M191-1
Sakamoto Cardiotocograph Simulator 2
5 practice steps for listening to the fetus sound

**Step 1** Measure using a tape measure

**Step 2** Palpate using fingers and hands

**Step 3** Practice attaching with 2 types of belt

**Step 4** Listen to heartbeat using the box

**Step 5** Look at wave patterns while holding printouts

With the decrease in the number of midwives, the role of nurses in the maternity field is becoming increasingly important. On the other hand, fewer childbirths due to the declining birthrate and privacy considerations for pregnant women also mean that there are limited opportunities to gain clinical experience in attending childbirths. In addition, the number of male nurses is increasing, and it is also a problem for them to get sufficient opportunities for training. In light of such problems, the Sakamoto Cardiotocograph Simulator 2 has been renewed so that it more closely resembles the body of a pregnant woman. The softer body, new baby design and recording paper which can be held in the hand make it easy to attach a belt for training and to check wave patterns. This model is ideal for practical nurse training that closely resembles actual conditions.

**Attaching cardiotocograph simulator**
You can carry out training for measuring the heartbeat of the fetus using a single simulator.

* The Sakamoto cardiotocograph simulator 2 is specially designed for nurse and midwife training. Please note that the simulator does not provide the same written or audio record of the heart rate as an actual cardiotocograph.

**No need for privacy considerations**
Repetitive training activities can be carried out for situations which have limited opportunities for practicing during actual labor because of patient and technical considerations. This helps to improve the value of practical training experience and technical proficiency.
**step 1  Measure**

Practical measurements can be carried out on the body which resembles the 39th week of pregnancy.

- Abdominal girth measurement
- Uterine measurement

**step 2  Palpate**

The abdomen is soft so that training in palpation of the fetus is possible. The accessory fetus for palpation has a built-in skull and pelvis.

- Checking the presentation
- Palpating the fetus on the symphysis pubis
- Palpating the position of the uterine fundus and the fetus

**The baby is at 10 months. Four different presentation positions can be used for training.**

- Baby
- Internal structure
- Four presentation positions are possible

**step 3  Practise attaching**

Practice can be carried out for securing the Doppler transducer and labor pain transducer belts. You can look at the box to check if the belts are attached correctly.

- Belt attachment practice

**When attachment is correct**

- When the Doppler transducer is secured correctly, the heartbeat can be heard from the box.
- When the labor transducer is secured correctly, the lamp on the box illuminates.
**step 4 | Listen to heartbeat**

Practice listening to the fetal heartbeat at 4 points (No.1 breech presentation, No.2 breech presentation, No.1 occiput presentation and No.2 occiput presentation).

The heartbeat can be heard coming from the special box, and there are switches at the back for setting the heart rate and alarm.

**step 5 | Look at wave patterns**

Four types of wave pattern (normal, tachycardiac, bradycardiac or transient bradycardiac) can be practised.

Recording paper which is the same size as actual paper can be held in the hand while practising. (The recording paper is already printed on.)

The size of the recording paper is 15 cm x 60 cm.

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**When the attachment position is incorrect**

When the Doppler transducer is not secured correctly, no heartbeat can be heard from the box.

When the labor transducer is not secured correctly, the lamp on the box does not illuminate.
Listening to the sound of an unborn child which cannot be seen

**M191-1**
Sakamoto Cardiotocograph Simulator 2

- **Weight**: Approx. 10 kg
- **Case size**: 96 (W) x 40 (D) x 32 (H) cm
- **Accessories**: Fetus (for palpation), simulation Doppler transducer (x1), simulation labor transducer (x1), Doppler transducer fixing belt (x1), labor transducer fixing belt (x1), baby powder, foetal cushion, simulation recording paper (4 types), AAA batteries (x4), storage bag

* The Sakamoto cardiotocograph simulator 2 can be used for nurse and midwife training. Please note that the simulator does not provide a written or audio record of the heart rate.
M186-1  Sakamoto Whole Body Pregnant Model 2

- Weight: Approx. 24 kg
- Case size: 160 (W) x 67 (D) x 29 (H) cm
- Accessories: Genitals (skin-toned, clear), PVC fetus, special lubricant, baby powder, placenta, umbilical cord (x1)

M184  Sakamoto Obstetric Assistant Trainer

- Weight: Approx. 13 kg
- Case size: 74 (W) x 37 (D) x 55 (H) cm
- Accessories: Body, genitals (skin-color, transparent), PVC fetus, special lubricant, baby powder, placenta, umbilical cord (x1)
- Exchangeable parts:
  - Exchangeable genitals (skin-toned)
  - Exchangeable genitals (clear)
  - Exchangeable placentas (10 pcs./set)

M107-4  SAKAMOTO Baby (girl)

- Specifications: length: 49 cm, Weight: Approx. 3.3 kg, Material: Silicone
- Accessories: Baby clothes, umbilical cord, simulated soft stools (yellow), container for mixing simulated soft stools, stirring rod for mixing simulated soft stools, tray, baby powder

M107-3  SAKAMOTO Baby (boy)

- NOTE: Specifications are subject to change without notice.