Stendo SAS

STENDO V3 Software version: 3.0.3.1

Stendo Care

User manual

Version 1- 26 June 2014

CIS patents relating to the pulsating technology

This device is protected by a number of patents

No implicit licence

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CE	The device has received a **CB test certificate** and is in conformance with the following norms : IEC 60601-1:2012 IEC 60601-1-2:2007 IEC 60601-1-6:010 IEC 62366

Contents

1 DESCRIPTION OF INTENTION OF USE - PERFORMANCE

The objective of the Stendo device is to achieve compression/decompression sessions to the lower part of the body (legs, thighs and abdomen) in a non-invasive manner, in order to reproduce and/or stimulate the natural physiological pulsations and the physical shear stress forces (wall shear stress) acting on the endothelial cells. The system consists of:

- A pulsating suit that amplifies blood circulation without changing the heart rate
- A command console

The STENDO system V3 (software version v3.0.3.1) is not a monitoring device (electrocardiography, breathing, oximetry) and cannot be used for diagnostic purposes. The use of the Stendo system cannot replace dedicated monitoring equipment and would not be capable under any circumstances of replacing permanent monitoring of the subject.

The STENDO V3 device with the STENDO CARE software is designed for well-being purposes only with no medical indications and is sold as is.

2 WARNINGS - SAFE USE

The STENDO system V3 must be used exclusively by qualified staff who have been trained to use the system. It is essential for the user to read this manual, the user instructions for the accessories, the safety measures to be complied with and the specifications before using this device.

It is absolutely prohibited to use this system on any subject fulfilling any of the following criteria:

- Having undergone a major surgical intervention in the year preceding the session
- Having undergone a major cosmetic surgery intervention in the year preceding the session
- Being pregnant
- Having prohibitions and restrictions, presenting a history of phlebitis or thrombosis
- Simultaneously taking an oral contraceptive (pill) and being a smoker (more than 10 cigarettes per day)
- Suffering from hypertension
- Presenting a medical contraindication to participating in sport
- Suffering from cancer
- Colostomy
- Open fracture, bleeding or healing wound
- Third-degree burn
- Cirrhosis of the liver
- Bedsore

This system is not suitable for persons less than 16 years of age.

To date, no significant side effects have been identified.

Safe use

- Do not use the device in a hyperbaric environment
- Monitor functioning defect: if a functioning defect occurs when the system is activated, do not use the monitor until qualified maintenance staff have resolved the problem
- Position the leads attached to the patient in such a way as to avoid any risk of strangulation
- Do not reuse the ECG electrodes so as to avoid any risk of contamination or infection, and also to avoid incorrect readings associated with improper adhesion to the skin
- Do not reuse or recycle the ECG electrodes, since this is likely to result in incorrect readings or skin reactions due to biocompatibility problems.
- In the even one of the device functions fails, consult an approved maintenance technician.
- If the device is accidentally exposed to water, wipe the exterior and allow to dry completely before further use.
- The electrical facilities of the premises or the equipment must comply with current regulations applicable in your country. The equipment must be used in accordance with the user instructions provided by Stendo SAS.
- Any changes or repairs must be performed by a member of staff approved by Stendo SAS, or by approved technicians.
- No modifications should be made to the device.
- The STENDO system V3 must undergo yearly maintenance by a STENDO approved technician.

If the power cable, power supply, switch or fuse of the console needs to be changed, it is imperative that it is replaced by an original component.

Risk of electric shock. Do not remove the monitor cover.

This symbol, representing a bin/garbage can on wheels with a bar across it, means that this product is covered by the European directive 2002/96/EC.
The electrical and electronic components must be disposed of separately in bins/trash cans specially intended for this purpose.

Contacts:

Manufactured by:

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France
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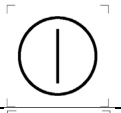
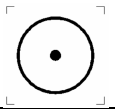
Fax: 02 32 25 90 14
E-mail address: contact@stendo.net

Approved technicians:

3 MEANING OF THE LOGOS PRESENT ON THE DEVICE

Requirements	Application for the console	Application for the lower body suit	Logotypes to be used
The name or company name and the address of the manufacturer.	STENDO SAS 17 rue du Port 27400 Louviers France	STENDO SAS 17 rue du Port 27400 Louviers France	 with the logo 
The indications strictly needed to identify the device and the contents of the packaging in particular for the users	Name and/or reference of the product STENDO V3 and/or BP600	Name and/or reference of the product STENDO V3 and/or BP600	
The batch code, preceded by the reference “LOT", or the serial number	Serial No.	Batch No.	 
Specific instructions for use	Refer to the user manual	Refer to the user manual	  Console Lower body suit
The year of manufacture for the active devices	Month/Year 04/2013	Month/Year 04/2013	
CE Mark	Yes	Yes	
IEC 60601-1 (IEC 60417-5010) on/off (2 stable positions)	Yes Rear of the console	No	
IEC 60601-1 (IEC 60417-5638) emergency stop	On the emergency stop cable or on the emergency stop control	No	
IEC 60601-1 (IEC 60417-5264) “ON” for part of equipment	Yes Rear of the console next to the reset button	No	
Mention for indoor use only	Yes	No	FOR INDOOR USE ONLY
IEC 60601-1 (IEC 60417-5840) type BF applied part	On the leads of the applied parts (SpO2 + ECG)	No	
Authorised input pressure	Yes	No	Air input pressure: Min: 3 bar Max: 6 bar

IEC 60601-1 (IEC 60259) IP index	Yes	No	**IP 20**
IEC 60601-1 (IEC 60417-5032) Alternating current	Yes	No	
Electrical class	Yes	No	Electrical Class: I
European directive 2002/96/EC on Waste Electrical and Electronic Equipment (WEEE)	Yes	No	
Warning FDA	Yes	No	Caution Federal Law (USA) restricts this device to sale by, or on the order of a physician or licensed practitioner
Made in France	Yes	Yes	Made in France Under CIS licence
Restrictions of hazardous substances directive (directive 2002/95)	Yes	No	RoHs

4 ONSITE INSTALLATION

4.1 Installer (operator)

The unpacking and initial installation must be performed by a technician approved by STENDO (member of staff of STENDO or of one of its distributors).

4.2 Unpacking

Console box
Remove the console from its packaging. Make sure that the following items are present:

- 1 console
- 1 NIBP cuff with its tube
- 1 ECG lead 5 electrodes
- 1 finger pulse oximeter
- 1 emergency stop wired control
- 1 air tube 6mm/4mm (10m.)
- 1 User manual

Pulsating suit box
Make sure that the box contains the following items:

- 1 right leg equipped with its tube
- 1 left leg equipped with its tube

Provided as optional extras: 1 air tube complying with hospital standards, cleaning products for pulsating suit, single-use non-woven undergarment, ECG patches.

4.3 Operating conditions

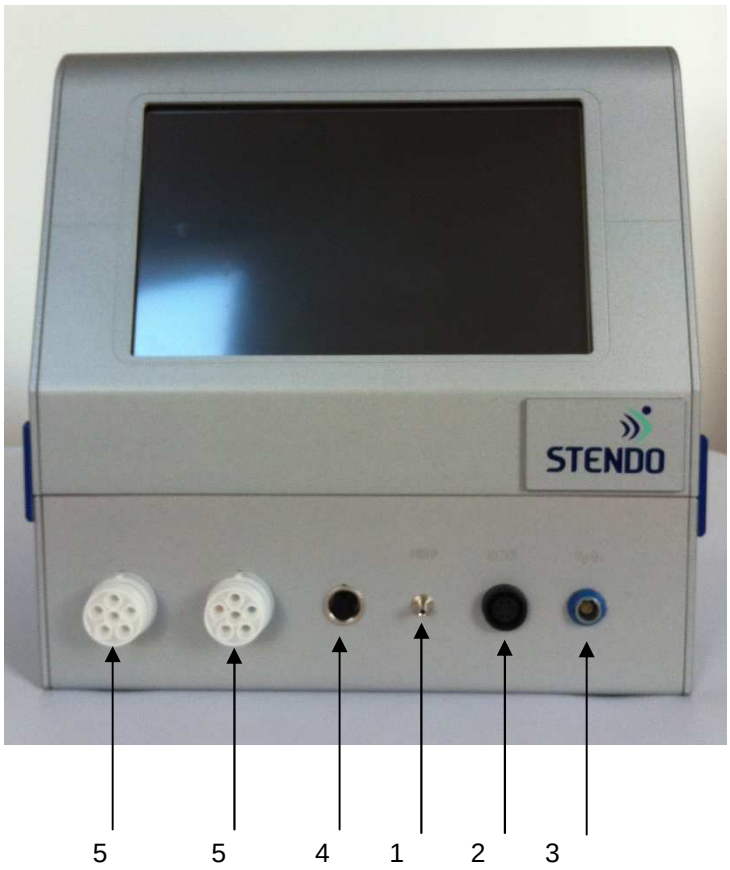
- Temperature: +15°C to +40°C
- Relative humidity: 30-85% (no condensation)
- Room pressure: 700-1060 hPa
- No corrosive gases in the atmosphere
- Supply voltage: AC 100-240V ~50-60 Hz
- Source of air that is clean (free of oil and dust) and dry with a minimum flow of 50 L/min and providing pressure of between 3 and 6 bar

4.4 Transport and storage conditions

- Temperature: 0°C to +60°C
- Relative humidity: 30-95% (no condensation)
- Room pressure: 500-1060 hPa
- No corrosive gases in the atmosphere

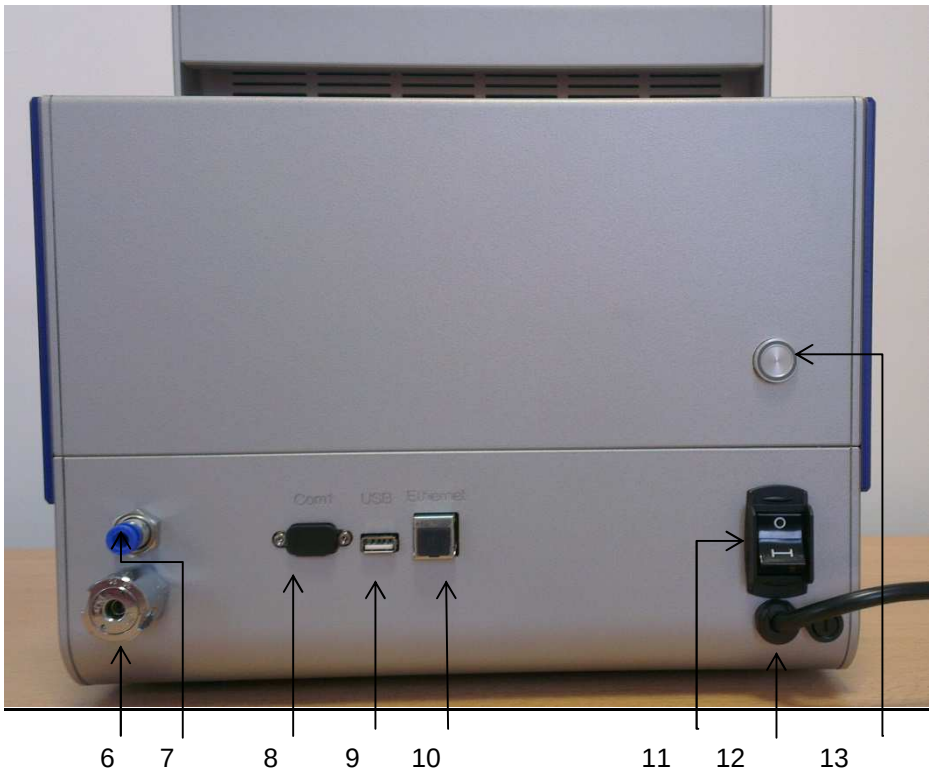
4.5 Installing the equipment

Panel at front of console



1 NIBP cuff connector
2 ECG lead connector 5 electrodes
3 Finger pulse oximeter connector
4 Emergency stop wired control connector
5 Pulsating suit leg tube connectors

Panel at rear of console



6 Standard hospital air supply connector
7 6mm/4mm diameter compressed air source connector
8 RS232 connector
9 Female USB socket
10 Ethernet connector
11 Power switch
12 Power cable
13 Reset button

Stage 1 placing the components

Place the console on a flat surface.
Place the pulsating suit flat on an examination table (see Chapter 5.6.1)
The console must be fairly close to the subject and therefore to the location of the pulsating suit, in such a way that the various leads connecting the subject to the console are not subjected to undue tension from any movement of the subject. Lighting above and around the system must be sufficient to allow the display to be clearly seen and read.

Stage 2 connecting console - compressed air source

The console must be connected to a source of air that is clean (no oil or dust) and dry, with a minimum flow of 50 L/min and providing a minimum pressure of 3 bars and a maximum pressure of 6 bars.
The console has two air source connectors. One is a standard hospital air source connector and the other is a 6mm/4mm tube connector (external/internal diameter).

Warning: *Connecting a single air supply is sufficient for the device to work properly. Do not connect both air supplies at the same time.*

Connect the 6mm/4mm air tube to socket 7 of the console, then connect it to the compressor.

If a standard hospital air socket is available, connect the standard hospital air tube (optional extra) to socket 6 of the console and to the hospital supply socket.

Stage 3 connecting suit - console

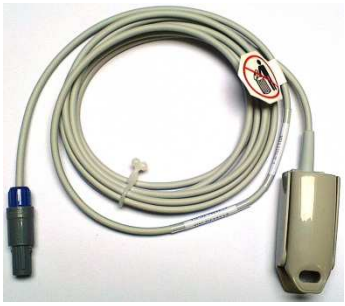
Connect the tubes of the left and right legs to sockets 5 of the console (no specific plug alignment necessary). Simply pressing the green button allows the tubes to be detached.

Stage 4 attaching the console connections

Connect the NIBP cuff to its tube then attached to socket 1 of the console

Connect the emergency stop control box to socket 4 of the console

Connect the ECG lead to socket 2 of the console



Connect the SpO2 finger pulse oximeter to socket 3 of the console

Stage 5 connecting to the electricity supply

Plug the power cable to the mains supply.

5 USE OF STENDO

5.1 Starting the Stendo system

Switch on the power to the console using switch 11.
Make sure the reset button (13) is lit up (green), if the reset button is red press to reset.

5.2 Appropriation of the graphical interface

The **STENDO CARE** software was specifically designed to ensure the easy control and command of the **STENDO** pulsating suit. It was designed to execute under the Microsoft Windows operating system. Once the console is switched on, and after the operating system is launched, the STENDO software starts up automatically.

The graphical interface of the **STENDO** software was designed to be viewed on a screen in "full screen" mode and to be used with a touchscreen.

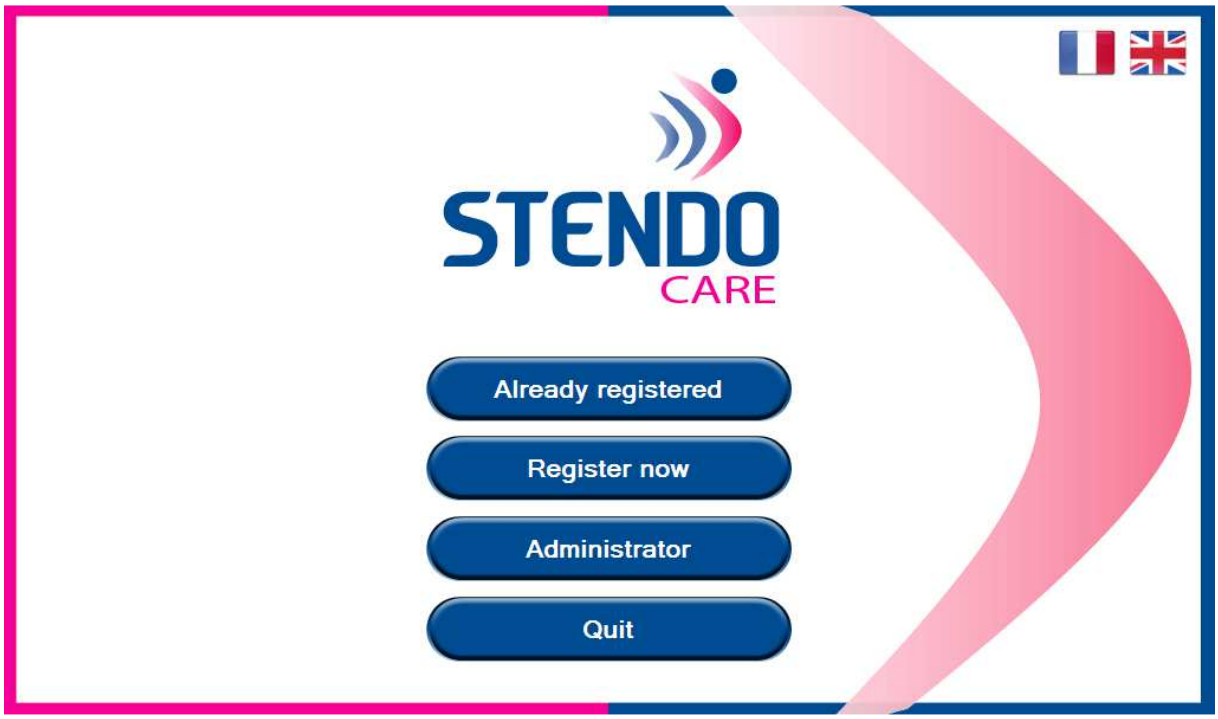


Figure 1: general view of the STENDO CARE software user interface

While the **STENDO** software is running, the operator may need to define certain parameters, choose certain options or validate certain messages. All of these operations are performed by the display of various windows. To make the application easy to use, we have defined a certain number of basic buttons that always have the same function and that are found in the various windows that can be displayed on the screen.

The “Validate" button is used to validate the input of a particular parameter, the choice of a particular option and the appearance of a message on the screen. Pressing this button closes the window to which it belongs. The parameter or the option takes the value defined.

The “Cancel" button is used to cancel the input of a particular parameter or the choice of a particular option. Pressing this button closes the window to which it belongs and the parameter or the option to be defined keeps its old value.

5.3 Patient preparation

5.3.1 Installing the patient in the clothing

Precautions

- Do not fold the lower body suit
- Do not use/inflate empty without the subject inside the suit
- Clean the internal lining with an antiseptic wipe (optional extra)
- Do not use any cytotoxic corrosive and allergenic cleaning products
- The subject must not wear a belt or any clothing that could pierce the lower body suit (metallic buttons, etc.) or shoes
- For reasons of hygiene, it is recommended that the subject should wear tights, leggings or similar (optional extra)
- Place the pulsating suit flat on an examination table or dedicated area close to the console
- Do not dispose of with general waste
- Store flat

Comment: The correct adjustment of the suit according to the size of each subject is essential for optimal efficacy of the Stendo session. It is important for the suit to be adjusted in such a way that there is a slight space between the suit and the legs of the subject (approximately the width of 2 fingers).

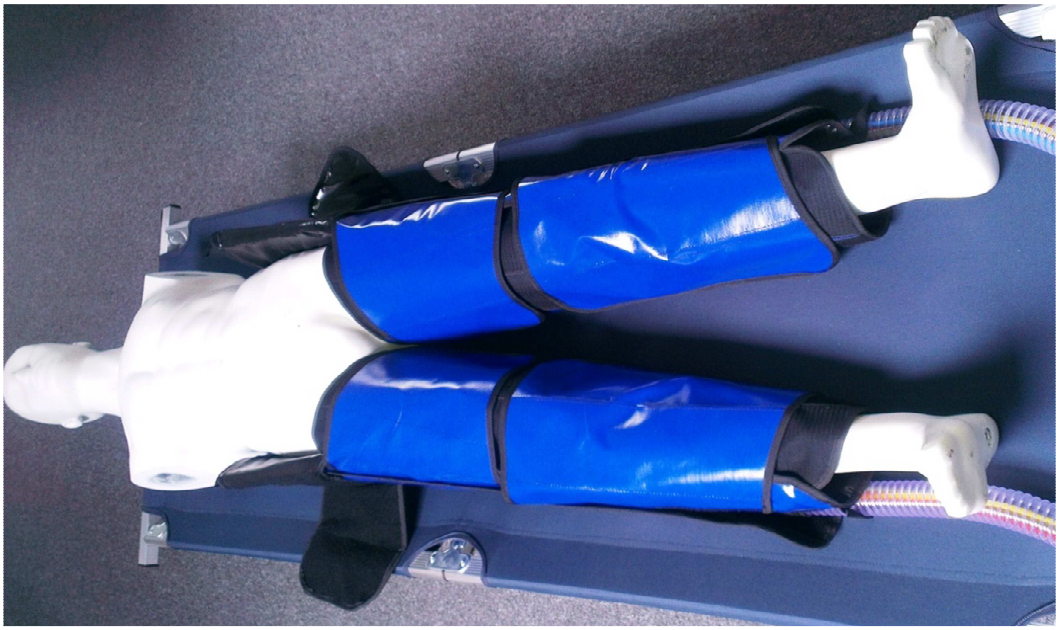
1 Unfold the lower body suit, internal lining facing upwards

2 Position the 2 internal edges of each leg vertically. Adjust the rear ventral Velcro of the suit according to the girth of the patient

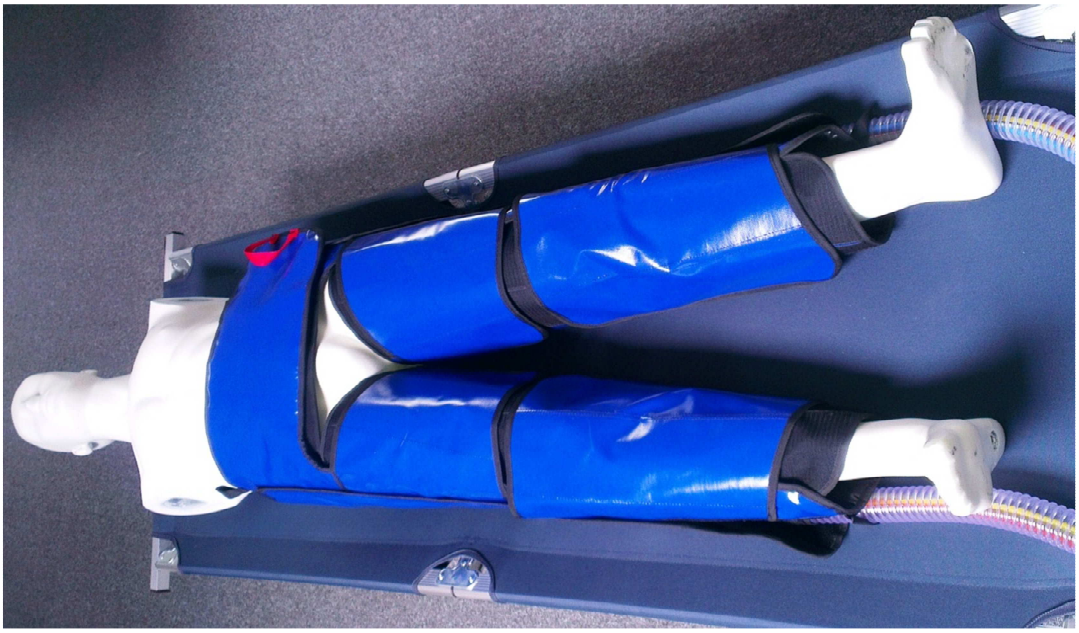
3 Place the subject on top of the suit in a supine position. For improved adjustment, ensure that the crotch of the lower body suit is as close as possible to the subject's groin.

4 Fold over each leg of the suit onto the leg of the subject and fix at the level of the calves using the velcros.

5 Fold over each leg of the suit onto the leg of the subject and fix at the level of the thighs using the velcros.

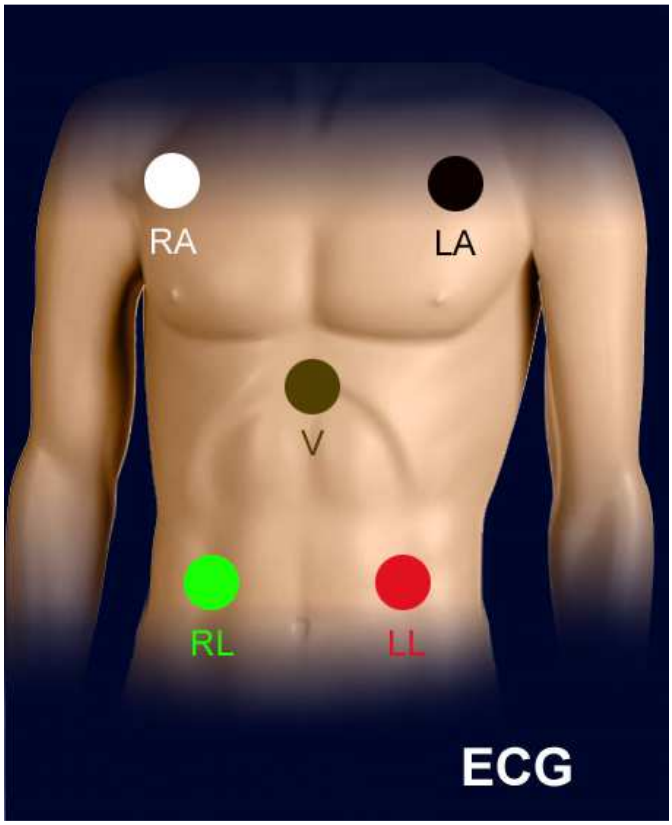


6 Adjust the ventral part



5.3.2 *Attachment machine – patient*

Once the subject is installed in the lower body suit, provide the subject with the emergency stop control in their left hand.
Attach the finger pulse oximeter to one of the fingers of the right hand.
Attach 5 foam electrodes, solid gel to the ECG leads LL, LA, RA, RL and V. Position the electrodes as follows:



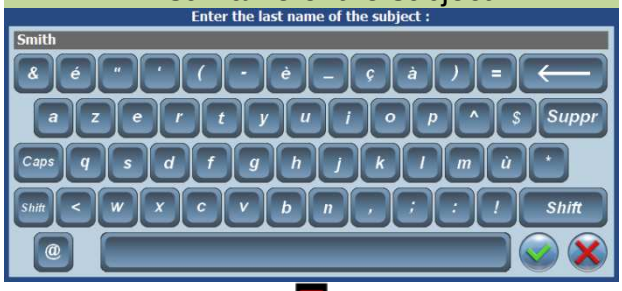
5.4 Definition of a subject

In order to start a session you first need to register the subject by clicking the icon register now.
This database allows the subject's data to be inputted before the session. Part of these data are provided purely for information. Some of these are compulsory, others are optional

On the screen press:

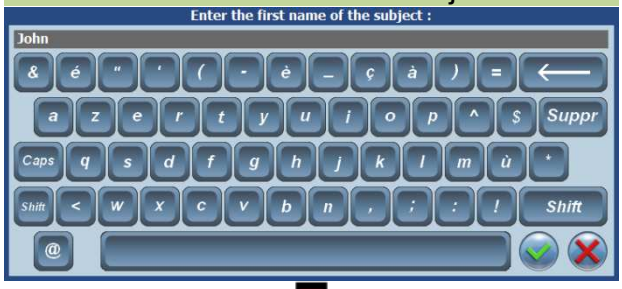
The following windows appear on screen, use the keyboard on screen to fill in the information and validate the information by pressing 

1: surname of the subject



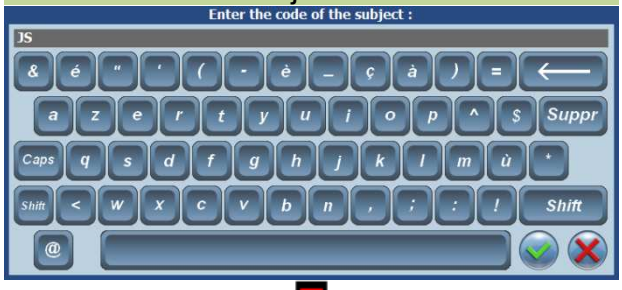
Field:	Last_Name
Type:	Alphanumeric
Min:	
Max:	

2: first name of the subject



Field:	First_Name
Type:	Alphanumeric
Min:	
Max:	

3: subject code

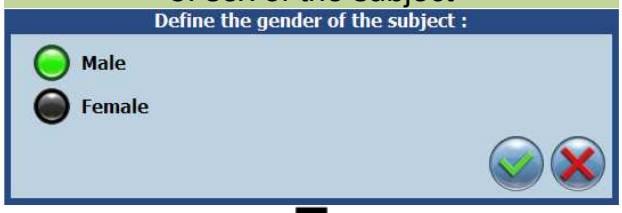


Field:	Code
Type:	Alphanumeric
Min:	
Max:	

4: date of birth

Field:	Birth_Date
Type:	Date (DD/MM/YYYY)
Min:	01/01/1900
Max:	

5: sex of the subject



Field:	Gender
Type:	Numerical
Min:	1 (male)
Max:	2 (female)

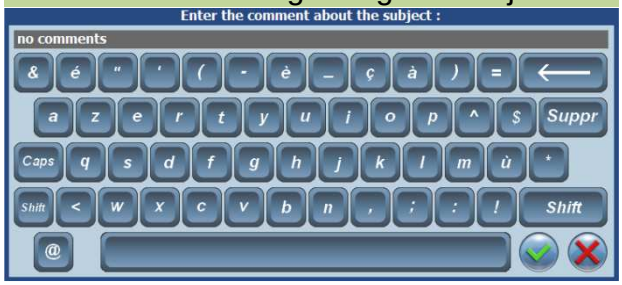
6: weight of subject

Field:	Weight
Type:	Numerical
Min:	1
Max:	

7: height of subject

Field:	Size
Type:	Numerical
Min:	1
Max:	

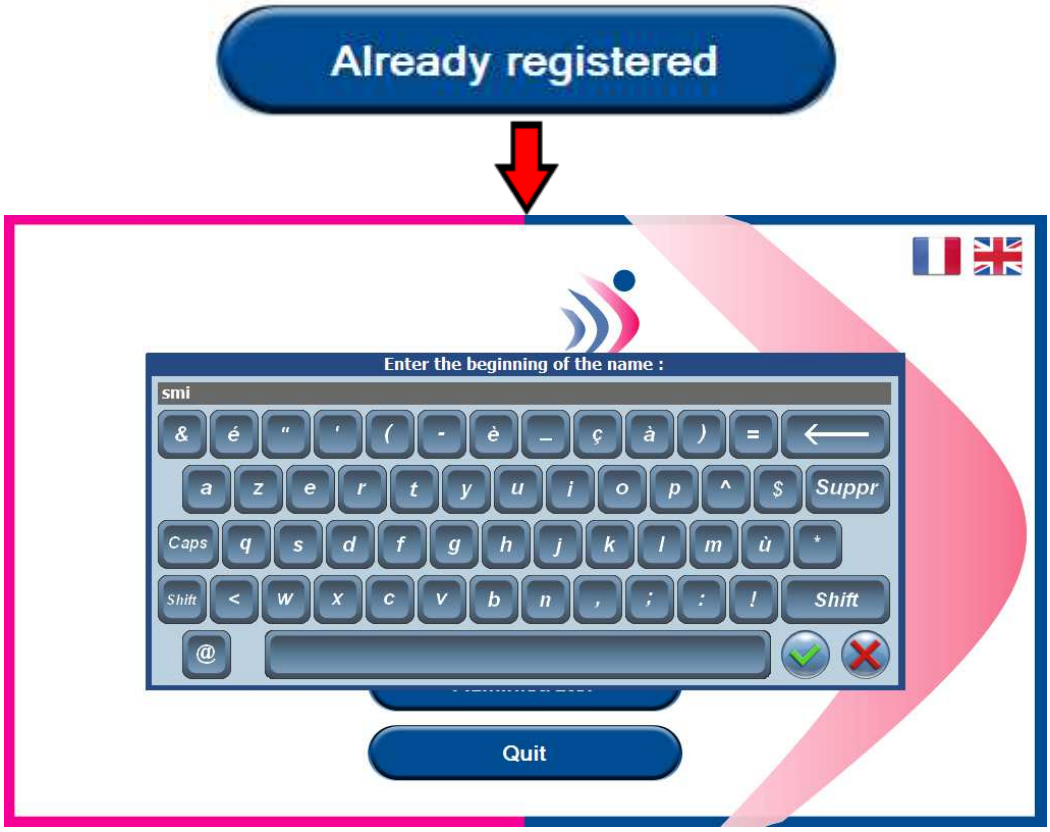
8: comments regarding the subject



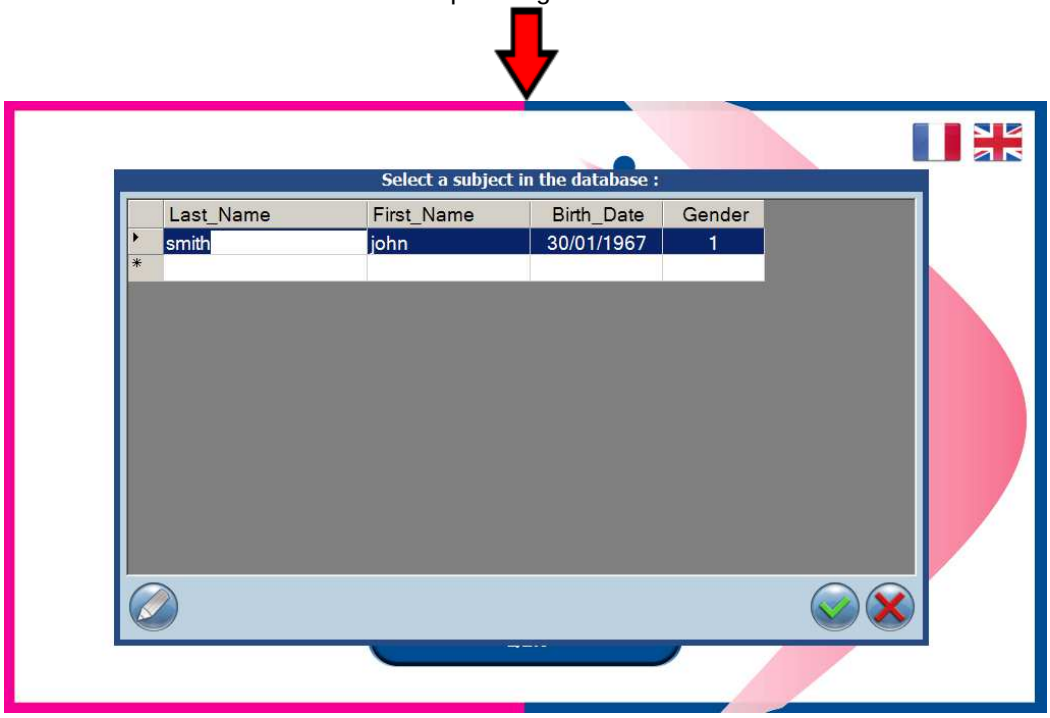
Field:	Comment
Type:	Alphanumeric
Min:	
Max:	

5.5 Initiation and description of a session

On the screen press:



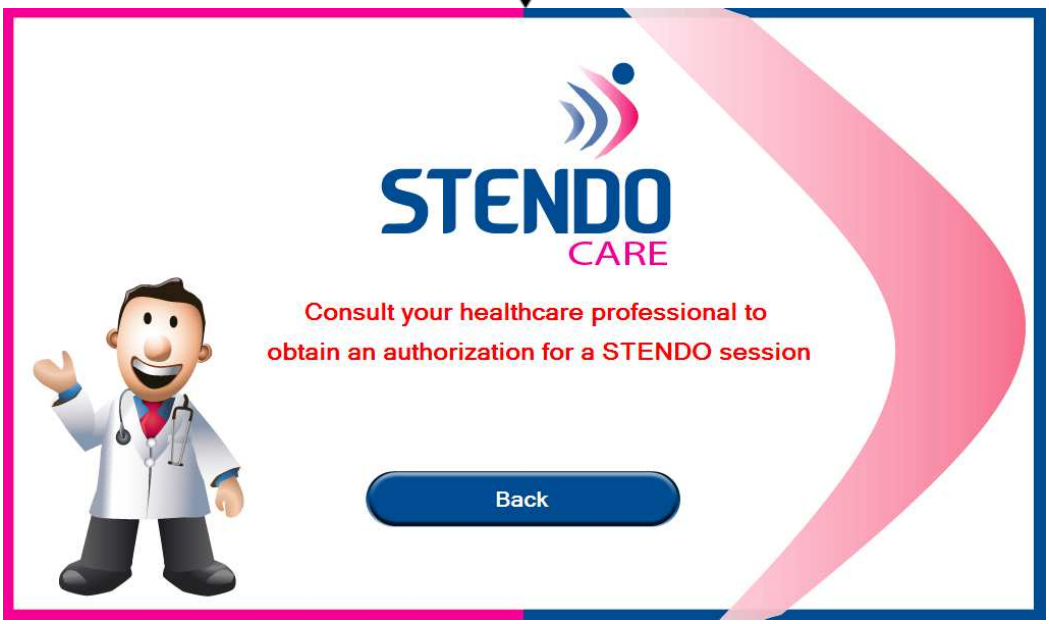
Use the keyboard on screen to enter the last name of the subject and validate the information by pressing .



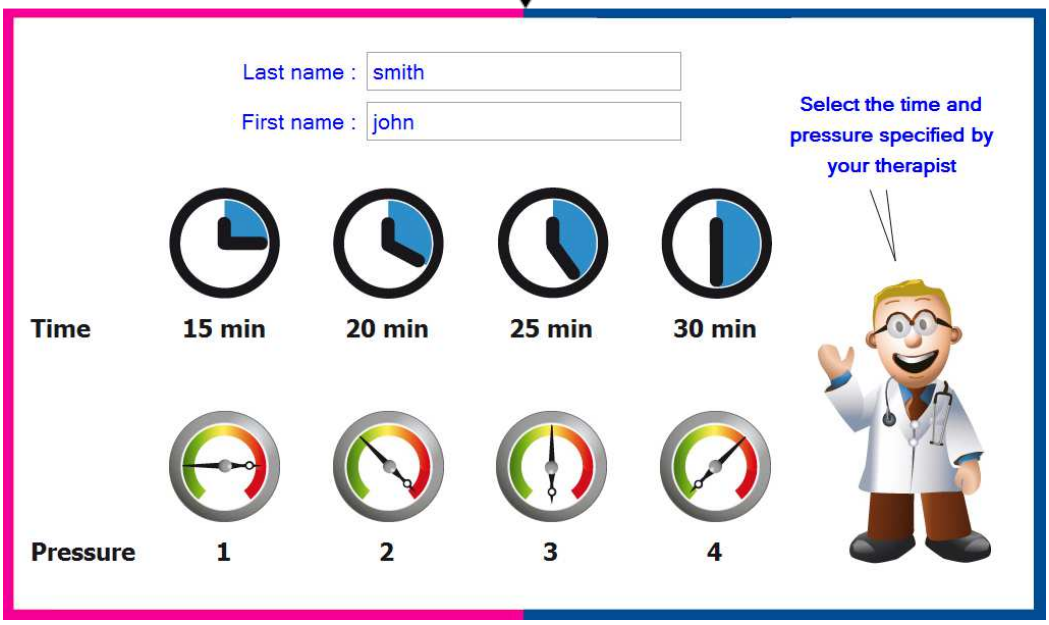
Select the subject in the database and validate your choice by pressing .

Carefully read the contraindications to the subject and verify whether they apply to him/her then answer the question by pressing either yes or no.

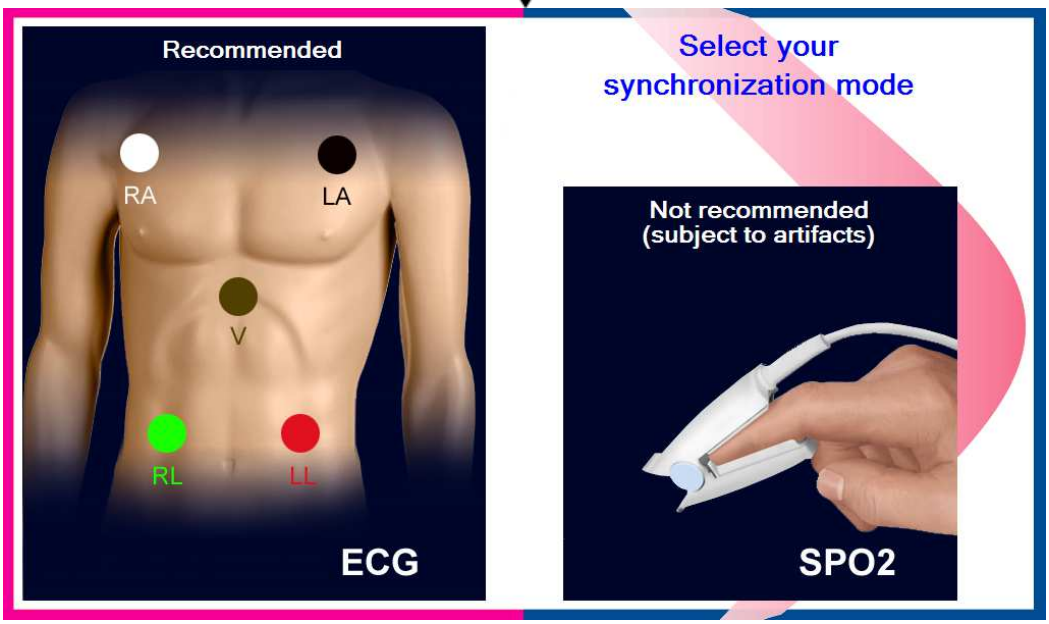
If at least one of the contraindications apply to the subject press YES



If no contraindications apply to the subject press NO

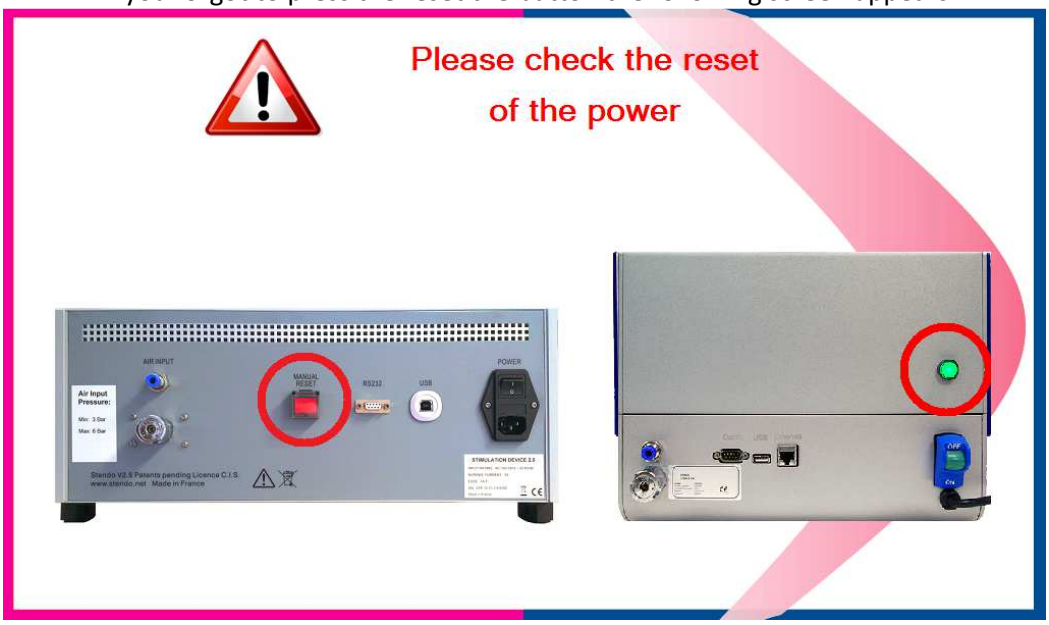


Select the time and pressure



Select one the of the two available synchronization mode. We strongly recommend selecting ECG

If you forgot to press the reset the button the following screen appears



Simply press the reset button (13), the light has to turn green
Once done the following screen appears.

ECG selected

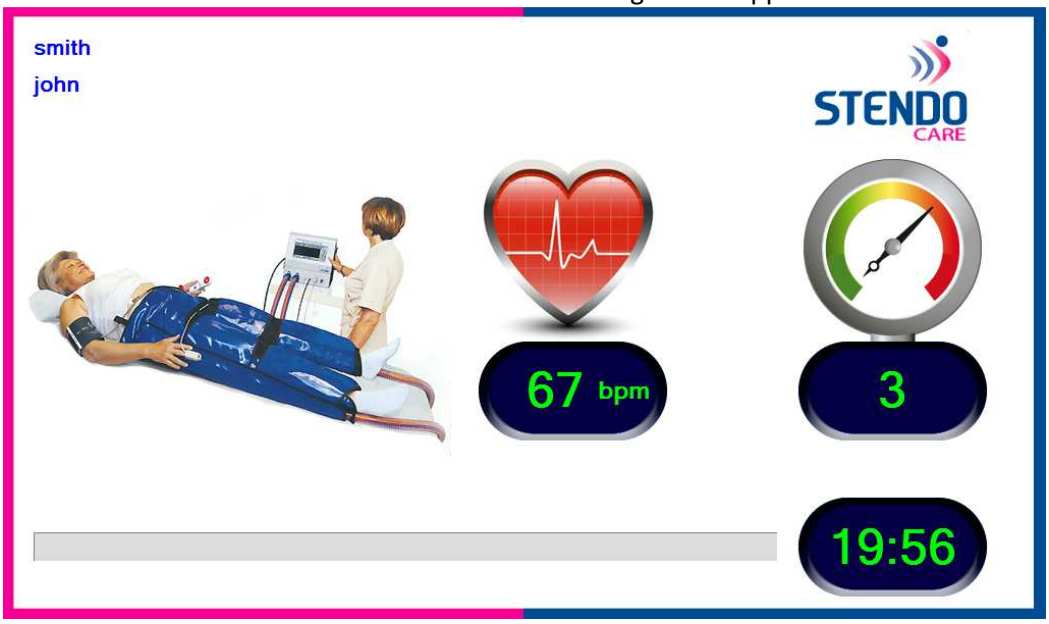
SPO2 selected

Follow the instruction on screen and described in chapter 5.3

Once the light turns green, you can start the session.

Press the start button on the screen OR Press the start button directly on the remote

The session starts and the following screen appears



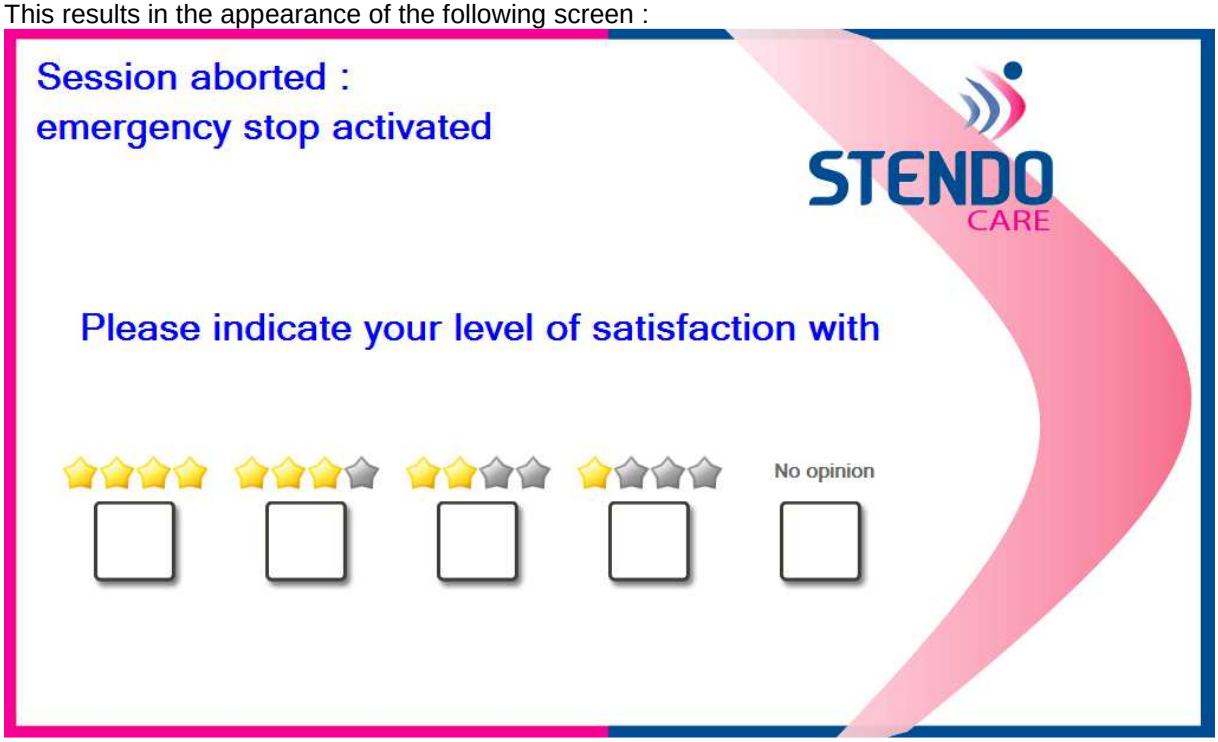
5.6 Emergency stop – Resuming after stopping

5.6.1 Emergency stop

As a safety measure, the Stendo system is equipped with an emergency stop wired control. This is handed to the subject at the beginning of the session, allowing the subject to stop the session at any time by simply pressing the "stop" button.

Pressing the "stop" button switches off the power to the air distribution block and switches off the power to the multi-parameter data card to prevent any unwanted blood pressure measurements.

This results in the appearance of the following screen :



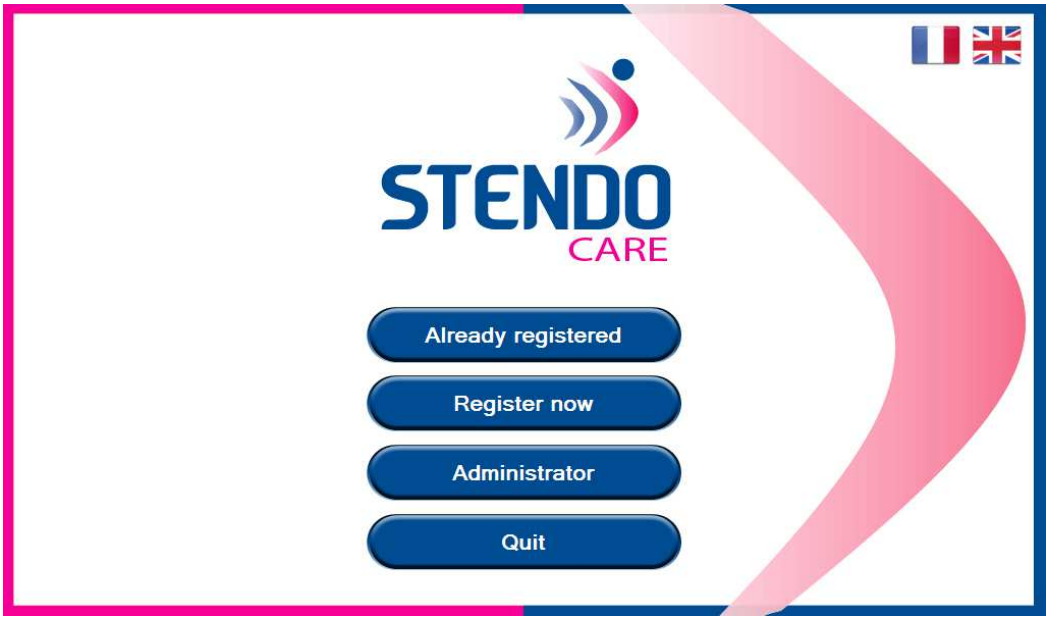
It is now not possible to restart the session without manual intervention by the operator.

5.6.2 Resuming after an emergency stop

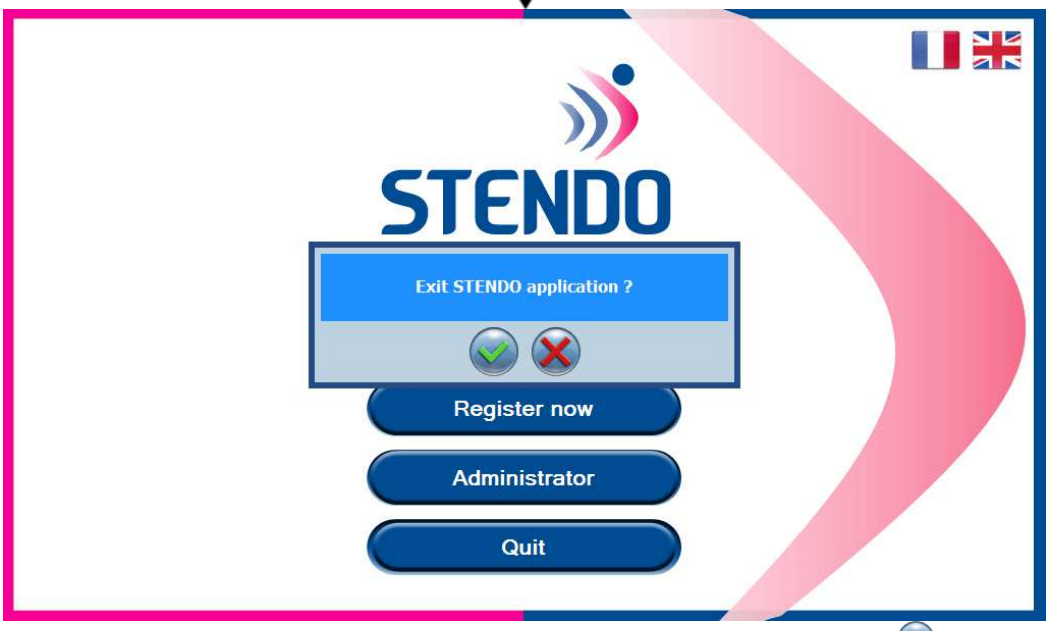
As previously indicated, it will only be possible to continue to use the system after an emergency stop with the manual intervention of the operator.

Reset the console by pressing a button 13 of the console. This step is imperative.

5.7 Turning off the console

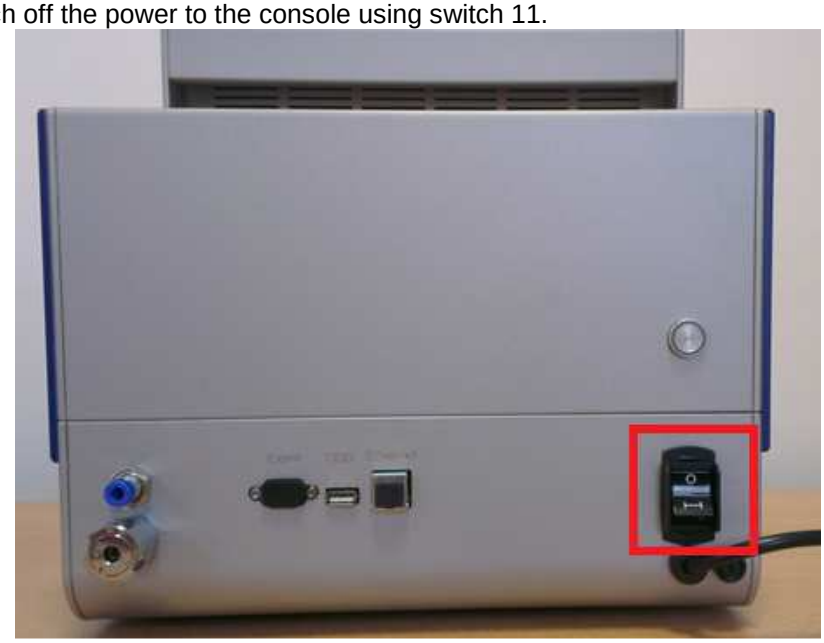


If you want to turn off the console simply press 



Confirm that you want to exit and turn off the console by pressing 

After exiting the program, the operating system automatically shuts down. Wait until the screen goes black then switch off the power to the console using switch 11.



6 IN CASE OF DIFFICULTY

The console does not switch on	Check that the power cable is correctly plugged to the supply socket (Chapter 4.5). Check that the power switch is set to the ON position (Chapter 4.5 button 11).
The solenoid valve emits a continuous noise	Check that the console is correctly connected to an air source that meets the recommended characteristics (Chapter 4.3 and 4.4). Check that the air source is switched on.
The suit does not inflate	Check that the suit is correctly connected to the console (Chapter 4.5). Check that the console is supplied with air from an air source that meets the recommended characteristics (Chapter 4.3 and 4.5). Check that the air source is switched on.
Windows is launched but the STENDO program does not start	You can double-click on the STENDO icon located on the Windows desktop.

If the problem persists, please contact your distributor.

7 Electromagnetic Compatibility Declaration

WARNING :

The use of accessories, sensors and cables other than those specified may result in increased emissions or decreased immunity of the STENDO V3 system.
The STENDO V3 system should not be used adjacent to or stacked with other equipment and that if adjacent or stacked use is necessary, the STENDO V3 system should be observed to verify normal operation in the configuration in which it will be used.

7.1 Cables length

Cables and sensors	Maximum length	Complies with
Console : • Supply cord • ECG lead set • SpO2 • Safety switch	 1,8m (5.9 ft) 3m (9.8 ft) 2,6m (8.5 ft) 3m (9.8 ft)	RF emissions, CISPR 11, Class B/Group 1 Harmonic emissions, IEC 61000-3-2 Voltage fluctuations/flicker emission, IEC 61000-3-3 Electrostatic discharge (ESD), IEC 61000-4-2 Electric fast transient/burst, IEC 61000-4-4 Surge, IEC 61000-4-5 Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11 Power frequency (50/60 Hz) magnetic field IEC 61000-4-8 Conducted RF IEC 61000-4-6 Radiated RF, IEC 61000-4-3

7.2 Electromagnetic Emissions

The STENDO V3 system is intended for use in the electromagnetic environment specified below. The customer or the user of the STENDO V3 system should assure that it is used in such an environment.

Emissions test	Compliance	Electromagnetic environment - guidance
RF emissions CISPR 11	Group 1	The STENDO V3 uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF emissions CISPR 11	Class B	The STENDO V3 system is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
Harmonic emissions IEC 61000-3-2	Class A	
Voltage fluctuations/ Flicker emissions IEC 61000-3-3	Complies	

7.3 Electromagnetic immunity

The STENDO V3 system is intended for use in the electromagnetic environment specified below. The customer or the user of the STENDO V3 system should assure that it is used in such an environment.

Immunity test	**IEC 60601 test level**	**Compliance level**	**Electromagnetic environment - guidance**
Electrostatic discharge (ESD) IEC 61000-4-2	± 6 kV contact ± 8 kV air	± 6 kVcontact ± 8 kVair	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%.
Electrical fast transient/burst IEC 61000-4-4	±2 kV for power supply lines ±1 kV for input/output lines	±2 kV for power supply lines ±1 kV for input/output lines	Mains power quality should be that of a typical commercial or hospital environment.
Surge IEC 61000-4-5	±1 kV differential mode ± 2 kV common mode	±1 kV differential mode ± 2 kV common mode	Mains power quality should be that of a typical commercial or hospital environment.
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	<5 % U_T (>95 % dip in U_T) for 0,5 cycle 40 % U_T (60 % dip in U_T) for 5 cycles 70 % U_T (30 % dip in U_T) for 25 cycles <5 % U_T (>95 % dip in U_T) for 5 sec	<5 % U_T (>95 % dip in U_T) for 0,5 cycle 40 % U_T (60 % dip in U_T) for 5 cycles 70 % U_T (30 % dip in U_T) for 25 cycles <5 % U_T (>95 % dip in U_T) for 5 sec	Mains power quality should be that of a typical commercial or hospital environment. If the user of the STENDO V3 system requires continued operation during power mains interruptions, it is recommended that the STENDO V3 system be powered from an uninterruptible power supply or a battery.
Power frequency (50/60 Hz) magnetic field IEC 61000-4-8	3 A/m	3 A/m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.
Note U_T is the a.c. mains voltage prior to application of the test level.			

7.4 Electromagnetic immunity, RF portable equipment

The STENDO V3 system is intended for use in the electromagnetic environment specified below. The customer or the user of the STENDO V3 system should assure that it is used in such an environment.

Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment - guidance
			Portable and mobile RF communications equipment should be used no closer to any part of the STENDO V3 system, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter. **Recommended separation distance**
Conducted RF IEC 61000-4-6	3 Vrms 150 kHz to 80 MHz	3V	$d = 1{,}2\sqrt{P}$
Radiated RF IEC 61000-4-3	3 V/m 80 MHz to2,5 GHz	3V/m	$d = 1{,}2\sqrt{P}$ 80 MHz to 800 MHz $d = 2{,}3\sqrt{P}$ 800 MHz to 2,5 GHz where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in metres (m). Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey, [a] should be less than the compliance level in each frequency range. [b] Interference may occur in the vicinity of equipment marked with the following symbol: 

NOTE 1 At 80 MHz and 800 MHz, the higher frequency range applies.

NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

[a] Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the STENDO V3 system is used exceeds the applicable RF compliance level above, the STENDO V3 system should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as re-orienting or relocating the STENDO V3 system.

[b] Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3 V/m.

7.5 Recommended separation distances

The STENDO V3 system is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the STENDO V3 system can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the STENDO V3 system as recommended below, according to the maximum output power of the communications equipment.

Rated maximum output power of transmitter W	**Separation distance according to frequency of transmitter**		
	150 kHz to 80 MHz $d = 1{,}2\sqrt{P}$	**80 MHz to 800 MHz** $d = 1{,}2\sqrt{P}$	**800 MHz to 2,5 GHz** $d = 2{,}3\sqrt{P}$
0,01	0.12 m (0.4 ft)	0.12 m (0.4 ft)	0.23 m (0.8 ft)
0,1	0.38 m (1.2 ft)	0.38 m (1.2 ft)	0.73 m (2.4 ft)
1	1.2 m (3.9 ft)	1.2 m (3.9 ft)	2.3 m (7.4 ft)
10	3.8 m (12.5 ft)	3.8 m (12.5 ft)	7.3 m (23.9 ft)
100	12 m (39.3 ft)	12 m (39.3 ft)	23 m (75.4 ft)

For transmitters rated at a maximum output power not listed above, the recommended separation distance d in metres (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.

NOTE 1 At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.

NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

8 MAINTENANCE

8.1 Routine maintenance of the console

Routine maintenance must be performed once a month in accordance with the following procedure:

• Turn the monitor power switch off and unplug from the mains supply
• Clean the box, the front and rear panels with a damp soft cloth using hot soapy water. Use only a mild soap or detergent. Allow to dry completely before use.
• Carefully inspect the power cables and connector to check there is no mechanical damage. In case of damage, proceed to replace the damaged component with an original STENDO replacement part. Do not attempt to repair.
• Plug the power cable to the mains supply
• Turn the monitor power switch off and then on again.

WARNING

The monitor must be switched off and disconnected from the mains supply before cleaning.
The sockets and connectors must be kept scrupulously clean and dry. Do not allow any liquid to enter the device.
Follow the instructions above to clean the monitor. Do not use abrasive agents or chemical products not recommended in this manual.

8.2 Routine maintenance of the suit

Clean the internal lining of the suit with an antiseptic wipe after each use; do not use any cytotoxic corrosive and allergenic cleaning products

8.3 Yearly maintenance

The device must undergo yearly maintenance by a STENDO approved technician.

8.4 Life expectancy

The STENDO console has an estimated life expectancy of 10 years.
The pulsating suits have an estimated life expectancy of 1 year.

8.5 Disposal of the device

This symbol, representing a bin/garbage can on wheels with a bar across it, means that this product is covered by the European directive 2002/96/EC.
The electrical and electronic components must be disposed of separately in bins/trash cans specially intended for this purpose.

DO NOT INCINERATE THE DEVICE