

## 7 Testing and Maintenance

- 1 Check all connections.
- 2 If the **DFHRx Leads Off INOP** is still displayed, the DECG adapter cable may be defective. Replace the adapter cable.
- 3 If the problem persists, replace the transducer.

### Testing the Patient Module (M2738A)/Toco+ Transducer (M2735A): MEGC Mode

- 1 Switch on the monitor and the recorder.
- 2 Connect the patient module or Toco+ transducer to the fetal monitor.
- 3 Attach the MEGC adapter cable M1363A to the red color-coded socket on the patient module or Toco+ transducer
- 4 Either attach electrodes to the M1363A adapter cable, and apply the electrodes to the skin (for example on the wrists), or attach the M1363A adapter cable to a patient simulator.

#### Note

We do not recommend the use of a specific patient simulator. The use of a patient simulator does not allow checking the specification of the ECG-Functionality; it allows only a check of general function.

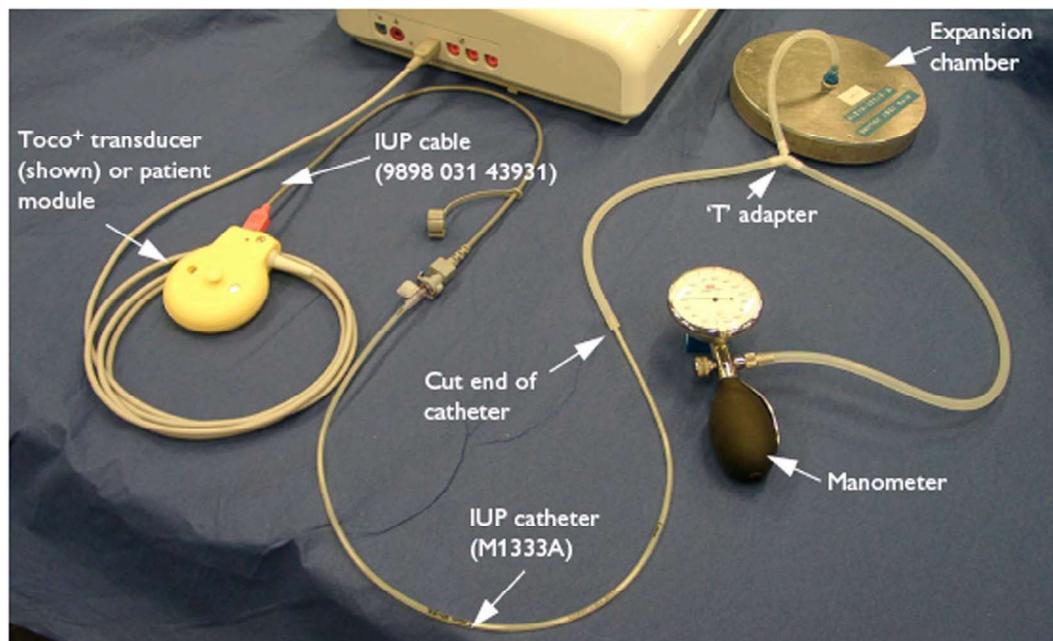
Result: You should see MEGC values displayed on the maternal display or annotated on the recorder trace.

If the test results are not as outlined above, repeat the test with another ECG transducer. If this does not solve the problem:

- 1 The MEGC adapter cable may be defective. Replace the adapter cable, and repeat the test.
- 2 Check all connections.

### Testing the Patient Module (M2738A)/Toco+ Transducer (M2735A): IUP Mode

To test the IUP functionality of the patient module or the Toco+ transducer, you need the following:



- Manometer.
  - Expansion chamber.
  - Three lengths of silicone tubing with a 'T' adapter.
- 1 Switch on the monitor and the recorder.
  - 2 Connect the patient module or Toco+ transducer to the fetal monitor.
  - 3 Attach the IUP adapter cable (989803143931) to the socket on the patient module or Toco+ transducer.
  - 4 Cut the sensor tip off an IUP catheter (M1333A).
  - 5 Connect the catheter to the IUP adapter cable.
  - 6 Connect the silicone tubing to the test volume chamber and the manometer as shown in the picture.
  - 7 Connect the cut end of the catheter to the silicone tubing.
  - 8 Apply a pressure of  $80 \text{ mmHg} \pm 5 \text{ mmHg}$  with the manometer. Check that the value on the display and on trace corresponds to this pressure. Slowly release the pressure, and check that the value on the display and on trace shows this change in pressure.

## Touchscreen Calibration

To access the touchscreen calibration screen:

- 1 Enter Service Mode
- 2 Select **Main Setup**
- 3 Select **Hardware**
- 4 Select **Calibrate Touch**

