

INTRA-ABDOMINAL PRESSURE

CUHG1-INT

Connect the Luer-Lock adaptors to the three-way stopcock (Figure 1).

Remove the cap at the proximal end of the Compass® device and connect the needleless valve connector (Figure 2). Then add the extension tubing to the distal end of the Compass UniversalHg (Figure 3).

Prime the Compass UniversalHg prior to attaching it to the three-way stopcock (Figure 4). Scan the QR-code for instructions on how to prime Compass UniversalHg.

Attach the Foley catheter to the white Luer Lock connector and the urine meter to the green Luer-Lock connector (Figure 5).

Ensure the channel is free of any sediment or blockages and there is sufficient fluid to ensure accuracy of measurements from Compass UniversalHg. Rinse the channel if necessary by connecting a syringe pre-filled with saline solution to the needleless valve connectors (Figure 6).

We now have the complete system assembled and ready to read.

Pressure Measurement

Confirm that the Compass UniversalHg is positioned by the mid-axillary line (level of the urinary bladder).

Activate and calibrate the Compass UniversalHg by pressing the blue power button for approximately one second until the display reads '00 mm' (Figure 3).

Using the three-way stopcock, open the connection between Compass UniversalHg and the Foley catheter.

Inject 20-ml of saline via the needleless connector and Compass UniversalHg into the bladder.

Allow 30 – 60 seconds to allow the detrusor muscle to relax and the pressure reading to stabilise.

Verify the intra-abdominal pressure from the pressure data displayed on the LCD screen of the Compass UniversalHg (Figure 7).

Record any infused saline on the patient's chart to adjust urine output. When the measurement is complete, release urine flow by repositioning the three-way stopcock.

Disconnect the syringe from the needleless valve connector, leaving the remaining intra-abdominal pressure monitoring components in position. Repeat the process for subsequent measurements.

Device Power Down and Recalibration

Press the button three times in a 'PUSH - PUSH - HOLD' sequence (i.e. quickly push the button twice and then hold the third button-push until the device turns off). To recalibrate and zero the device, open the device to the atmosphere and press the power button until the display reads '00 mm'.

For complete instructions and warnings, consult the instructions for use (IFU) supplied with the device.

