

M193-1

Training Phantom for Ultrasound Observation of Tissue Damage DTI Training Set

- Main body unit weight: 1.7 kg
- Main unit parts/
 【Sacral blocks】Qty / 5 pcs/set Weight: 6.5kg Size: W18×D16×H5.5cm
 【Greater trochanter blocks】Qty / 5pcs/set Weight: 4.2kg Size: W16×D15×H5.5cm
- Accessories: Baby powder
- Approved by: Prof Hiromi Sanada, Graduate School of Medicine, University of Tokyo

Training to understand a variety of different bed sore types at two points where DTI can easily occur

Ultra sound



M193-2

Training Phantom for Ultrasound Observation of Tissue Damage Basic Set

- Main body unit weight: 1.7 kg
- Main unit part/
 Qty.: Sacral block (normal) ×1, greater trochanter block (normal) ×1,
 Total weight: 2.2kg
- Accessories: Baby powder



M193-3

Training Phantom for Ultrasound Observation of Tissue Damage -Portable Ultrasonography set-

- Main body unit weight/ 1.7kg
- Main unit parts/
 【Sacral blocks】
 Quantity: 1 set of 5 types Weight/ 6.5kg Size/ W18 x D16 x H5.5cm
 【Greater trochanter blocks】
 Quantity: 1 set of 5 types Weight/ 4.2kg Size/ W16 x D15 x H5.5cm
- Accessories/ Baby powder



1 Checking the area

Lateral position for the greater trochanter region, and prone position for the sacral region. It is possible to carry out confirmation training for areas where bed sores can easily occur.

Greater trochanter region



Sacral region



2 Extraction of minor axis and major axis

It is possible to project the optimum images from the minor axis and major axis and all other directions.

Gel can also be used



Minor axis



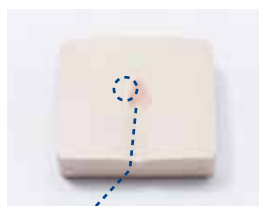
Major axis



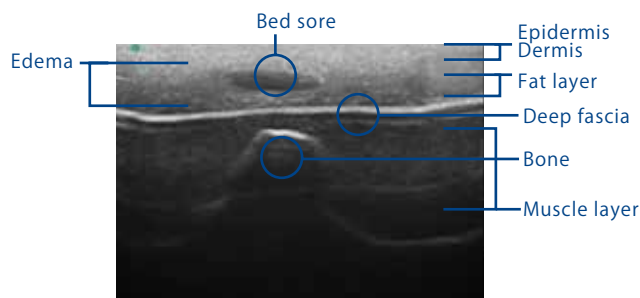
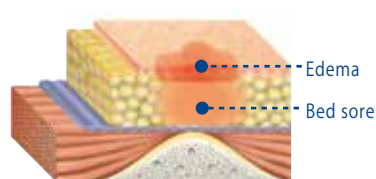
Ultra sound

3 Training for observation of symptoms for the following four typical patterns at the sacral region and greater trochanter region can be carried out

Mild bed sore: edema and hypoechoic areas



Only mild pink-colored symptoms appear on the skin surface.



Observing features such as loss of superficial fascia, localized areas of low brightness, and the location and depth of abnormal findings make it possible to confirm mild bed sore at category/stage I to II.

Moderate bed sores (edema and abscesses)

At category/Stage II, but doubtful if the DTI is severe.

Severe bed sores (edema and cobblestone-type abscess)

Injury is difficult to identify from the skin surface, but symptoms are of severe DTI. Category/Stage III type.

Bed sore forming a pocket

Category/Stage IV type, and pocket can be observed expanding all the way around.

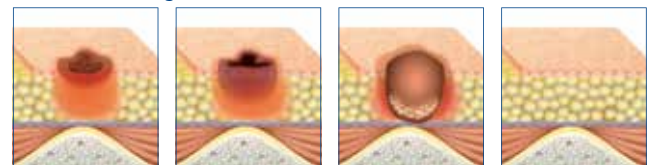
Normal

Normal fat layer, deep fascia, and muscle layer with no observable loss of superficial fascia or rupturing.

○ Bed sore



○ Internal image



○ Ultrasonographic image

