



BAKER COLLEGE
STUDENT LEARNING OUTCOMES

SUR2220 Surgical Technology Lab II
4 Semester Credit Hours

Student Learning Outcomes and Enabling Objectives

1. Demonstrate competency in surgical case management.
 - a. Prepare for a surgical case.
 - b. Establish a sterile field.
 - c. Perform a surgical hand scrub.
 - d. Don sterile gown and gloves.
 - e. Drape a mayo stand.
 - f. Set up and organize the back table.
 - g. Perform an appropriate preoperative surgical count.
 - h. Appropriately organize mayo stand for surgical procedure.
 - i. Sterilely drape the surgical patient for the surgical procedure.
 - j. Gown and glove members of the surgical team.
 - k. Properly initiate surgical procedure.
 - l. Safely handle and pass sharps and instruments.
 - m. Handle medications on the sterile field.
 - n. Handle surgical specimens on the sterile field.
 - o. Perform appropriate intraoperative and closing surgical counts.
 - p. Perform appropriate end of procedure duties.
2. Demonstrate competency in management of sharps used on and within the surgical field.
3. Demonstrate competency in management of surgical specimens.
4. Demonstrate competency in management of medications and solutions used within the sterile surgical field.
5. Demonstrate competency in management of the surgical patient.
 - a. Transport patient to operating room.
 - b. Safely transfer patient from stretcher to operating room table.
 - c. Assess patient vital signs.
 - d. Apply patient monitoring devices.
 - e. Correctly position patient for surgical procedure.
 - f. Perform open gloving for sterile procedure.

- g. Perform sterile urinary catheterization on male and female patients.
- h. Perform surgical skin prep for correct surgical procedure.
6. Identify surgical instrumentation, equipment and, supplies unique to surgical specialties.
 - a. Identify surgical instrumentation, equipment and, supplies for General surgery.
 - b. Identify surgical instrumentation, equipment and, supplies for laparoscopic and robotic surgery.
 - c. Identify surgical instrumentation, equipment and, supplies for plastic surgery.
 - d. Identify surgical instrumentation, equipment and, supplies for gynecologic and obstetric surgery.
 - e. Identify surgical instrumentation, equipment and, supplies for genitourinary surgery.
 - f. Identify surgical instrumentation, equipment and, supplies for otorhinolaryngologic surgery.
 - g. Identify surgical instrumentation, equipment and, supplies for oral maxillofacial surgery.
 - h. Identify surgical instrumentation, equipment and, supplies for orthopedic surgery.
 - i. Identify surgical instrumentation, equipment and, supplies for ophthalmic surgery.
 - j. Identify surgical instrumentation, equipment and, supplies for neurosurgery.
 - k. Identify surgical instrumentation, equipment and, supplies for cardiothoracic and peripheral vascular surgery.
7. Examine the behaviors and attitudes necessary in the surgical technology profession.
 - a. Demonstrate professional behavior while assisting with surgical procedures.
 - b. Identify and correct errors in aseptic technique.
 - c. Demonstrate a surgical conscience and ethical behavior while assisting with surgical procedures.

Big Ideas and Essential Questions

Big Ideas

- Perioperative case management
- Critical thinking
- Safe surgical techniques
- Professionalism in the operating room
- Surgical instrumentation, equipment and supplies

Essential Questions

1. How do organizational skills translate to effective perioperative case management?
2. How do critical thinking skills influence your preparation for a surgical case?

3. What role(s) does the surgical technologist play in ensuring patient safety in the perioperative environment?
 4. How does professionalism influence patient safety?
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Essential Questions

RE 1. Students are required to pass all elements of the final lab practical. If this does not occur, the student will not be allowed to progress in the program.

These SLOs are not approved for experiential credit.

Effective: Fall 2021