

# MANUAL

## **BIX-FS6** Child leg bone marrow puncture model



Shanghai Chinon Medical Model & Equipment Manufacturing Co.,Ltd.

Ada Med Supply Limited



### BIX-FS6 Child leg bone marrow puncture model

#### First, the model features

This model is the latest development of our company for bone marrow puncture and femoral vein puncture operation training, which can achieve satisfactory results. The model has clear anatomical landmarks, vivid images, skin and tibia bone marrow aspiration components, and a femoral vein puncture module that can be replaced. This product is made of imported plastic materials, processed by the mold teaching process, and the materials are exquisite and durable. It is an ideal product for teaching teaching and college skills training such as clinical bone marrow puncture and femoral vein puncture.

#### Second, the main features of the product

- 1. Bone puncture practice:
- The signs on the corpus callosum are obvious: humerus, humerus and humerus.
- The sacral puncture operation is realistic, and there will be a feeling of falling after entering, and the corresponding simulated bone marrow will flow out.
- Skin and bone can be replaced.
- 2. Femoral puncture practice:
- The palpable femoral artery pulsates.
- There is a clear sense of falling and venous return, to determine the correct position of deep vein puncture insertion.
- The injection site module can be replaced.



#### Third, the method of use

- 1. Bone marrow puncture practice:
- Apply a liquid lubricant to lubricate the entire bone marrow puncture site, and
  install the tibia bone marrow puncture component from the bottom of the foot and
  slide it to the fixed position of the calf shin. Cover the calf with a skin coat.
- Use a 50 ml syringe to draw about 50 ml of blood simulating solution, connect it through the latex tube and bone marrow puncture, and inject it into the tibia bone marrow puncture component.
- When a bone marrow puncture is used, a special bone marrow puncture needle should be used for routine puncture.
- The tibia bone marrow puncture component is designed to be puncture on all four sides. After the bone marrow puncture operation, the pierced bone hole is sealed with a small piece of wax to prevent bone marrow fluid from immersing.

#### 2. Femoral puncture practice:

- The infusion solution will be adjusted, and the infusion bag will be connected to the model femoral hose. The blood in the infusion bag is injected into the femoral vein.
- A compression like a ball can simulate a femoral artery beat.
- In the femoral artery pulsation, the position of the femoral vein puncture (the femoral vein is located inside the femoral artery) can be correctly determined, and the femoral vein can be selected for infusion, injection or blood draw.

#### Fourth, maintenance

1. After the operation training, wipe the model with a paper towel. Recover blood simulation solution into bottle



2. Fix the tibia bone marrow puncture on the substrate. If it is not used for a long time, wipe the model clean and store it in the box. It can be stored in a ventilated, cool and dry place to extend its service life.

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