

UHS RSCH ICU Neurosurgical Prompt Cards

Codman CereLink ICP Monitor Set Up

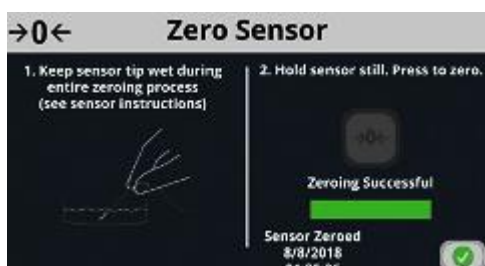


FIRST STEP: Preparing sensor for ICP bolt insertion

1. Plug in & switch on by holding down power button for 1 second (power button lights up blue when powered on)
2. Connect ICP Extension Cable to yellow connector on CereLink



3. Connect ICP Sensor to the ICP Extension cable
4. Press the Home tab, then press Zero Sensor on the CereLink monitor
5. The clinician will lay tip of catheter flat in a shallow pool of water/saline (do not submerge). Hold sensor still
6. Press 'Ready to Zero' tab
7. When zeroing successful, the date & time will display and the zero reference is stored automatically



8. Confirm Mean ICP Value is zero on ICP Waveform Screen - repeat zeroing process if needed
9. Press Accept – ICP sensor ready for implantation

SECOND STEP: Connecting patient lead extension

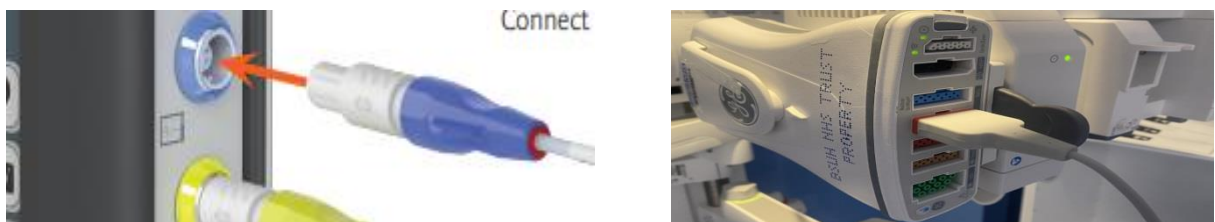
1. Place ECG electrode on patient (can be placed anywhere as long as skin healthy)
2. Connect patient lead of extension cable to ECG dot
3. Secure patient lead to prevent tension on ECG dot



NB: The patient lead of the extension cable must always be attached to the patient via an ECG electrode to ensure reliable performance of the sensor

THIRD STEP: Calibrating Bedside Monitor

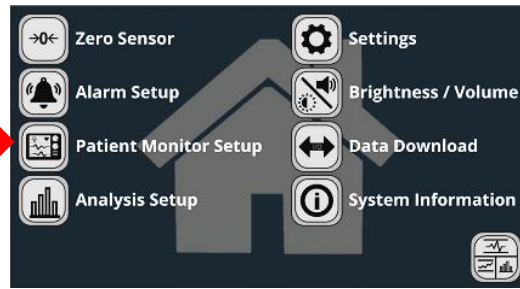
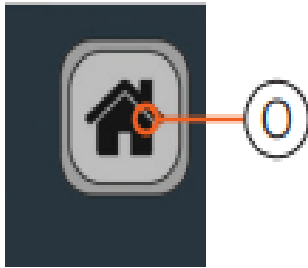
1. Connect Interface cable blue port to blue end/red part to PDM (any port)



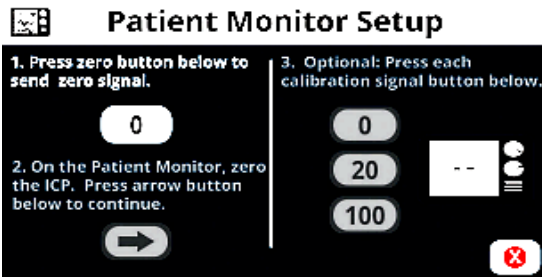
2. Change Label on patient bedside monitor to ICP if needed



3. Select 'Patient Monitor Setup' on CereLink Home Screen

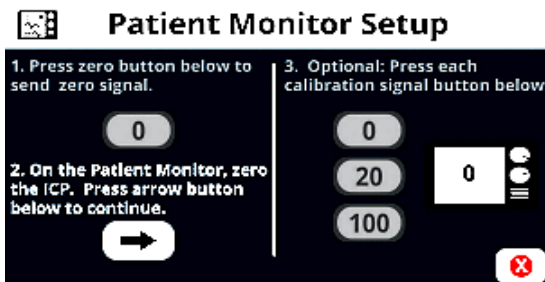


4. Start Calibration by selecting '0' button.

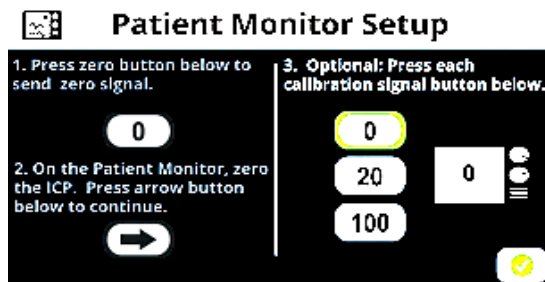


5. Zero the pressure input on bedside monitor – wait until bedside monitor displays '0'

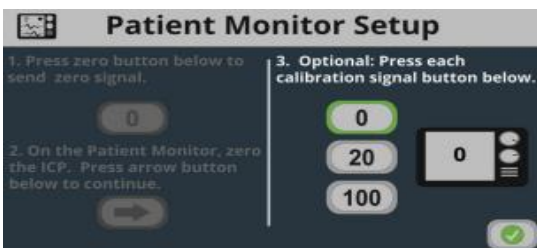
6. Press arrow button to continue syncing



7. Optional - Press 0, 20 & 100 one at a time to confirm correct calibration & scaling of bedside monitor



8. Press Green Tick when calibration and scaling complete



9. Press Screen Toggle button (bottom right hand of screen) to exit Home menu and return to Waveform screen

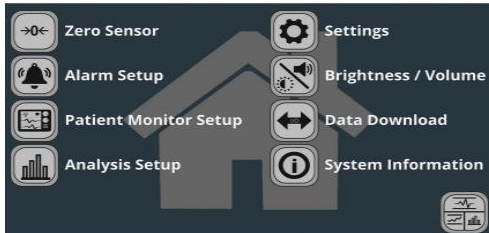


FOURTH STEP: Setting Alarm Limits

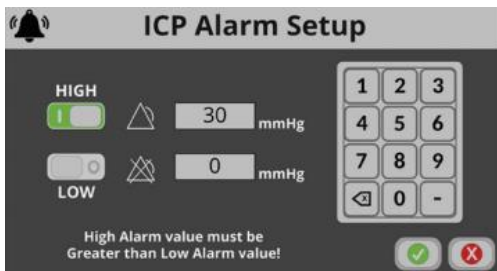
1. Press Home Button



2. Choose Alarm Setup on Home Screen



3. Set High & Low Alarm Limit for ICP. Alarm limits can be turned on and off with the buttons on the left. Green = On



4. Press Green Tick to Accept Parameters
5. Press Screen Toggle button (bottom right hand of screen) to exit Home menu and return to Waveform screen

