



## **OBJECTIVES FOR ROTATION IN ANCILLARY AREAS SURGICAL TECHNOLOGY PROGRAM**

### **PACU**

Desired Outcome: The student will be able to describe the roles and responsibilities of PACU personnel and will assist with the care of the post-surgical patient.

- Assist PACU staff with the immediate post-operative patient assessment
  - airway maintenance
  - monitor vital signs
  - note skin condition
  - check IV, dressings, drains
- Assist with positioning of the patient
- Provide patient comfort (warm blankets, repositioning)
- Identify location of emergency equipment
  - tracheotomy tray
  - crash cart and defibrillator
  - MH cart
  - emergency airway cart
- Identify location of pertinent equipment and supplies
  - intercom and telephone
  - warming lights
  - hypo/hyperthermia blanket
  - blanket warmer
  - pulse oximeter and monitors
  - ice machine
  - view box
  - refrigerator for medications and IVs
  - O2 tanks
  - ambu bags, masks, nasal cannulas, venti-mask-rebreather masks
  - thermometers
  - linen
  - dressings/drain supplies
  - urinary catheter supplies
- Assist with patient transport
- Assist with environmental decontamination and restocking of PACU supplies
- Work collaboratively with health care team members

## **Endoscopy Unit**

Desired Outcome: The student will be able to describe the roles and responsibilities of Endoscopy personnel and will assist with endoscopic procedures.

- Locate and identify basic endoscopic instrumentation, equipment, and supplies
- Identify and discuss anatomy relevant to specific endoscopic procedures
- Assist team members with the selection of instruments, supplies, and equipment required for endoscopic procedures
- Assemble and test endoscopic equipment required for endoscopic procedures • Assist with patient positioning
- Provide procedural assistance as needed
  - hold endoscope
  - collect specimens
  - secure bite block and suction oral secretions
  - apply abdominal pressure
- Assist team members with decontamination and sterilization of instrumentation and equipment according to departmental policies and procedures
- Assist with environmental decontamination
  - cleaning procedures
  - handling of sharps
  - handling of blood and body fluids
  - disposal of linen and trash
- Assist with patient transport
- Restock supplies in the endoscopy suite
- Work collaboratively with health care team members

## **Central Sterile Supply/Sterile Processing Department**

Desired Outcome: The student will demonstrate skills necessary in care and handling, processing, and sterilization of instrumentation.

- Decontamination of soiled instruments and supplies
  - manual cleaning remove gross debris agents used for cleansing rinsing
  - loading into trays/carriers
  - washer-sterilizer
  - arrangement of instruments on trays
  - ultrasonic cleaning indications
  - cavitation
  - implosion
  - arrangement of instruments
- Instrument preparation for sterilization

- lubrication
  - water soluble
  - steam penetrable
  - antimicrobial
  - inspection and testing
    - check hinged instruments for stiffness
    - ratchet teeth
    - test forceps for proper alignment
    - test scissors and sharps
    - demagnetize
  - microsurgical instruments
  - instrument set assembly
  - weight distribution
  - hinges open lumens
  - horizontal
  - preventing damage
- Select and utilize proper wrapping materials, peel pouches, and instrument cases/carriers
    - muslin/cotton/polypropylene
    - paper
    - paper/plastic pouches
    - sterilization cases
    - sealing methods
    - process tape
    - heat seal
    - adhesive seal
    - sterilization case locking devices
  - Select and utilize appropriate sterilization process monitors
    - internal chemical monitors
    - process-sensitive tape
  - Label instruments accurately
    - contents
    - initial of processor
    - department
    - date and lot number of sterilization
  - Select appropriate methods/agents for sterilization
    - thermal
    - steam under pressure
    - gravity displacement
    - pre-vacuum "flash"
    - dry heat
    - vapor
    - EO/EtO-ethylene oxide
    - Ionizing radiation
    - cold/chemical

- activated glutaraldehyde
- peracetic/acetic acid
- hydrogen peroxide
- plasma
- Work collaboratively with health care team members

### **Labor and Delivery**

Desired Outcome: The student will describe the roles and responsibilities of the Labor and Delivery personnel, will assist the team during vaginal delivery, and will perform in the scrub role during Cesarean Sections.

- Orientation to the department
- Identify and discuss anatomy relevant to vaginal delivery and Cesarean Section
- Identify location of pertinent equipment, instruments, and supplies
- Assist team members with the selection of instruments, supplies and equipment required for the surgical intervention
- Assist with patient positioning • Provide procedural assistance -assist with vaginal delivery
- Primary scrub responsibilities and case management
  - Cesarean Section
  - Tubal Ligation
- Assist team members with decontamination and sterilization of instrumentation and equipment
- Assist with environmental decontamination
  - cleaning procedures
  - handling of sharps
  - handling of blood and body fluids
  - disposal of linen and trash
- Assist with patient transport
- Restock supplies in the Labor and Delivery Suite
- Work collaboratively with health care team members