

# MANUAL

## **BIX-CK812 Thoracic And Lumbar Puncture Model**



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

**Ada Med Supply Limited**

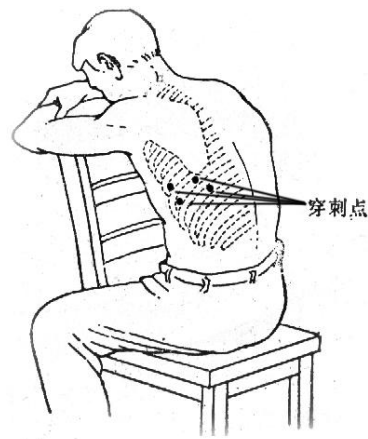
## BIX-CK812 Thoracic And Lumber Puncture Model

### I.Features

1. Simulate a standardized patient, sit on the back chair in the opposite direction, with his arms flat, and the image is realistic.
2. The surface signs are obvious, the anatomical position is accurate, and the scapula, ribs, intercostal space, and spinous spine are easy to touch.
3. Voice prompt There will be an automatic voice prompt when the puncture site is wrong. For example, when puncturing along the lower edge of the ribs, the controller will issue a voice warning "The puncture site is wrong and the nerve and blood vessels are damaged!"
4. The effect is realistic. When the puncture is correct, there is a obvious sense.

### II.Instructions:

1. Place the simulated standardized patient on the backrest chair in the opposite direction and secure it with screws.
2. The power plug is inserted into a 220V power outlet.



#### 3. Thoracentesis

(1) Percussion of the thorax on both sides, where real sounds can be heard, The puncture site can be the 7-8 intercostal space axillary midline, 6-7 intercostal space, or 5-6 intercostal space below the anterior axillary line below the lower scapular. Perform normal operations by operation. Puncture slowly into the chest along the upper edge of the lower rib. If the operation is correct, a feeling of emptiness may

occur, and the pleural effusion can be drawn out. If the puncture site is wrong, the simulated patient will send out a voice prompt that "the puncture site has damaged the nerve and blood vessels by mistake." Prompt the operator to puncture again. After completing this internship, turn off the power. The volume of blood vessels and various simulated organs in the human body model is limited. Do not pull out the needle to waste the liquid after each puncture is successfully pumped. The liquid should be pushed back in place. It is not necessary to replenish the liquid as required.

### **III. Attentions**

1. Every time the puncture is successful, the liquid is drawn. Please do not pull the needle out. Push the liquid back in place to facilitate continuous repeated use.
  2. The length of the puncture needle should be 35 ~ 50mm.;
- Each step should be performed slowly and gently, especially the needle insertion should be more stable.

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