

UHS RSCH ICU Neurosurgical Prompt Cards

Codman 'ICP Express' Monitor set up

FIRST STEP: Preparing sensor for ICP bolt insertion

1. Switch on Codman Express box – listen for 'beep'
2. The monitor will display 'NO TRANSDUCER DETECTED'



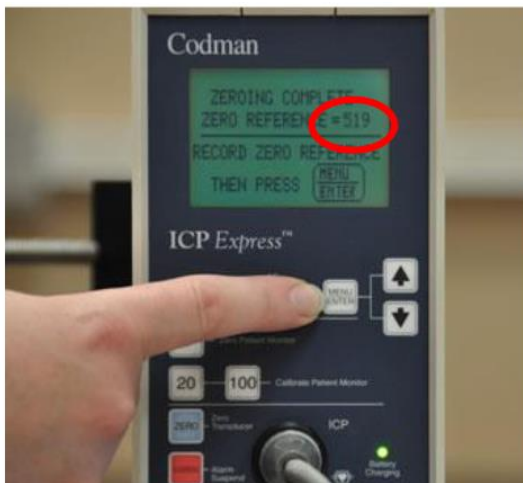
3. Connect the Codman Microsensor to the Codman Express cable



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4. The monitor should now display 'TRANSDUCER DETECTED'
(If this screen asks you to accept a reference number at this point, prior to zeroing, turn off the Codman Express box and return to step 1)
5. The clinician will submerge the sensor tip **horizontally** into a sterile tray of water
6. The monitor displays 'PRESS ZERO TO ZERO TRANSDUCER'
And whilst sensor submerged, press the **BLUE P→0** button
7. A 3 digit reference number will be displayed on the screen – **make a clear record of this in the medical notes and on the sensor itself**



8. Press 'MENU' button – and now the ICP catheter can be inserted

SECOND STEP: preparing bedside monitor

- A. Insert **RED PRESSURE TRANSDUCER CABLE** from Codman Express box into the bedside monitor. The Codman Box will prompt 'ZERO PATIENT MONITOR' – carry out a monitor zero (same process as you use for arterial or central lines)
- B. Once monitor displays '0' – press 'MENU' on the Codman Box, you will be prompted to select a calibration signal: press the '20' button on the Codman Box. Once '20' displays on the bedside monitor, press 'MENU' on the Codman Box to validate calibration. The process is now complete