CSM Refill Manual

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English
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1   About this Manual

This manual is intended to assist the user in refilling CSM sessions to the Cerebral State Monitor (CSM) in a safe and efficient manner.

2   Keys and Controls Overview of the CSM

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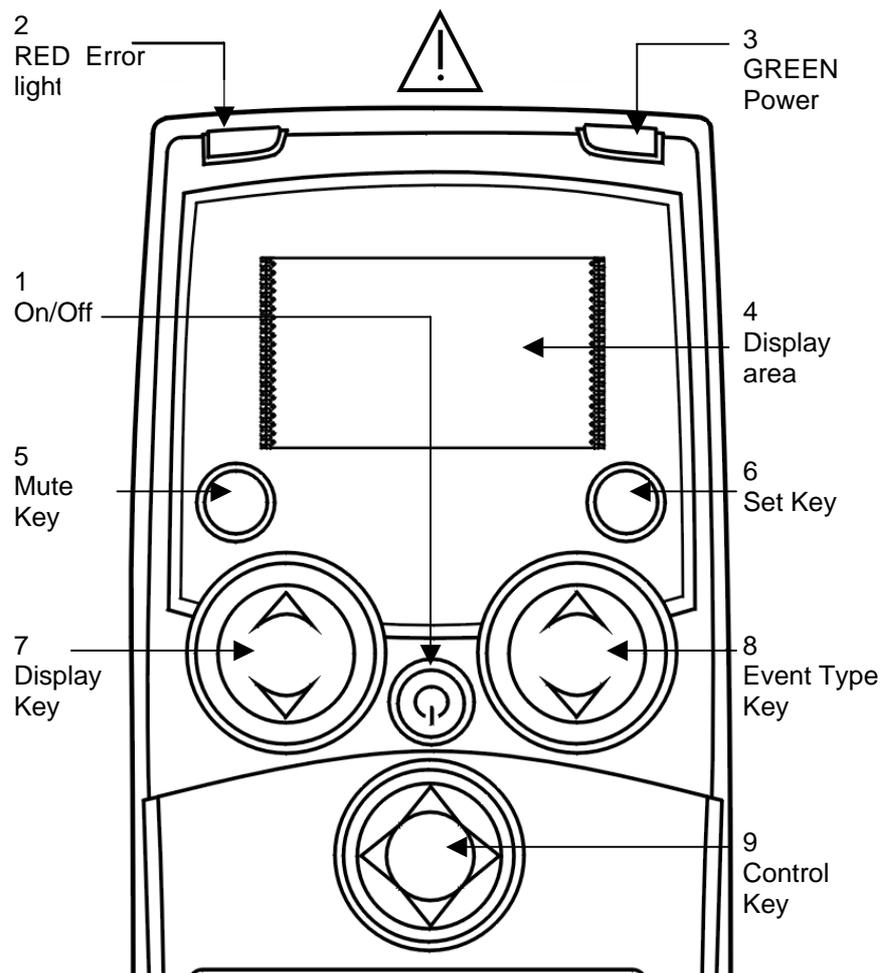
For further information please refer to the CSM User Manual.

3 Session information

3.1 When is a session consumed?

- One session is consumed 5 minutes after the first appearance of the CSI index.
- During continuous use one session is consumed every 24 hours.

3.2 Information on Sessions left

The number of sessions left can be checked during normal operation. Press and hold down the Mute Key (5)
The Display will show:

SN   xxxxxxxxxx
Sessions   xxx
Sessions left   xxx

SN: Monitor serial no.
Sessions: No. of sessions used.
Sessions left: No. of sessions left before a refill is needed.

3.3   Number of Sessions left reminder

When 10 or fewer sessions remain, the monitor displays the number of remaining sessions.

When CSM is turned on the following appears in the display:

Cerebral
        State
                Monitor
hh:mm:ss dd/mm-year
Sessions left

Press Mute   9

If the CSM is connected to a patient when turned on, the above information appears for 2 seconds whereupon normal operation will continue.

When the "sessions left" reminder is shown, the CSM should be refilled. This can be done either by a Session Code for this actual CSM or by a CSM dispenser.

If the number of sessions reaches zero, the monitor continues normal function for the ongoing session.
The CSM cannot start a new session until it has been refilled. This can be done either by a Session Code for this actual CSM or by a CSM dispenser.

3.4   How to order a Session Code

Please have the following information ready before contacting your supplier.

> Serial No. of the CSM
> Number of sessions required

3.5   Receiving Session Code

When you receive a session Code for CSM it is accompanied by a package of CSM Procedure Packs that equals the number of sessions ordered as well as the following information:

Serial Number	Indicates which device the Session Code belongs to. A Session Code can only be used for the device in question.
No. of Sessions	States how many new sessions the Session Code gives access to when entered.
ID	Sequential number used to identify the Session Code.
Session Code	States the Session Code to be entered in the CSM.

4 Refill the CSM

4.1 Refilling the CSM by Entering Session Code

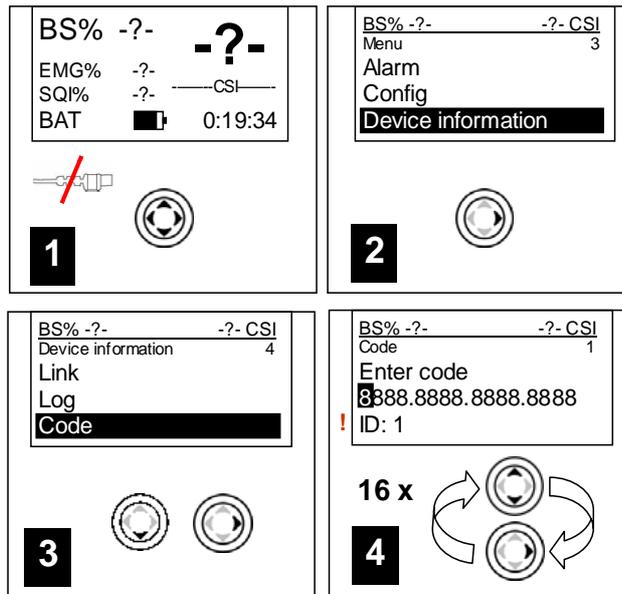Refilling in this way adds a number of sessions to the actual sessions left.
- Session Codes can only be used <u>once</u>

Turn on the CSM (without patient cable).

If less than 10 sessions are left: Press Mute Key (5).
If any CSM link serial No. appears in the display, select cancel.

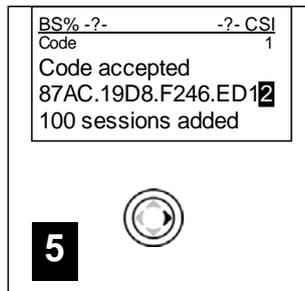Follow the 4 steps as shown below:

Use the up/down arrows of the Control Key (9) to select the No./ letter of the code.
Use right/left arrows of the Control Key (9) to go to next/previous No./letter.

When the Session code has been entered, exit the screen and accept the Session Code by pressing the Control Key (9) to the right.

The following screen will appear:

```
┌─────────────────────────┐
│ BS% -?-          -?- CSI │
│ Code                  1  │
│ Code accepted           │
│ 87AC.19D8.F246.ED1▇      │
│ 100 sessions added      │
│                         │
│        ╭─────╮          │
│        │ ◖ ▸ │          │
│   ▇    ╰─────╯          │
│   5                     │
└─────────────────────────┘
```

To regret/cancel the entered numbers exit the screen by pressing the Control Key (9) to the left.

Should the Session Code not be entered correct, one of the following messages will appear:

Check code	One or more numbers/letters have been wrongly entered. Check the entire Session Code by comparing it with the Code received from you supplier.
Wrong SN	The Session Code is correct but it does not belong to this CSM. Make sure the CSM is not in a dispenser zone. If the CSM is in a dispenser zone the system will try to send the code to the dispenser and this will result in this error message.
Wrong ID	The Session Code is correct but it is an already used Session Code.

Turn off the CSM.

4.2   Refilling the CSM from the CSM Dispenser

If a CSM Dispenser is available the CSM can be refilled from the CSM Dispenser, see CSM Dispenser manual for instructions.