

Objectives for Simulation Model Use in SHB 2009

Goal: To demonstrate regional anatomy and anatomical relationships by demonstrating a clinical procedure using a simulated learning device

Device: Male and Female Foley Catheterization

Objectives After viewing the procedure the student will be able to:

1. Identify male and female urethral openings in external genitalia
2. Compare urethral length in the male and female
3. Identify the anatomical route of a Foley catheter to the bladder
4. Identify adjacent structures that may be at risk during the procedure
5. Trace the course of a catheter in the male and female on dissected midsagittal sections of a cadaver's pelvic and perineal regions

Device: Arterial Blood Gas

Objectives After viewing the procedure the student will be able to:

1. Identify the course of the radial artery on surface anatomy
2. Name the bones and ligaments of the wrist in the region of needle insertion
3. Demonstrate the radial artery and the site of needle insertion on the cadaver

Device: Nasogastric Tube

Objectives After viewing the procedure the student will be able to:

1. Identify the surface landmarks of the larynx
2. Describe the pathway of the NG tube as it is inserted
3. Demonstrate the pathway of the NG tube on a cadaver

Device: Lumbar Puncture

Objectives After viewing the procedure the student will be able to:

1. Identify the lumbar vertebral interspaces as surface locations
2. Describe the anatomy of the spinal cord in the lumbar region
3. Demonstrate the site of needle insertion on the cadaver

Device: Intravenous Phlebotomy

Objectives After viewing the procedure the student will be able to:

1. Identify the surface landmarks of peripheral venous drainage in the cubital fossa

2. Identify adjacent muscular and ligamentous structures in the cubital fossa
3. Demonstrate the site of needle insertion on the cadaver

Device: Breast Exam

Objectives After viewing the procedure the student will be able to:

1. Describe the pectoral region and breast surface anatomy
2. Name the structures deep to the breast
3. Locate regional lymph nodes associated with the breast on the cadaver

Device: Pelvic Trainer

Objectives After viewing the procedure the student will be able to:

1. Describe perineal anatomy and relationships
2. Identify anterior-posterior female pelvic visceral relationships using a cadaver midsaggital section
3. Demonstrate the region of pudendal n. distribution on a cadaver