

Students and Operating Room Training

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Introduction

- Students spend significant time in operating room
 - Brief introductions
 - Trial and error learning
- Lack of training
 - Affects confidence in environment
 - Encourages passive learning

Objectives

- Learn basic technical skills
 - Knot tying
 - Suturing
 - Vaginal delivery
- Operating room etiquette
 - Pre-op assessment
 - Positioning
 - Sterile technique
 - Exam under anesthesia
 - Foley placement

Before the Operating Room

- National Patient Safety Goals
 - Universal protocol
 - Verify correct patient
 - Verify correct procedure
 - Verify correct site
 - Mark the surgical site

Before the Operating Room

- Know the patient
 - Pregnancy test
 - Hemoglobin
 - Confirm in OR
 - Write on board
- Identify self
 - Write on board
 - Introduce to staff



Going into the OR

- Proper dress
 - Scrubs
 - Surgical cap
 - Mask
 - Eye protection
 - Surgical boots

In the Operating Room

- Patient position
 - Peripheral nerve safety
 - Arms - on arm boards
 - 90 degrees out
 - Legs - supine versus dorsal lithotomy
 - Yellow fin stirrups
 - Surgical lighting
- DVT prophylaxis
 - Sequential compression devices (SCDs)
 - Apply to lower leg

Prepare for the Procedure

- Preoperative exam under anesthesia
 - Pelvic exam
 - Usually just bimanual
 - Document findings
 - Help plan procedure

Prepare for the Procedure

- Surgical scrub
 - Soap versus gel
- Gown
 - Make sure nurses know you are scrubbing
- Gloves
 - Take gloves out for nurse

Prep the patient

- Draping the patient
 - May be residents
 - Be familiar with what you can touch
- Foley placement
 - May be placed after patient draped
 - Observe sterile technique

Final Thoughts

- **Comfort with operating room procedures**
 - Transition from passive to active learner
 - Focus more on procedure
 - Focus more on patient care
 - Focus more on patient safety

Today's Schedule

- Three groups
 - Knot tying
 - Suturing
 - Noelle vaginal delivery simulation
- Small groups
 - Groups of 5 - 6
- Instructors
 - Residents
 - 4th year students on teaching elective

Wednesday's Schedule

- 9:30 - 12:30
 - Two separate groups
 - Flip/flop sessions
 - Mock operating room walkthrough
 - Stations
 - Pelvic Exam
 - Foley model
 - Gown/glove
 - Surgical instruments