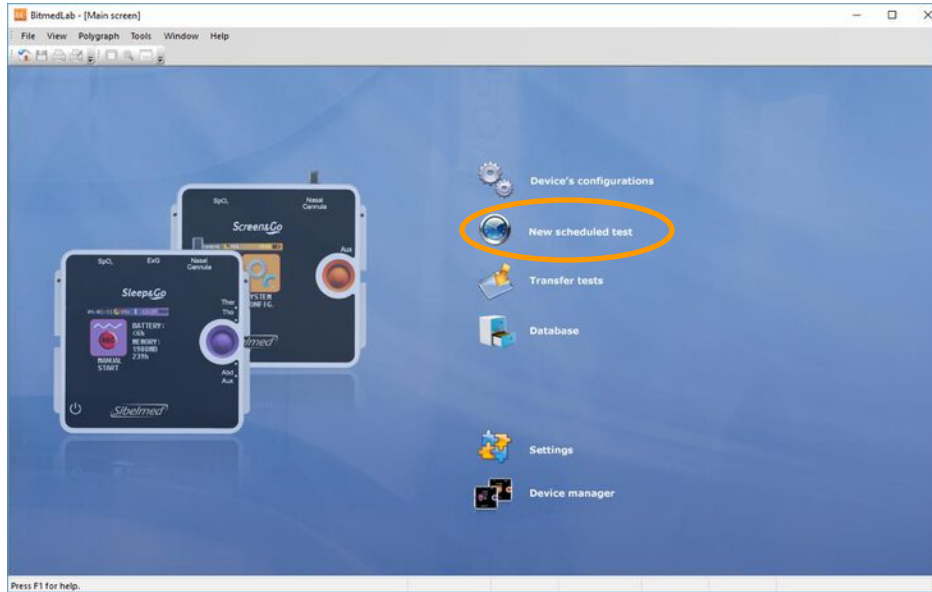


Edit configurations:
create, modify,
delete

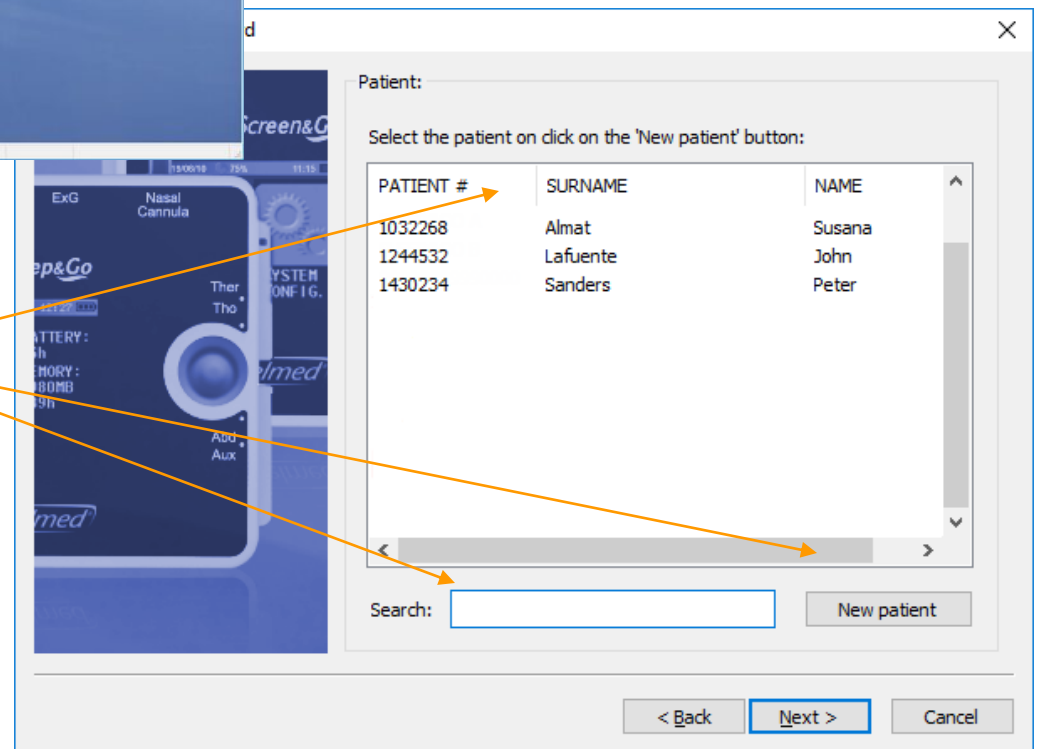
Configuration summary



3- New Scheduled Test



Patient selection



New scheduled test wizard

Test data

Test #: 001

Petitioner: Dr. Thomas

Technician: Peter

Date: 3/ 7/2017

Start time: 11:00:00 PM

Duration: 8 hours 0 minutes

< Back Next > Cancel

Enter the information of the test

Select the channel configuration for the study

Configuration selection

Configurations available in the PC: CSLPA

Advanced edition

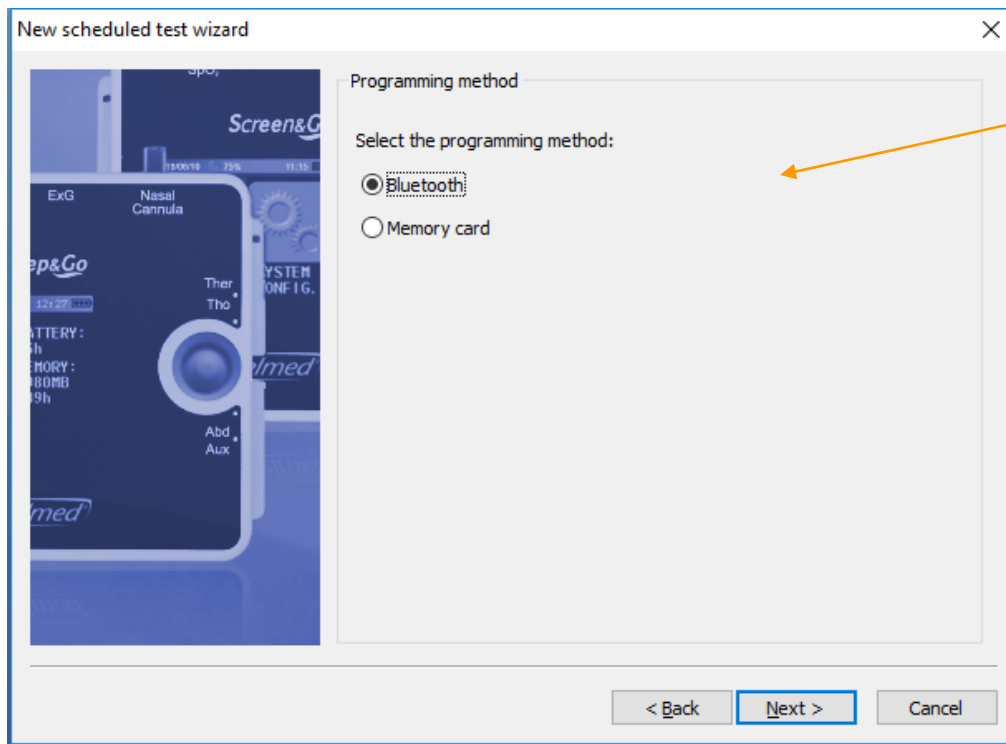
EXG 1 ☐ EXG 2 ☐ EXG 3 ☐

Snoring ☒ Activity ☒ Body pos. ☒ Aux. ☐

Airflow pressure ☒ Airflow thermo. ☐ CPAP ☐ Thoracic effort ☒ Abdominal effort ☐ Pulse rate ☒ SpO2 ☒ Pulse wave ☐

Save

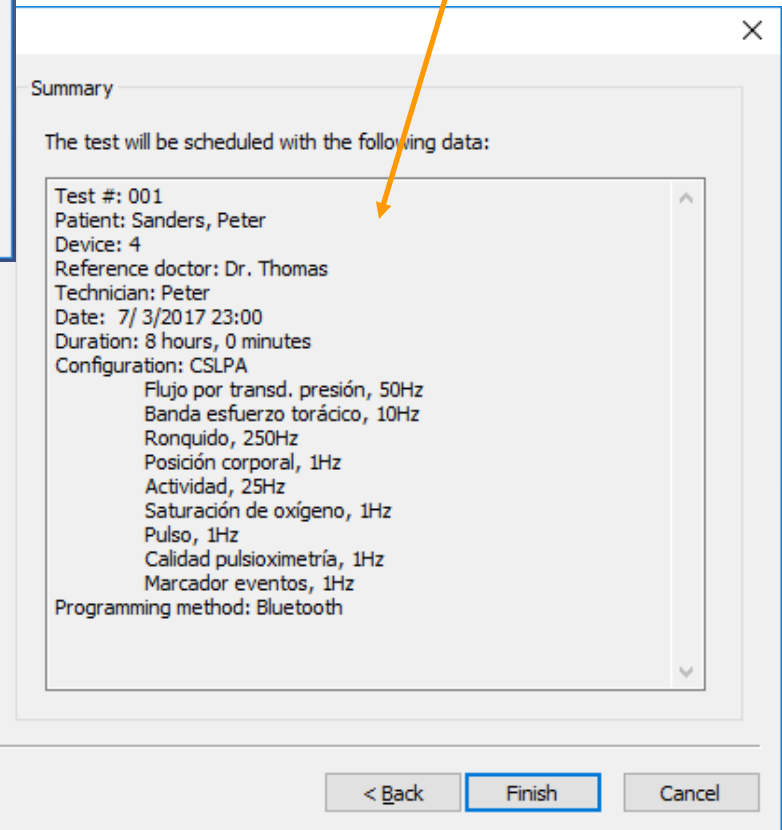
< Back Next > Cancel



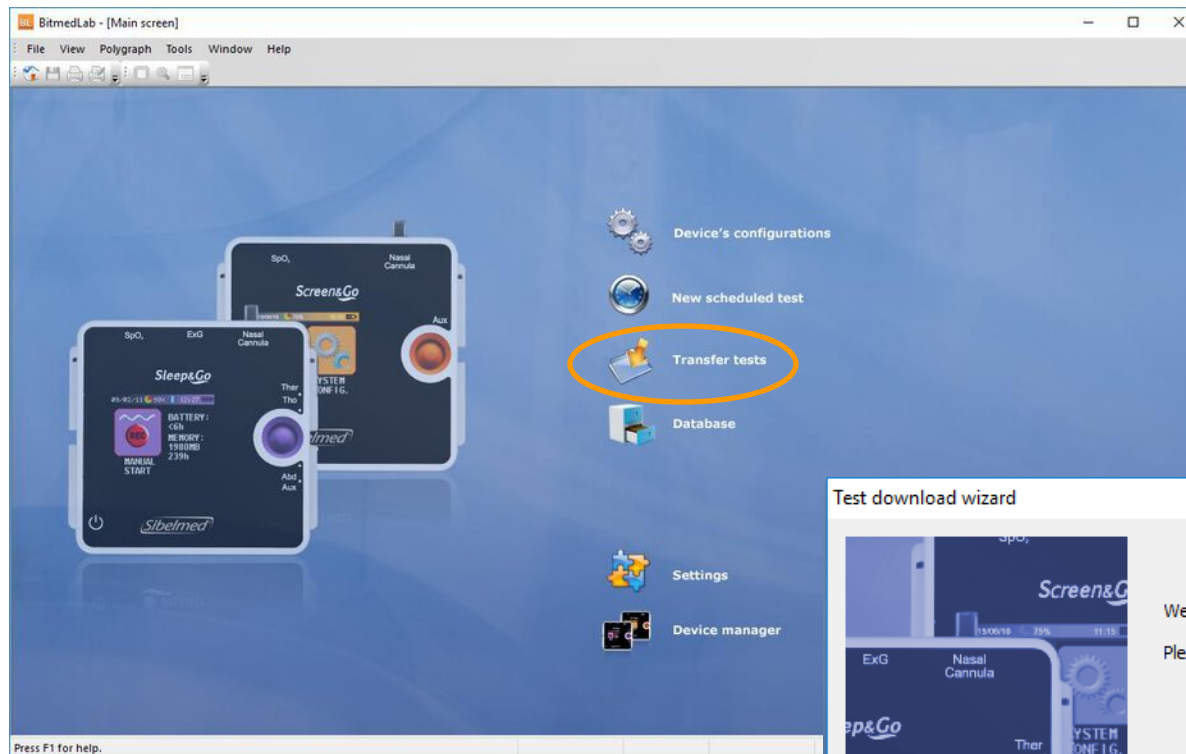
Select how the test is scheduled

Test schedule summary

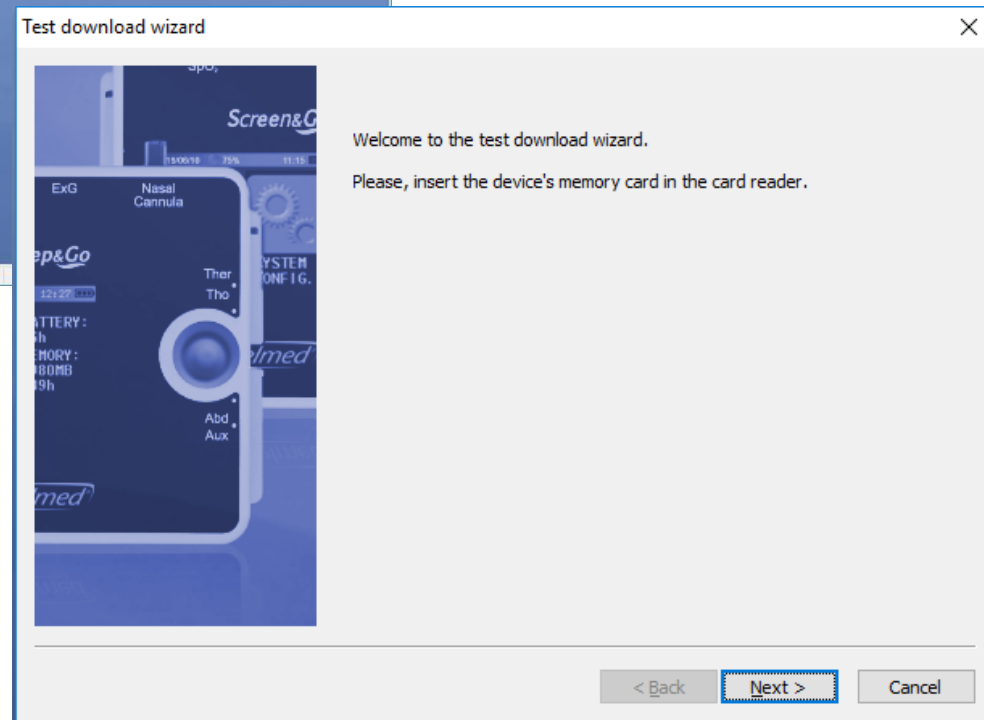
If you schedule the test by means of the MicroSD card please insert the card in the device and turn it on. The unit will detect the new scheduled tests.



4- Transfer of tests



Insert the MicroSD in
the PC's card reader



Test download wizard

Test selection

These are the tests stored in the memory card.
Select the ones to be transferred.

START DATE/TIME	PATIENT
3/3/2017 09:21	

☐ Erase the tests in the memory card after the download.

Delete Upd

< Back Next >

Select the test(s) to be downloaded

Select the patient from the database or create a new one

Patient selection

Test: 3/3/2017 09:21

Select the patient or click on the 'New patient' button:

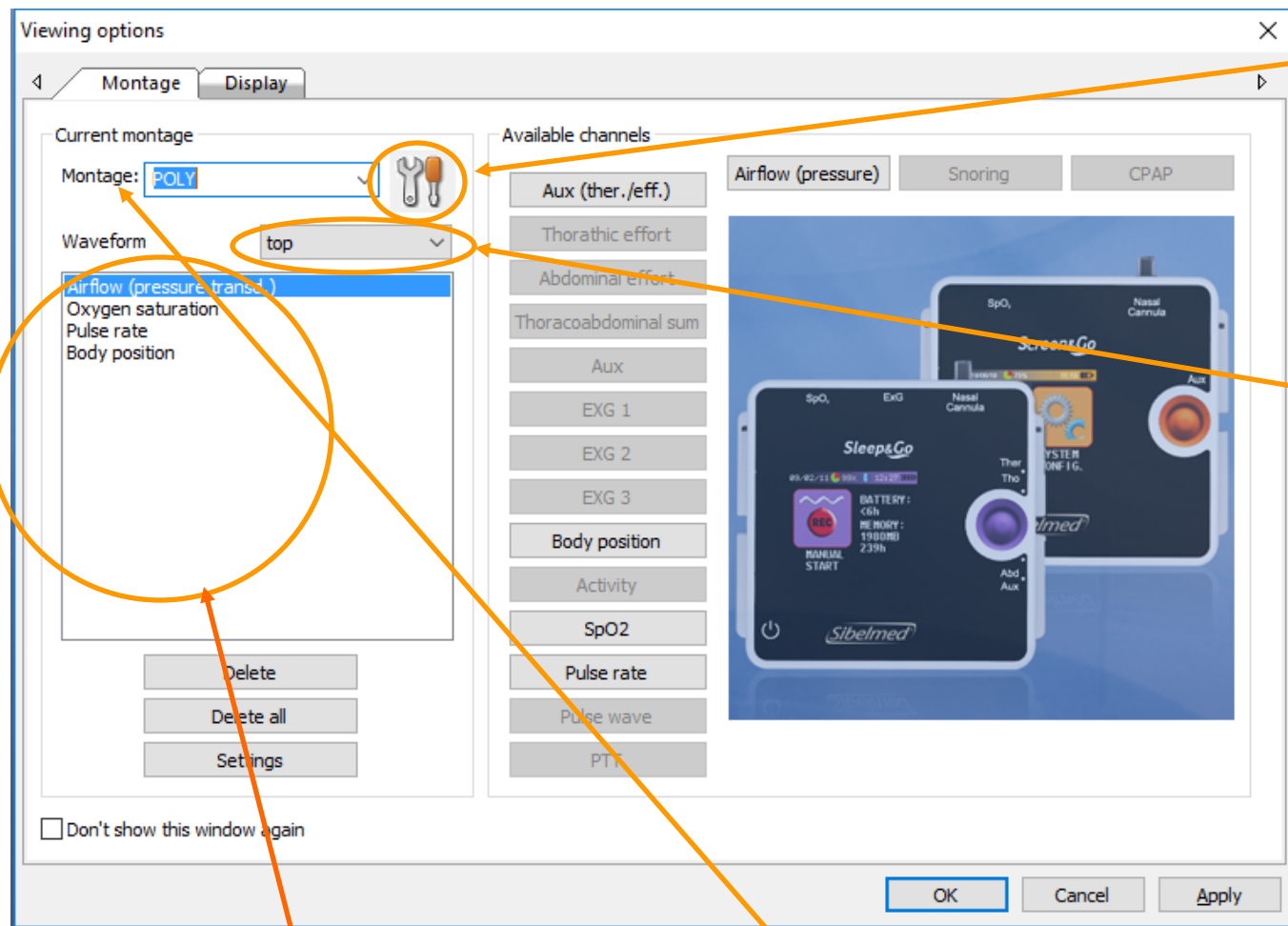
PATIENT #	SURNAME	NAME
001	Tones	John

< >

Search:

New patient

OK Cancel

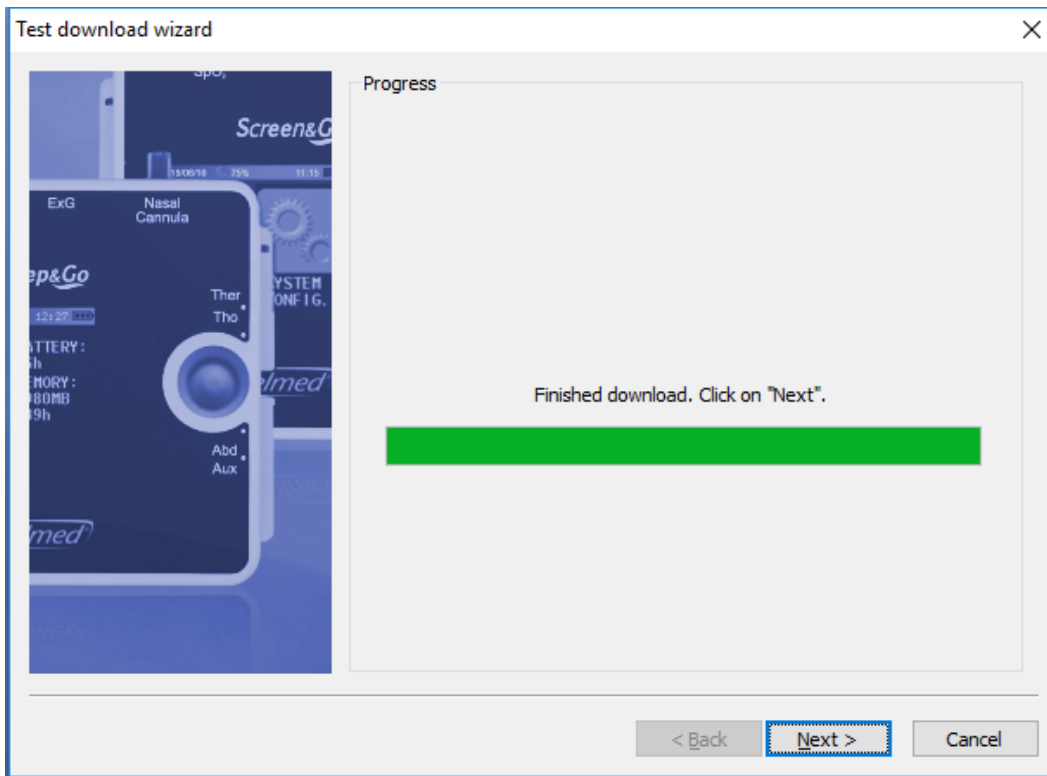


New montage

Channel selection for the top and bottom windows

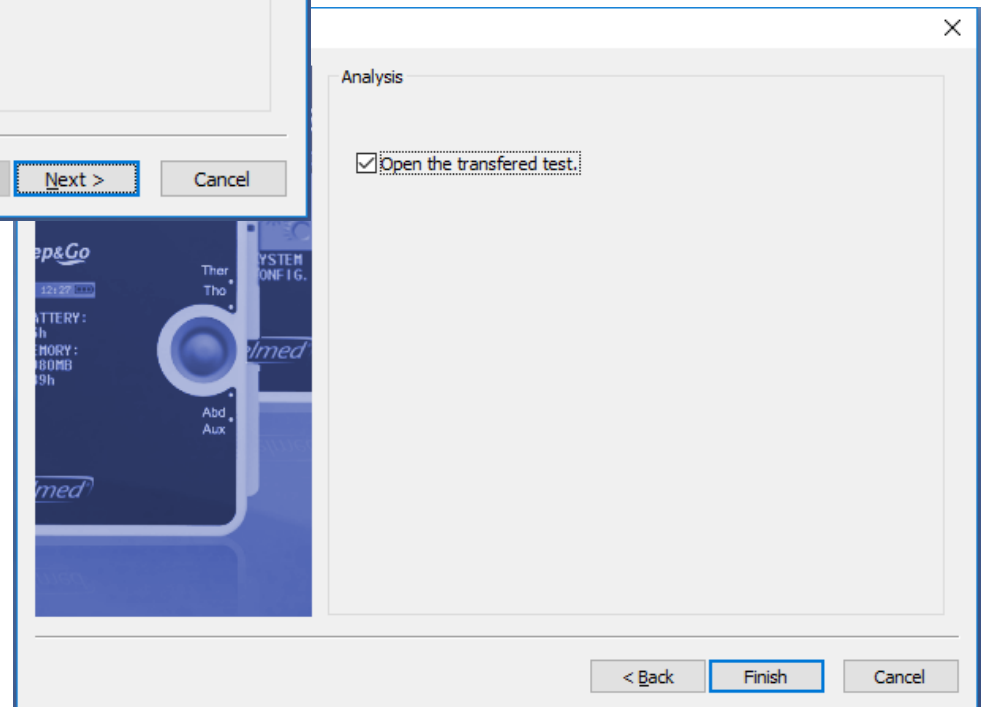
List of channels (visualisation)

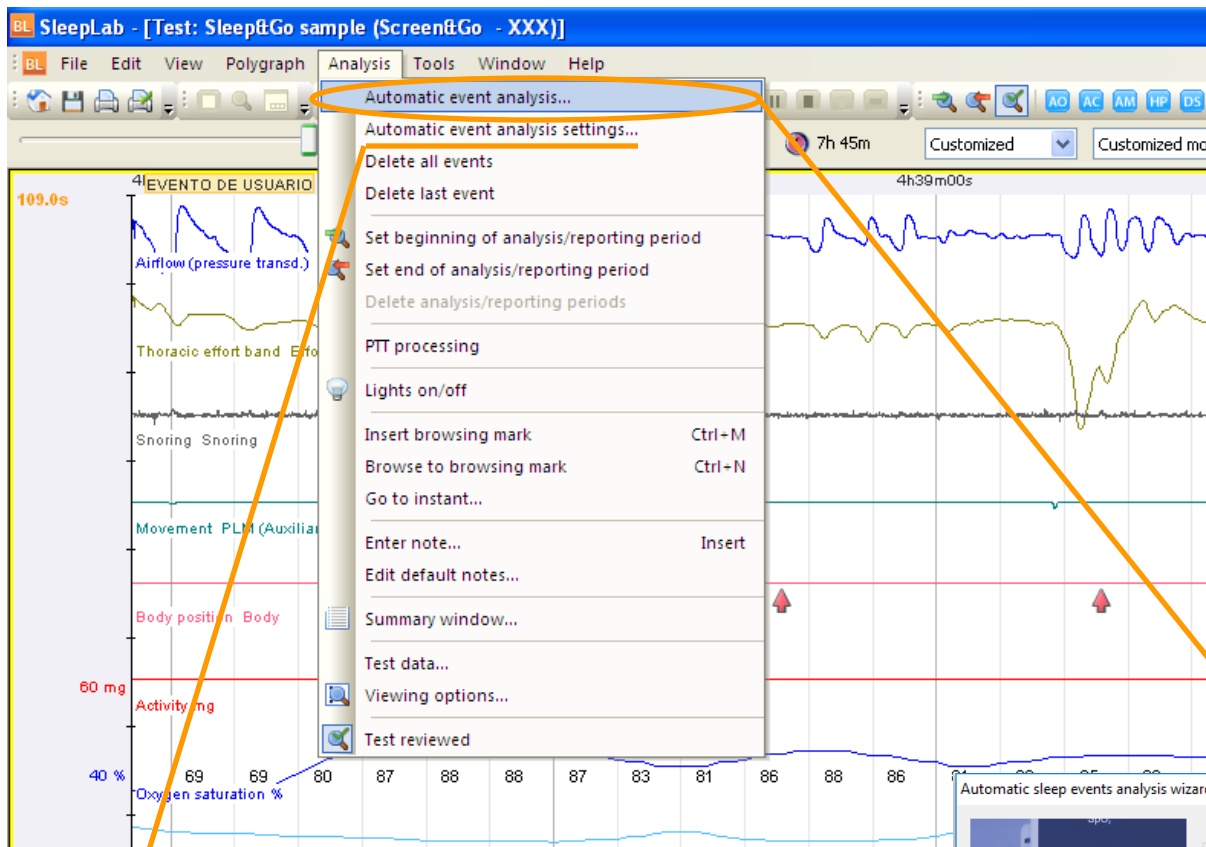
Montage selection for visualization (this montage may be different from the recording setup)



5- Automatic Analysis

Open the file after the download



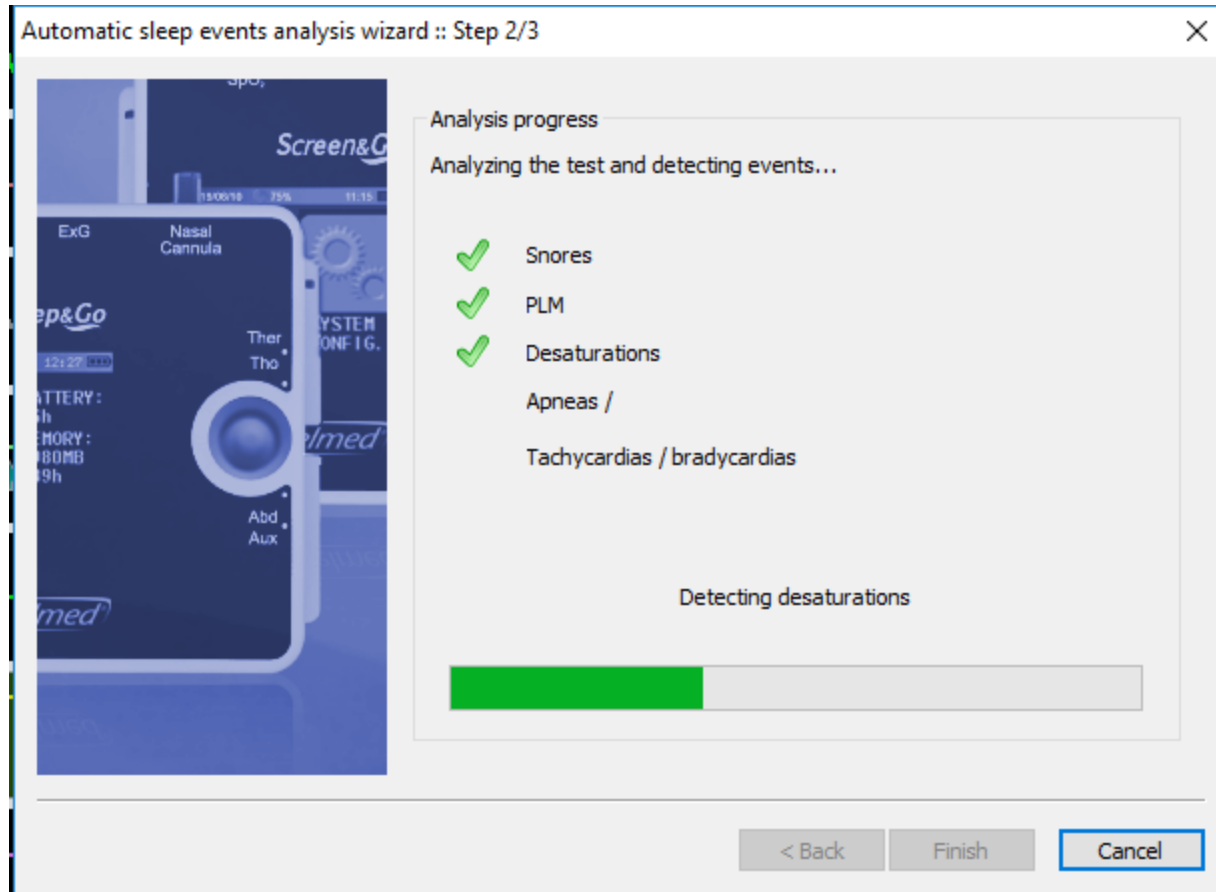


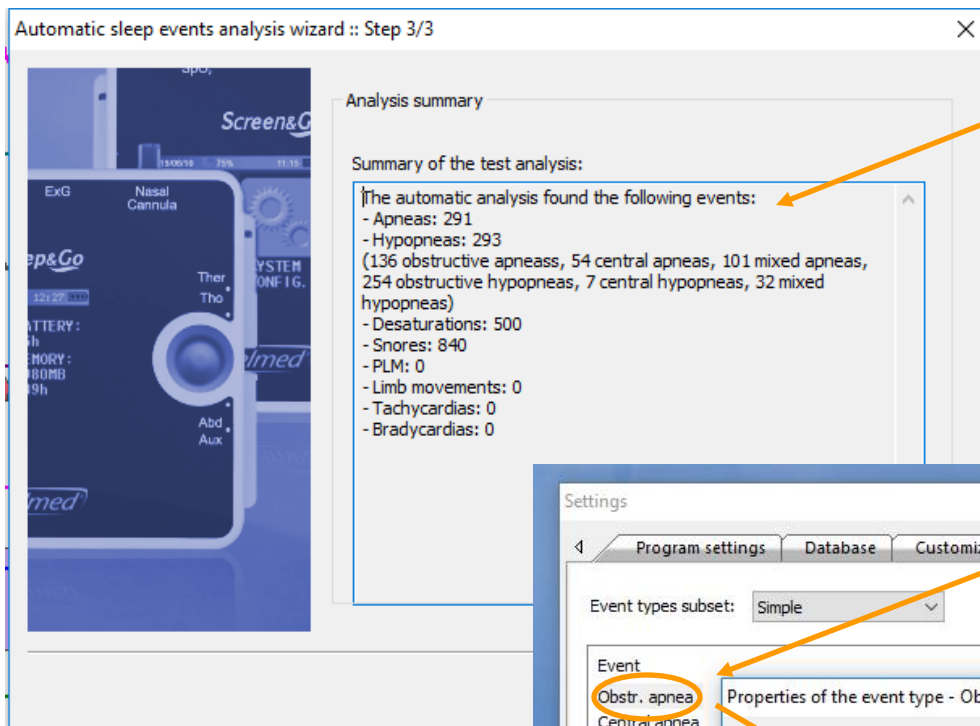
Selection of events for the analysis

If needed, the criteria for the Automatic Analysis may be modified

The 'Automatic sleep events analysis settings' dialog box allows users to modify the criteria for automatic analysis. It includes sections for 'Common', 'Apneas and hypopneas', 'Desaturations', and 'Snoring'. The 'Apneas and hypopneas' section is expanded, showing settings for flow reduction, minimum duration, and thermocouple airflow channel. The 'Desaturations' section shows settings for SpO2 desaturation threshold, minimum duration, and maximum duration. The 'Snoring' section shows settings for flow reduction, minimum duration, and thermocouple airflow channel. The 'Common' section includes options for 'Ignore events in lights on period', 'Use thoracoabdominal sum', and 'Delete apneas/hypopneas coincident...'. The 'Default settings' button is at the bottom left, and the 'OK' and 'Cancel' buttons are at the bottom right.

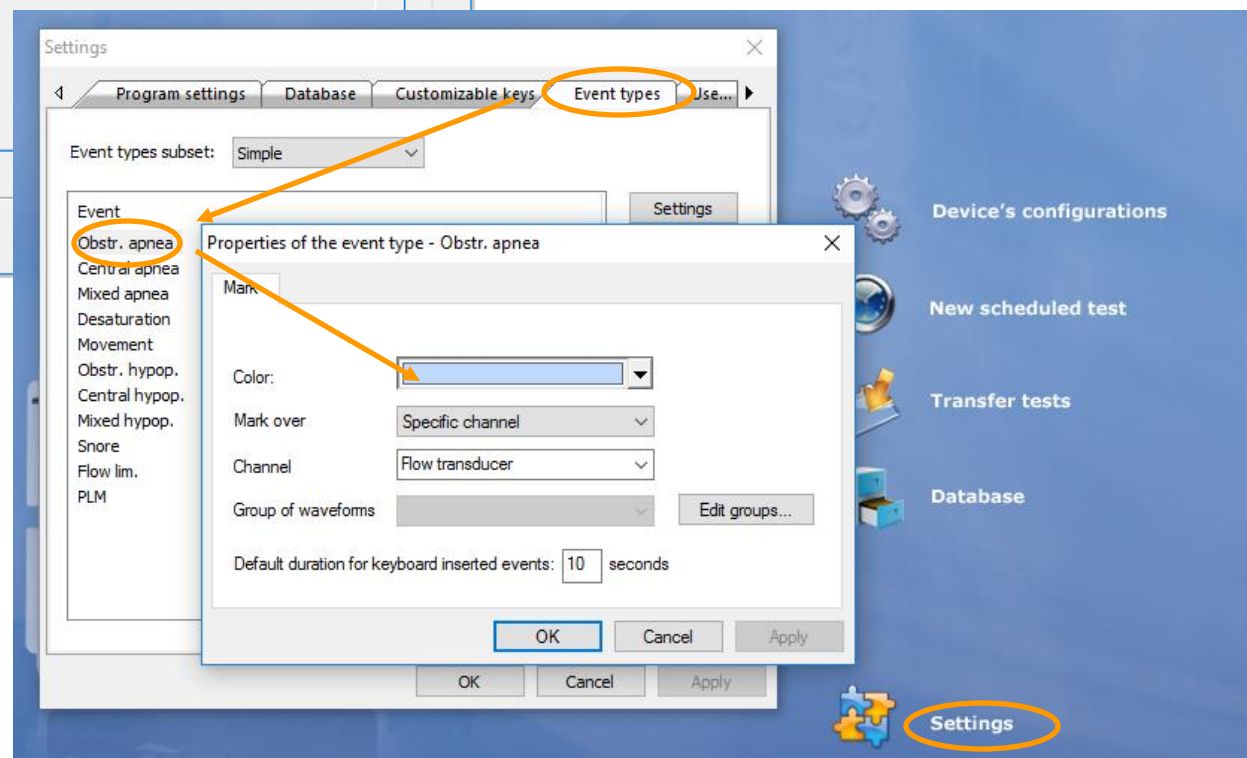
The 'Automatic sleep events analysis wizard :: Step 1/3' dialog box allows users to select the events to be detected and the time period to be analyzed. The 'Events to be detected' section includes checkboxes for 'Apneas / hypopneas', 'Desaturations', 'Snoring', 'PLM', and 'Tachycardias/bradycardias'. The 'Time period to be analyzed' section includes a checkbox for 'Discard the exclusion periods' and a section for 'Perform the analysis between two marks' with 'Start' and 'End' dropdown menus. The 'Start' dropdown is set to 'Start of the test' and the 'End' dropdown is set to 'End of the test'. The '< Back' and 'Next >' buttons are at the bottom, along with a 'Cancel' button.





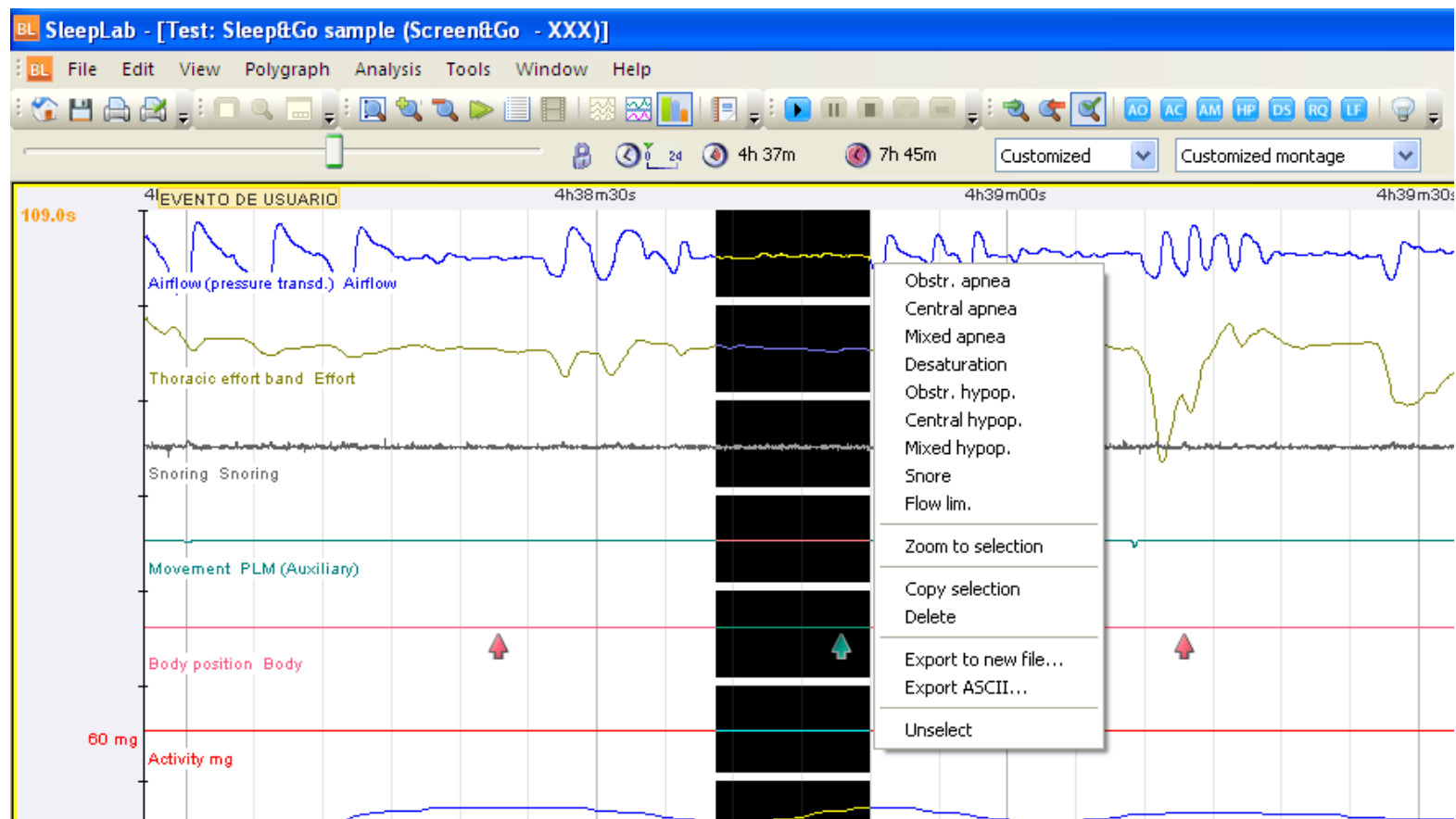
Analysis summary
(events)

Configure the event
types at your will
(go to
Tools/Settings/Event
types; double click on
the events)

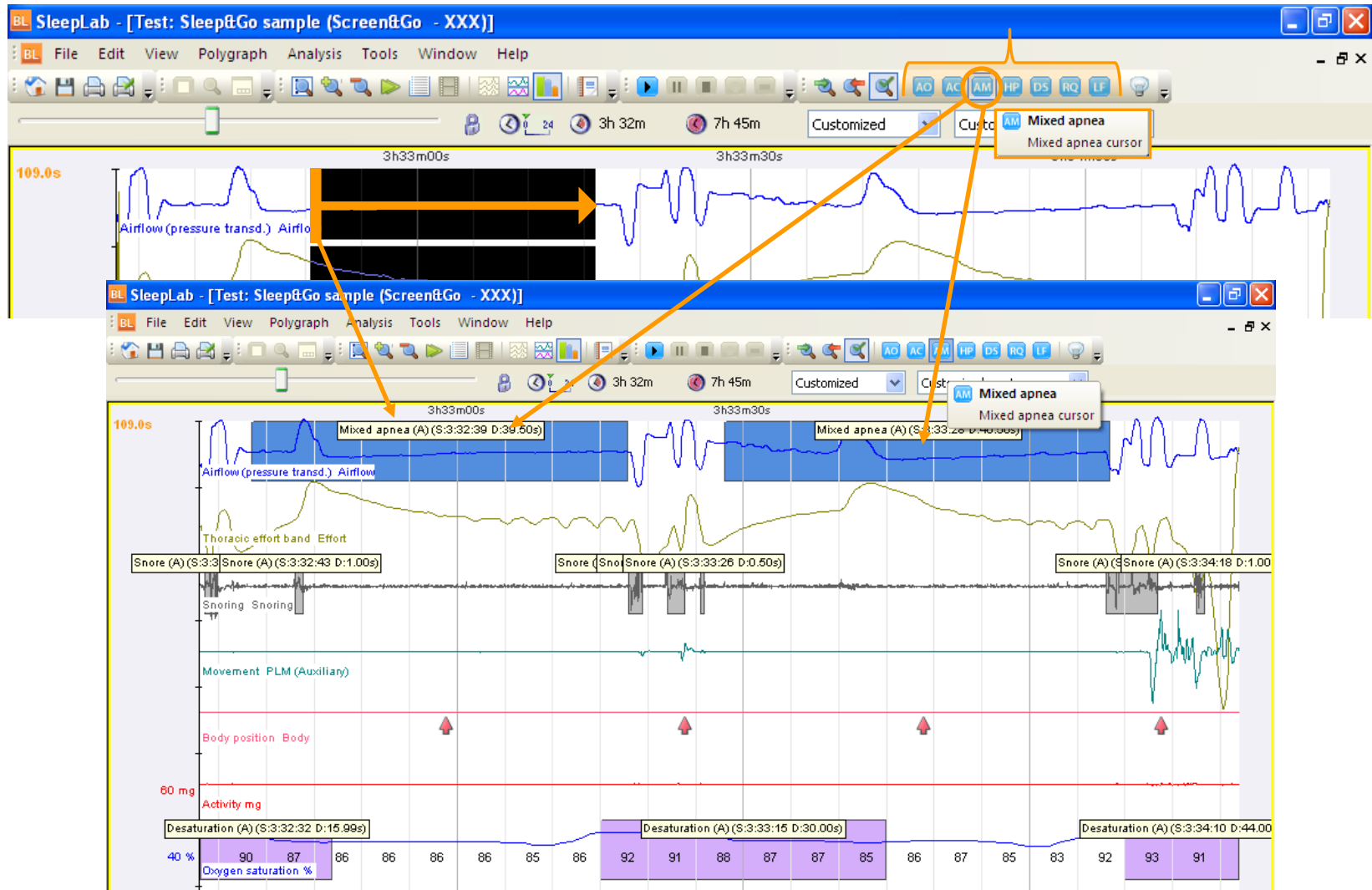


6- Manual Analysis and Test Review

- Select a part of the trace and select the event type in the contextual menu



- Event icons for manual scoring: when an event type is selected (enabled) all manual marks inserted will be of that event type



OTHER ICONS AND KEYBOARD FUNCTIONS



Time Bar (Keys: ⬅ and ➡)



« Play Back » plays the test presenting signals as real time mode



Shift half epoch (key: Tab, key next epoch: Page Up, key previous epoch: Page Down)

Modify the amplitude of traces: place the mouse over the trace and use ⬇ ⬆ in the keyboard



« Viewing Options » allows montage customization



« Zoom In / Out » (Keys: + / -)



« Summary Window » shows a list of Notes and Events



Set « Beginning / End » of artifact period. Set « Reviewed Test » to be classified in the Database.

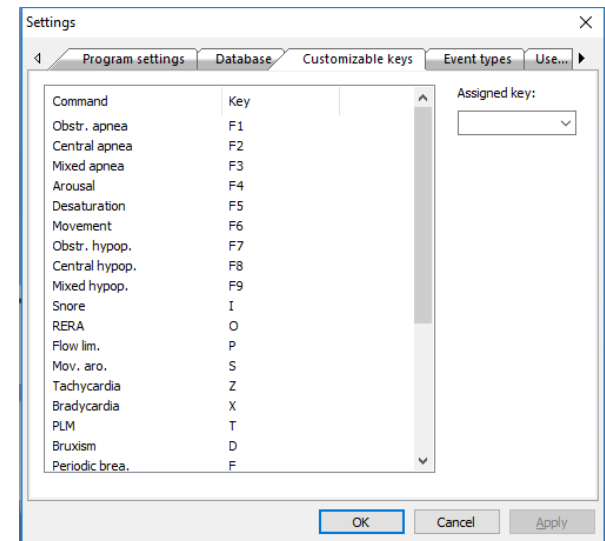


« Save »



« Print »

Customizable keys



7- Test Report

The screenshot displays the SleepLab software interface. The main window shows a polygraph recording with multiple channels: Airflow (pressure transd.), Thoracic effort band, Snoring, Movement PLM (Auxiliary), Body position, Activity mg, Oxygen saturation %, and Pulse rate BPM(1/min). The recording is titled "SleepLab - [Test: Sleep&Go sample (Screen&Go - XXX)]". A toolbar at the top includes various icons for file operations, analysis, and report generation. A tooltip for the "Show report" icon indicates "Show window with final study report".

Overlaid on the main window is the "Report wizard" dialog box. It contains the following sections:

- Test range:** Includes a checkbox for "Discard the exclusion periods" and a section for "Create the report between two notes:" with "Start" and "End" dropdown menus.
- Report template:** Includes a section for "Select the report template to be used:" with a "Template:" dropdown menu.

Two orange arrows point from text annotations to the dialog box:

- One arrow points to the "Discard the exclusion periods" checkbox, with the text "Select the test range to be reported".
- Another arrow points to the "Template:" dropdown menu, with the text "Select the report template for the test".

The "Report wizard" dialog box also features a "Back" button, a "Finish" button, and a "Cancel" button at the bottom right.

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Sleep&Go

PATIENT'S DATA

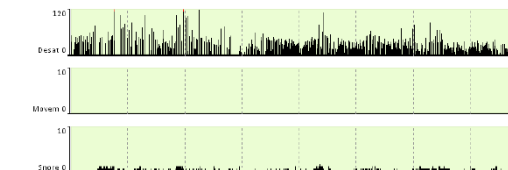
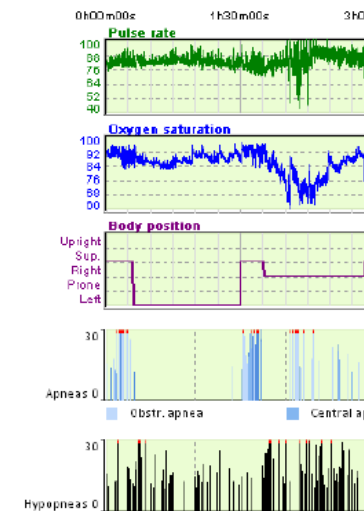
Name: Susana Almat
Address:
City:
State:
Phone:

Patient number: 1032268
Sex: Female
Height: 1.65 m
Weight: 70 kg
BMI: 25.7 kg/m²
Age: 47

RECORDING INFORMATION

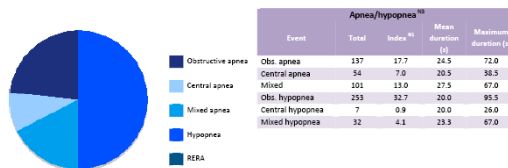
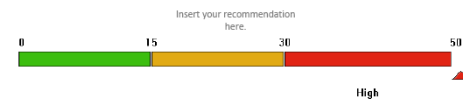
Test: 0025654
Device: Sleep&Go
File name:
{99D8AD92-5478-47CC-B777-DA3BC58AD937}.XGP
Apnea-hypopnea index (AHI)^{N1}: 75.4
Monitoring time (MT)^{N2}: 465 min

Technician: Sandra Hernández
Requested by: Dra. Salas



APNEA/HYPOPNEA

• Apnea-hypopnea index (AHI)^{N1}: 75.4



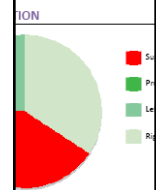
- Total duration of apneas: 120.8 min
- Total duration of hypopneas: 99.3 min
- Mean duration of apneas: 24.8 s
- Mean duration of hypopneas: 20.4 s
- Maximum duration of apneas: 72.0 s
- Maximum duration of hypopneas: 95.5 s
- Apnea index^{N1}: 37.7
- Hypopnea index^{N1}: 37.7

Apnea/hypopnea by body position						
	Obs. apnea	Central apnea	Mixed apnea	Obs. hypop.	Central hypop.	Mixed hypop.
Left	5	1	2	63	1	7
Supine	107	49	94	33	4	15
Prone	0	0	0	0	0	0
Right	25	4	5	157	2	10

Apnea index (supine)^{N1}: 93.8
Apnea index (non-supine)^{N1}: 62.2

Apnea/hypopnea index by body position

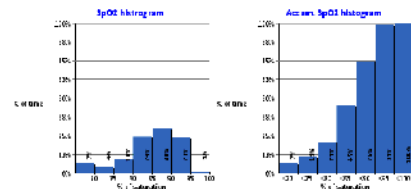
	Apneas	Hypopneas	AHI
Supine	4.3	57.9	77.7
Non-supine	0.0	0.0	12.8
Total	4.3	57.9	77.7



DURATION

Apnea index^{N1}: 64.5
Apnea index^{N2}: 75.3

	Total
Apneas	500
Hypopneas	31.7
ION	169.0
Minimum	41



SNORING

	Total	Supine	Non-supine	Left	Right
Snore index ^{N1}	158.8	-	-	-	-
Number of snores	10	0	10	0	10
Mean duration	0.7	-	-	-	-
Maximum duration	2.6	-	-	-	-

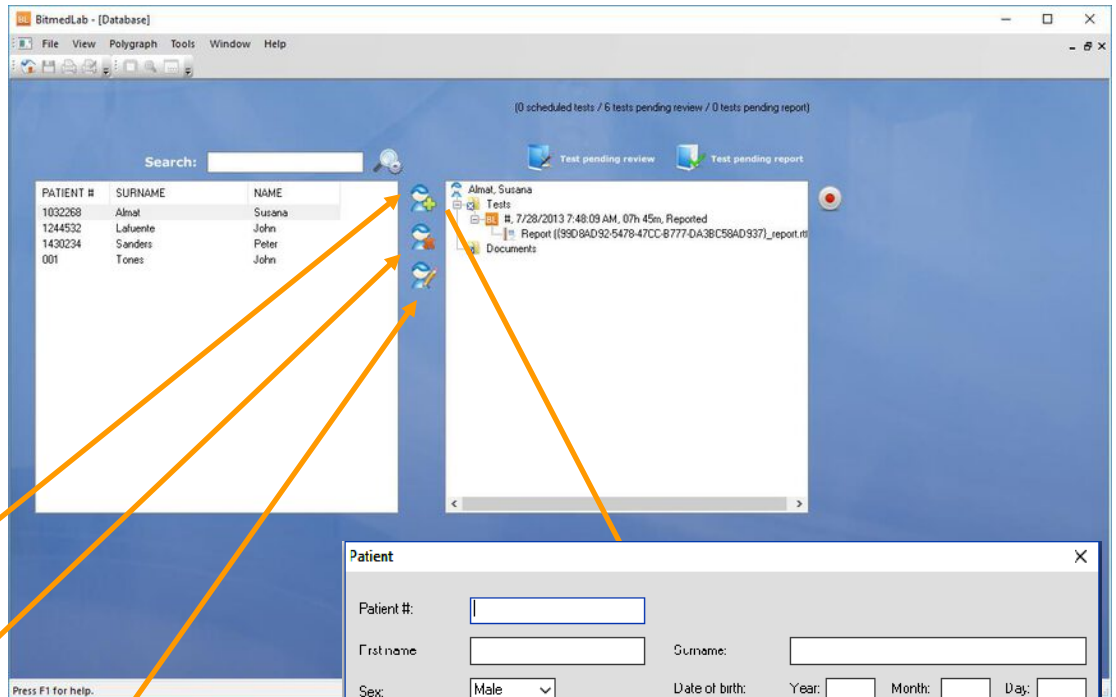
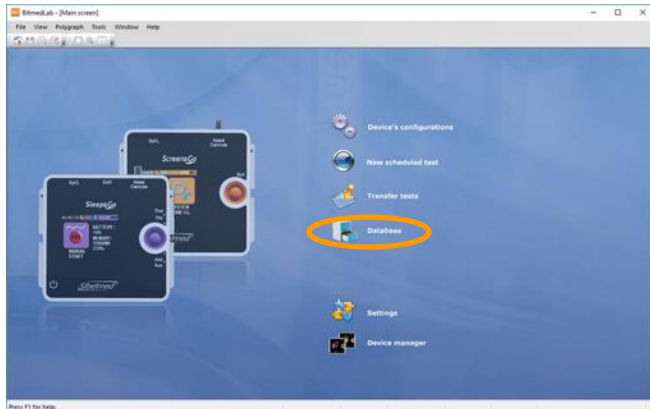
LIMB MOVEMENTS

	Total	Index ^{N1}
LA	0	11.0
RA	0	11.0

HEART RATE

	Minimum	Mean	Maximum
Heart rate	62	83	114

8- Database Management



Create a new patient

Delete patient

Modify patient data

Patient

Patient #:

First name: Surname:

Sex: Date of birth: Year: Month: Day:

Address:

City: Province /state: ZIP code:

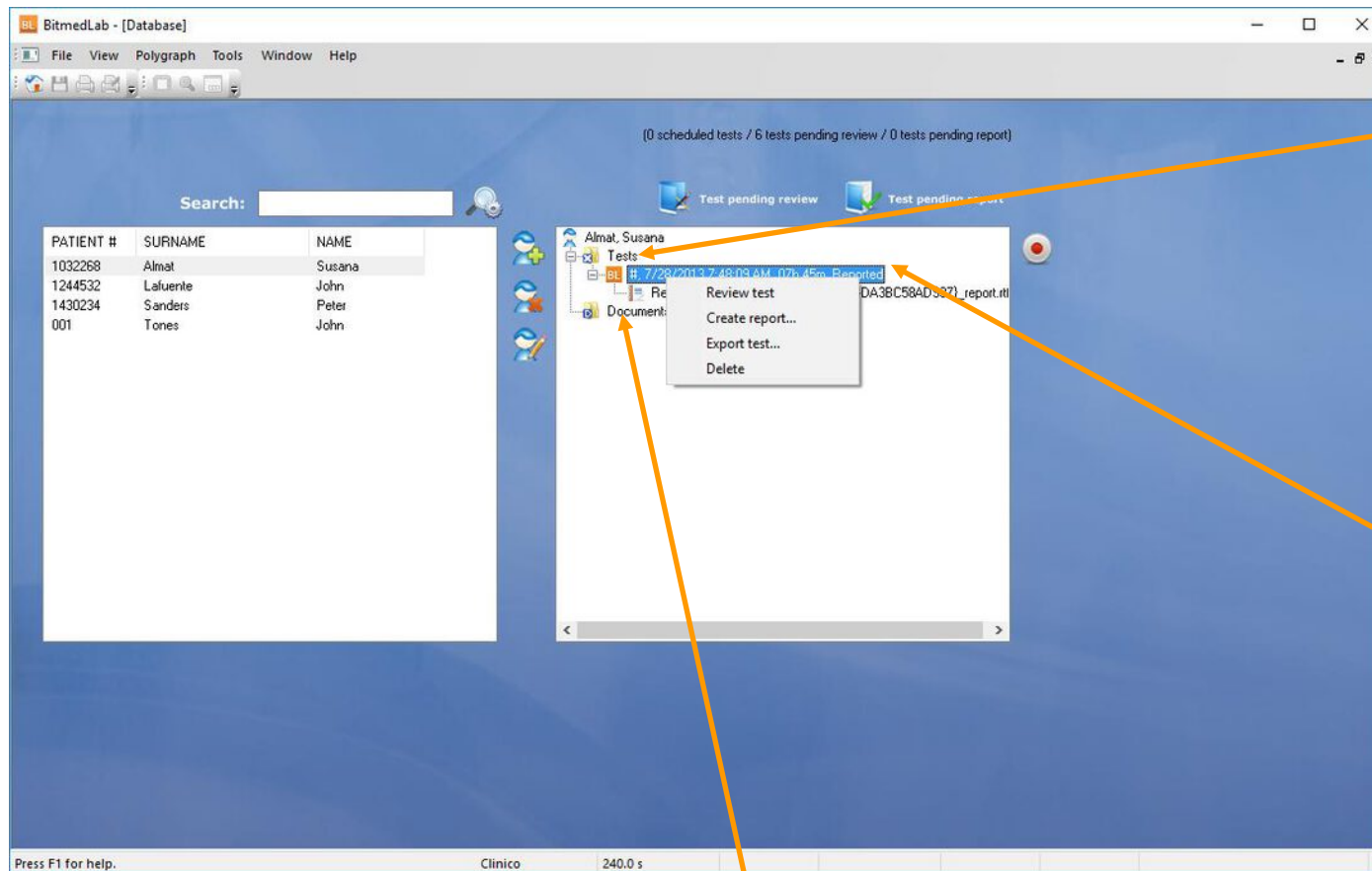
Telephone: Cell phone: Fax:

E mail:

Weight (kg): Height (m): BMI:

Insurance company: Insurance policy:

Medical history:



Right Click:
Import Test

Right Click:
Review Test,
Report,
Export Test,
Delete Test

Right Click: import other documents related to this patient



Class IIa product according to Medical Device Regulation (EU) 2017/745



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