



### OUTCOMES OF SURGICAL TECHNOLOGY PROGRAM GRADUATES

<b>PRE-OPERATIVE OUTCOMES</b>	<b>AS EVIDENCED BY:</b>
1. Proper surgical scrub attire.	Shirt is tucked in, all hair and ears are covered, fluid resistant shoes, (with shoe covers) no nose, tongue or facial piercings.
2. Prepares the O.R. for the surgical procedure.	Gathers/checks case supplies according to surgeon's preference card as well as specific patient needs includes x-rays, diagnostic tests and/or lab values, positioning aids and other equipment needed for the case.
3. Open supplies.	Opens supplies using proper aseptic technique. Student checks external indicators for sterile exposure.
4. Perform Surgical Hand Scrub.	Observes proper time/technique according to policy. Recognizes breaks in technique and corrects them appropriately.
5. Gowning and gloving of self.	Maintains sterility of gown and gloves using the closed glove technique. Should contamination occur, the student makes the necessary corrections.
6. Gowning and gloving of others.	Forms protective cuff for hands while holding gown in correct position. Holds gloves in correct position maintaining sterile technique. Recognizes & corrects breaks in technique.
7. Set up and arrange the back table.	Establishes routine set-up to place and organize instruments, towels, basins, drapes and supplies – procedure specific. Timely and organized. Labels all medications/solutions properly. Observes whether internal indicators reveal exposure to sterilization process.
8. Drape and set up Mayo stand.	Uses correct draping procedures, maintaining sterile technique. Prepares and places necessary instrumentation such as: suction, cautery, light handles, scissors, forceps, etc., (PROCEDURE SPECIFIC). Timely and organized.
9. Knowledge of basic instruments.	Student is able to state the name of each instrument and can describe the function. Must be able to check each instrument for proper working condition.
10. Assist in draping the patient.	Maintains sterile technique, follows draping principles, organizes and passes drapes in correct order of use. (Without contamination; recognizes and corrects breaks in technique.)
11. Time-out	Student stops to verify: patient, procedure, site, and side.



<b>INTRA-OPERATIVE OUTCOMES:</b>	<b>AS EVIDENCED BY:</b>
12. Sterile technique.	Maintains sterile technique throughout the procedure. Recognizes breaks in technique, then initiates and carries out appropriate steps to correct these.
13. Standard precautions.	Maintains proper PPE, in accordance with facility policy, in regard to using X-Ray shields, laser goggles, hood systems, etc.
14. Demonstrates pride in the quality of their work	Maintains consistent organization of sterile supplies. Adapts to changes in set up that may be required by the surgeons, situations and/or surgical procedures.
15. Medications.	Prepares medications properly and correctly labels medications. Repeats doctor's order each time a medication is passed to a surgeon.
16. Hemostatic agents.	Recognizes hemostatic agents and follows preceptor, surgeon, and/or circulator instructions for proper use and handling. Student also recognizes manufacturer's instructions for use of the product.
17. Surgical counts.	Follows organization's policies and procedures to conduct counts of sponges, sharps, and instruments. Separates sponges and counts each correctly and individually. Learns to initiate counts at appropriate times.
18. Sharps management.	Safely handles sharps according to facility policy and procedures. Loads knife blades with needle holder over sharps box. Uses one-handed recapping technique for hypodermic needles, if recapping is necessary. Uses instrument tip, and not fingertip, to count used items in the sterile sharps box (i.e. used suture needles). Utilizes neutral zone when applicable.
20. Pass instruments correctly.	Passes the instrument so that it is received in a position ready for use - for both left or right-handed surgeon/assistant.
21. Prepare/handle sutures and stapling devices.	Loads and passes suture materials correctly, and as requested. Identifies the proper suture materials as expected according to the type of surgery and the surgeon's preferences. Loads and reloads stapling devices according to manufacturer's instructions.
21. Handle specialized equipment properly.	Demonstrates the proper handling of specialized surgical equipment and accessories according to facility policies. For example: endoscopic scopes, cameras, light cords, etc. Also, power tools, microscopes, irrigation devices, etc.
22. Handling of specimens.	Identifies specimens and prepares the tissue or culture to be passed off to the circulator. Verifies that specimen label and patient information is accurate.
23. Anticipate surgeon's needs.	Focuses on operation, passes instruments and supplies when needed without prompting. Aware of changes occurring at the sterile field, and the progression of the procedure as that relates to what is needed at hand (on the Mayo for example).



<b>POST-OPERATIVE OUTCOMES:</b>	<b>AS EVIDENCED BY:</b>
24. Standard precautions.	Maintains proper PPE whenever the potential exists for splash or contamination by infectious materials. Does not touch or handle clean supplies or furnishings with contaminated gloves. Washes hands or uses hand sanitizer after leaving the operating room.
25. Dressings, catheters, & drains.	Demonstrates ability to clean the wound and patient prior to applying dressing, using aseptic technique, and according to the surgeon's request and preference. Demonstrates knowledge of proper handling for drains and catheters.
26. Contributes/participates in a rapidly changing environment.	Student adheres to facility policies/organizations in trends/technologies to maintain safety of patient, student and team members.
27. Handling used instruments.	Based on facility protocol, student dismantles instruments and equipment safely and carefully, and prepares them for processing following facility policies, and manufacturer's recommendations.
28. Removal of disposable supplies.	Student will handle and discard both regular and infectious waste materials according to facility policy. Includes proper disposal of used sharps.
29. Room turnover.	Student learns to assist with turnover duties, according to facility policy and procedure. May include housekeeping tasks.
30. Patient Transport and Transfer	Student provides safe transport and transfer of surgical patients and recognizes possible hazards to prevent injuries to the patient and perioperative team.

<b>PROFESSIONAL BEHAVIOR OUTCOMES:</b>	<b>AS EVIDENCED BY:</b>
31. Initiative.	Student carries out assigned tasks willingly, creating an appreciation for both the importance and joy of learning.
32. Interest.	Student asks appropriate questions at appropriate times. Maintains alert and attentive demeanor, in a friendly, collaborative manner.
33. Accountability.	Student maintains clinical log book; accurately documenting the requirements of the logbook. It should be updated each day. Student also maintains a computerized log, updated each week.



34. Ethical conduct.	Displays respectful attitude toward staff, surgeons, and patients in the OR including diversity factors such as; socio-cultural, socioeconomic, spiritual and lifestyle choices. Displays honesty in admitting mistakes, misconceptions, etc.
35. Responsibility and surgical conscience.	Student displays utilization of critical thinking skill by learning from mistakes and making changes to his/her behavior in order to prevent repetition of the same mistake in the future. Student has to recognize his/her own mistakes.
36. Teamwork.	Student follows directions in a positive manner, completes tasks effectively in a timely manner. Interacts effectively with team members. Offers help and support to others readily.
37. Communication.	Student communicates effectively with staff, surgeons and faculty. Avoids unnecessary and inappropriate conversations.
38. Punctuality/dependability.	Arrives on time to start in the morning. Stays on-site until 1530. Goes to break when instructed to do so, and returns within the allotted timeframe, ready to resume duty.
39. Provides a safe environment.	Student maintains his/her own physical health and mental alertness and adheres to patient care safety measure.
40. Adherence to program policies.	Student adheres to NEIT policy, as stated in the ST Student Handbook.
41. Adherence to facility standards.	Student follows facility policies in all aspects of clinical activity. For example, meeting HIPPA requirements to provide total patient confidentiality in all aspects of clinical activities.
42. Adherence to industry standards.	Student observes and follows pertinent policies from regulatory agencies such as; OSHA, The Joint Commission, etc.
43. Attendance	Student has not missed any time from assignment. Student has not missed more than 8 hours from assignment. Student has not missed more than 16 hours from assignment. Student has not missed more than 24 hours from assignment. Student has missed more than 24 hours from assignment.