

# Cordocentesis Trainer

- This trainer **60203** is a simulation of a pregnant abdomen for the practice of intra-uterine procedures used in prenatal diagnosis and foetal medicine. It consists of a latex sphere containing a simulated foetal cord and two placentas charged with mock blood on a plastic base.
- The abdomen is filled to provide the correct ultrasound picture. It is self-sealing to allow many syringe punctures.
- Although no guarantee is given, if carefully used the abdomen should last for many months before a replacement is necessary.

## How to use the Cordocentesis Trainer:

Re-order Code: 60204 Cordocentesis Abdomen.

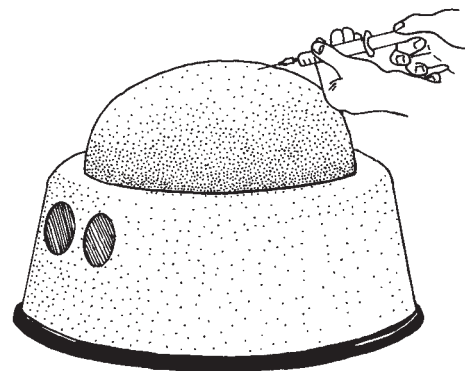
**Careful preparation of the model is essential to remove trapped air to obtain a realistic ultrasound picture.**

**1.** Sit the abdomen on the bench on the plastic base.

**2.** If possible allow the model to stand for 12 to 24 hours. This allows any air trapped in the model to accumulate at the top, where it can be seen inside the wall.

**3.** Any air bubbles can be aspirated with a syringe.

**fig 1.**

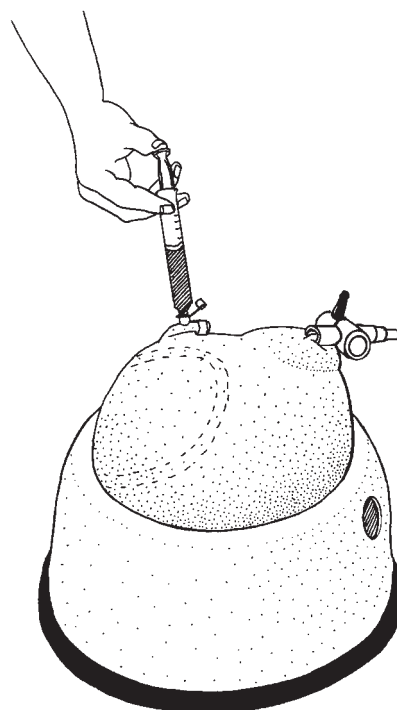


**fig 1.**

## Re-charging the blood level:

Re-order Code: 00220 Mock Blood 50 ml.

When the blood level becomes low in the foetal cord it may be re-charged through the one-way cannulation valve at the base of the sphere using a syringe. **fig 2.**



**fig 2.**

## **Removal of air bubbles:**

When accessing the foetal cord to withdraw blood within the trainer, a certain amount of air may be introduced into the surrounding gel. To avoid leaving a track, hold the syringe so that upward pressure can be exerted on the plunger, thus creating a suction as the needle is withdrawn from the trainer. This way no air will be left behind.

If there are air bubbles which require removal, insert the needle so that the point is within the air bubble and withdraw again whilst exerting upward pressure on the syringe.

## **Care of products made from latex rubber:**

Ultra-violet light and ozone can damage natural rubber products. Try to cover the model with a protective cover or place in the box when not in use. Ozone is generated by some electrical equipment including telephones and computers.

