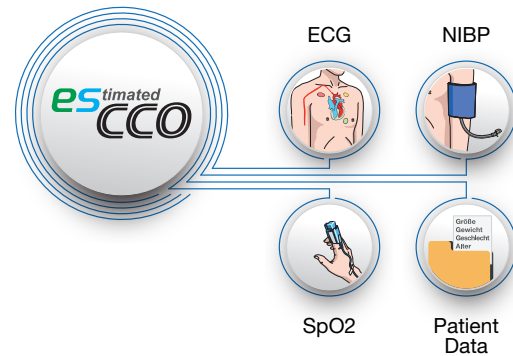


esCCO Application Quick Guide

esCCO

esCCO (estimated Continuous Cardiac Output) is a trend method to measure cardiac output (CO).

Pulse Wave Transit Time (PWTT) and the default monitoring parameters ECG, SpO₂ and NiBP are used for analyzing cardiac output in a continuous and non-invasive way and in real-time.

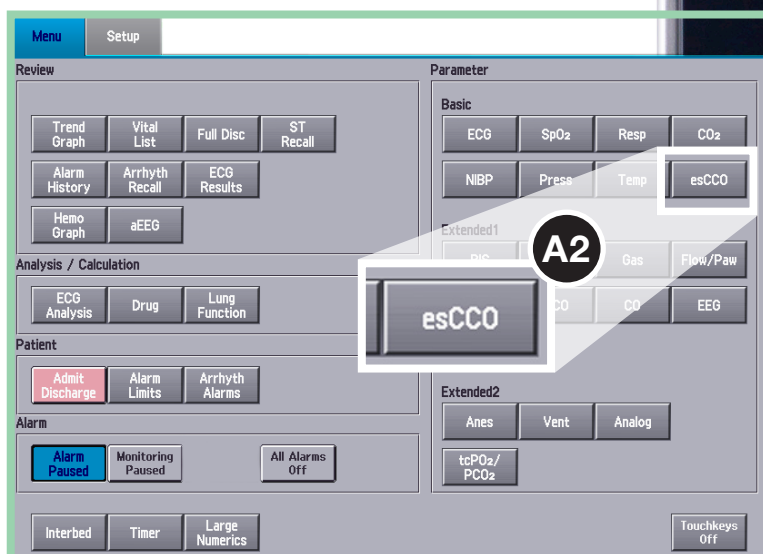


Preparing the patient

- Attach the ECG electrodes, the NiBP blood pressure cuff and the pulse oximeter sensor.
- Check the patient monitor for pulse oximeter and ECG and perform a NiBP measurement.

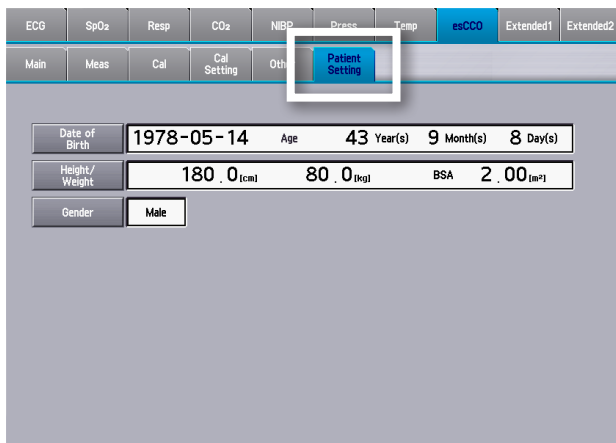
Open the esCCO application screen – 2 options

- Select the Menu/Main (A1) control panel, then select the esCCO (A2) field in the function overview;
- Touch directly on the esCCO display area (B) on the main screen.



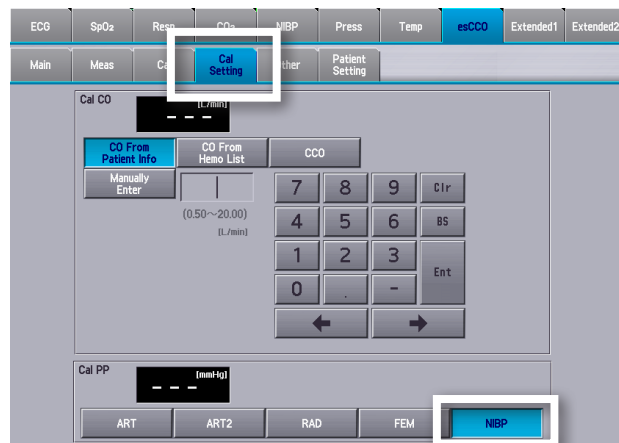
“Patient Setting” Submenu

Enter the patient's date of birth, height, weight and gender.



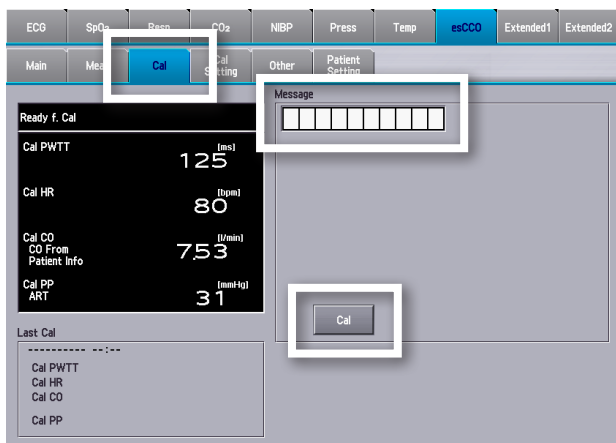
“Cal 2” (Calibration 2) Submenu

Select the blood pressure source.



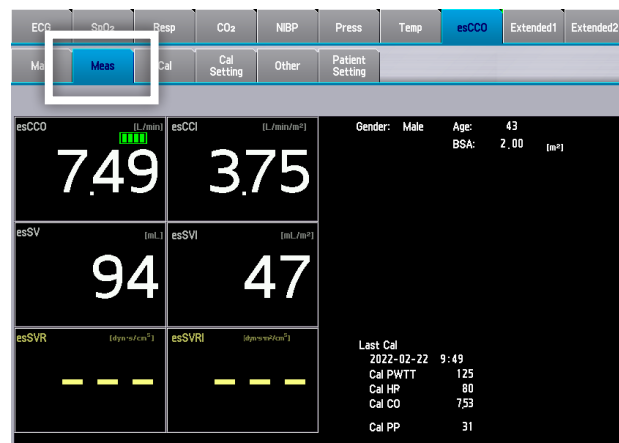
“Cal 1” (Calibration 1) Submenu

Follow the progress of the calibration here. If the calibration is successfully prepared, the "Cal" button appears in the same window. Calibration is performed by pressing the key and esCCO is available as a trend measurement method.



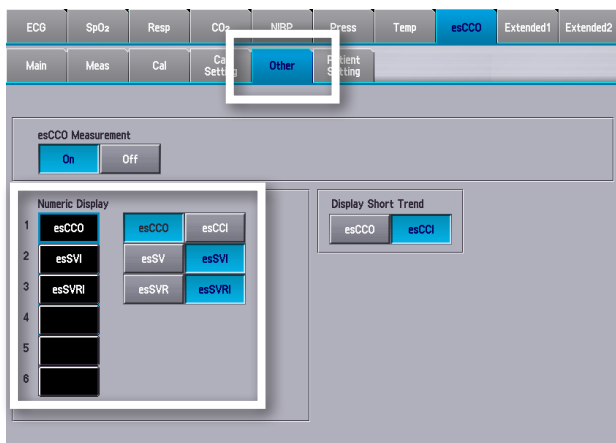
“Meas” (Measurement) Submenu

If you select the "Meas" (measurement) submenu, all of the calculated parameters are displayed.



“Other” Submenu

In the "Other" submenu you can select the numeric values to be displayed on the main screen. You can choose absolute values and indexed values.



Color Indicator (Main Screen)

The color indicator on the main screen indicates the accuracy of the measurement process.



- Green indicator with 4 bars: Optimal measurement



- Yellow indicator with 2 bars: Measurement is in progress, there are artifacts



- Red indicator without a bar: Measurement is faulty; check ECG, SpO2 and NIBP