Monitor Setup

1. Connect the Y-adapter cable (BC10PMO) to the blue and green ports on the right side of the Licox monitor

2. Connect the Y-adapter cable (BC10PMO) to the combined PtO2/temperature probe cable (PMOCAB)

3. Insert the Smart Card (packaged with the IP2P probe) into the slot on the right side of the monitor
   • Align arrow on card with arrow on label

4. When message appears on screen, press ACCEPT
   • This will trigger an alarm indicating the Smart Card is reading a low PtO2 number

5. Silence the alarm by pressing the flashing alarm signal
   • This will temporarily silence the alarm for 3 minutes

NOTE: When using the IP2P kit, the 1104L Camino® monitoring system catheter, CAMCABL connecting cable, and CAM02 Camino monitor are all required to monitor ICP. See 1104L and CAM02 quick start guides for technique details.

The purpose of connecting the combined PtO2/temperature probe to the monitor prior to implantation is to verify the functionality of the probe before clinical use; it is not a requirement for calibration, as each PtO2 probe includes a designated Smart Card. When connecting the probe to the monitor prior to implantation, ensure that sterility is maintained.
**Integra® Licox® Brain Tissue Oxygen Monitoring**

**IP2P Complete Brain Probe Kit**

IP2P kit contains combined oxygen and temperature probe (CC1P1) and double lumen introducer kit (IP2). The IP2 includes a lumen to allow for ICP monitoring with the Camino® monitor. The Camino 1104L is purchased separately.

**Probe Placement**

1. Prepare sterile field: clip hair, prep skin, drape area, open skin.
2. Using drill bit from Licox kit, create burr hole and rinse with saline.
3. Rotate the blue free rotating lock clockwise onto the introducer.
4. Place bolt into skull, secure by turning clockwise (skin may be secured if desired).
5. Ensure that there is a clear path through the skull using the stylet.
6. Holding introducer above the compression cap, rotate until it drops into the elliptical channel (introducer tip reaches approximately 20 mm out of the bolt).
7. Rotate the compression cap one full turn to hold in place.
8. Remove the guidewire from the introducer labeled “pO2”.
9. Remove the protection tube and insert the probe into the introducer as far as possible.
10. Open dura using #11 blade to make a cruciate incision.
11. Remove the ICP obturator from the introducer labeled “ICP”.
12. Place the 1104L catheter into the introducer and secure the luer connection.
13. Grasp the white plastic sleeve and retract the 1104L catheter until the black ring is visible above the white sleeve; then, tighten the bolt adaptor fitting compression cap.
14. Tighten compression cap tightly onto the bolt to secure probe (do not overtighten, finger tight only).
15. Ensure connections to the Licox monitor using the Y-adapter cable (BC10PMO) and the combined PtO2/temperature probe cable (PMOCAB).

**Prior to insertion, the 1104L must be connected to the Camino monitor and zeroed in accordance with its instructions for use.**

**When using the combined probe, the Licox monitor measures the temperature and compensates automatically.**