

Chapter 1: Orientation to Surgical Technology

MULTIPLE CHOICE

1. Which of the following terms is used to describe surgical intervention that does not have to be performed immediately or within a short period of time, for example, a torn meniscus repair?
 - a. elective
 - b. emergent
 - c. optional
 - d. urgent

ANS: A PTS: 1

2. Which of the following historical figures is considered the father of modern anatomy and changed the traditional approach to anatomical studies?
 - a. Aristotle
 - b. Homer
 - c. Paré
 - d. Vesalius

ANS: D PTS: 1

3. Which of the following historical figures developed the first x-ray machine?
 - a. Celsius
 - b. Jenner
 - c. Lister
 - d. Roentgen

ANS: D PTS: 1

4. How many phases of surgical case management are there?
 - a. 2
 - b. 3
 - c. 4
 - d. 5

ANS: B PTS: 1

5. Which of the following surgical team members would be primarily responsible for maintaining the patient's operative record and transporting the patient to the post-anesthesia care unit (PACU)?
 - a. anesthesia provider
 - b. circulating RN
 - c. surgeon
 - d. surgical technologist

ANS: B PTS: 1

6. Which of the following surgical team members would be responsible for separating instruments and disassembling the sterile field in the postoperative phase?
 - a. CRNA
 - b. CRNFA
 - c. CSFA
 - d. CST

ANS: D PTS: 1

7. Which organization develops national certification exams for surgical technologists and surgical first assistants and confers the appropriate credential to eligible certificants?
- ARC/STSA
 - AST
 - CAAHEP
 - NBSTSA

ANS: D PTS: 1

8. Which of the following symbols on the Association of Surgical Technologists (AST) logo represents the surgical technologist performing various roles in surgery?
- empty circle
 - empty rectangle
 - filled circle
 - filled rectangle

ANS: C PTS: 1

9. Which of the following roles is defined by the American College of Surgeons (ACS) as providing aid in exposure, hemostasis, and other technical functions that help the surgeon carry out a safe operation with optimal results for the patient?
- assistant circulator
 - surgical first assistant
 - first scrub
 - second scrub

ANS: B PTS: 1

10. A private surgical technologist is usually employed by which of the following?
- surgeon or physician group
 - ambulatory surgery center
 - instrument sales company
 - traveling staffing agency

ANS: A PTS: 1

11. The terms *entry-level*, *proficient*, and *expert* practitioners are applied to which of the following?
- accreditation status of surgical technology programs
 - continuing education (CE) credit categories
 - NBSTSA certification titles
 - AST recommended clinical ladder levels

ANS: D PTS: 1

12. Which term describes the relationship between the certified surgical technologist (CST) and the other members of the surgical team in the OR?
- contractual
 - professional
 - social
 - therapeutic

ANS: B PTS: 1

13. Which term describes the relationship between the CST and the patient or the patient's family?

- a. medical
- b. professional
- c. social
- d. therapeutic

ANS: D PTS: 1

14. In or by which of the four components of communication would “decoding” take place?

- a. sender
- b. message
- c. receiver
- d. feedback

ANS: C PTS: 1

15. Which example of nonverbal body language might a patient perceive as a *negative* attitude from a team member?

- a. tightly folded arms
- b. direct eye contact
- c. leaning toward patient
- d. head nodding in agreement

ANS: A PTS: 1

16. Which of the following behaviors would **NOT** be considered an example of “workplace violence”?

- a. rumors and gossip
- b. yielding to the other’s viewpoint
- c. unwanted sexual advances
- d. demeaning comments or criticisms

ANS: B PTS: 1

17. According to the AST position statement on teamwork, which type of environment contributes most to a safe and efficient surgical experience with positive patient outcomes?

- a. collaborative
- b. corporate
- c. fast-paced
- d. technological

ANS: A PTS: 1

18. Which term describes the surgical technologist’s foundational commitment to professional honesty, confidentiality, fair treatment, cost containment, and attention to the highest level of surgical patient care?

- a. aseptic principles
- b. job description
- c. policy and procedure
- d. surgical conscience

ANS: D PTS: 1

19. Which term describes a physician-group-owned hospital?

- a. community
- b. nonprofit
- c. proprietary
- d. tax supported

ANS: C PTS: 1

20. Which acronym represents an organization that serves as both an insurer and provider of medical services?
- a. CDC
 - b. CEO
 - c. FDA
 - d. HMO

ANS: D PTS: 1

21. Surgical technologists and other allied health professionals in perioperative services usually work under the direction of which hospital administrative director?
- a. chief executive officer
 - b. chief financial officer
 - c. medical director
 - d. director of nursing

ANS: D PTS: 1

22. What type of professional would have DO or DPM after his or her name?
- a. doctor
 - b. director
 - c. dentist
 - d. dietitian

ANS: B PTS: 1

23. Through which hospital department or committee would the certified surgical first assistant (CSFA) submit a request for privileges to work in the operating room?
- a. risk management
 - b. nursing services
 - c. medical staff
 - d. auxiliary and volunteers

ANS: C PTS: 1

24. Which department would provide services for repair of broken equipment or to do routine preventive checks?
- a. biomedical engineering
 - b. diagnostic imaging
 - c. environmental services
 - d. risk management

ANS: A PTS: 1

25. What does the acronym *DRG* stand for in the hospital setting?
- a. doctor of gynecology
 - b. department of radiography
 - c. drug reference guide
 - d. diagnosis related groups

ANS: D PTS: 1

26. The federal governmental insurance programs under the general heading of CMS include all of the following EXCEPT:
- a. Medicare Part A
 - b. Medicare Part B
 - c. CHAMPUS
 - d. Medicaid

ANS: C PTS: 1

27. Which of the following is the membership organization for surgical technology with a board of directors elected by a house of delegates?
- a. ARC/STSA
 - b. AST
 - c. CAAHEP
 - d. NBSTSA

ANS: B PTS: 1

28. When an ARC/STSA site visitor is sent to a surgical technology program to verify and clarify records and annual reporting information, to whom does he or she submit the findings?
- a. ACS
 - b. AST
 - c. CAAHEP
 - d. NBSTSA

ANS: C PTS: 1

29. Which of the following membership organizations would the circulating RN in the operating room likely join as a member?
- a. ACS
 - b. AMA
 - c. AAMI
 - d. AORN

ANS: D PTS: 1

30. The CST and CSFA credentials are registered trademarks of which organization?
- a. ARC/STSA
 - b. AST
 - c. CAAHEP
 - d. NBSTSA

ANS: D PTS: 1

31. The hospital's infection control nurse would report any suspicion of rare or mysterious infectious diseases to which governmental agency?
- a. CDC
 - b. EPA
 - c. FDA
 - d. OSHA

ANS: A PTS: 1

32. Which organization would employees of the central sterile processing department likely join as members?
- a. AMA

- b. EPA
- c. IAHCSMM
- d. NIOSH

ANS: C PTS: 1

33. Which federal regulatory agency is dedicated to enforcing workplace safety and preventing worker injuries?
- a. ANSI
 - b. EPA
 - c. FDA
 - d. OSHA

ANS: D PTS: 1

34. Which of the following is an independent, nonprofit national organization that develops standards for and accredits health care organizations in the United States?
- a. the Joint Commission
 - b. U.S. Department of Health and Human Services
 - c. American National Standards Institute
 - d. Centers for Disease Control and Prevention

ANS: A PTS: 1

35. A medical device or surgical piece of equipment that has failed would have to be taken out of service and any patient injury reported to which of the following agencies?
- a. EPA
 - b. FDA
 - c. OSHA
 - d. WHO

ANS: B PTS: 1

36. Which of the following pioneers of medicine and surgery first developed techniques for surgical antisepsis?
- a. Billroth
 - b. Galen
 - c. Halsted
 - d. Lister

ANS: D PTS: 1

37. Which specialist would likely have privileges to surgically treat diseases of the breast, hepatobiliary and gastrointestinal systems, and thyroid gland?
- a. endocrinologist
 - b. general surgeon
 - c. gynecologist
 - d. urological surgeon

ANS: B PTS: 1

38. After which of the following military conflicts did Great Britain and the United States begin to train and employ allied health professionals predominantly in the scrub role in surgery?
- a. Civil War
 - b. Revolutionary War
 - c. Vietnam War

d. World War II

ANS: D PTS: 1

39. Which national membership organization's House of Delegates proposed the creation of the Association of Operating Room Technicians (AORT) in 1969?

- a. ACS
- b. AMA
- c. ANA
- d. AORN

ANS: D PTS: 1

40. What do conscientiousness, problem solving, skills competency, teamwork, and commitment to continuing education represent for a CST?

- a. college prerequisites
- b. legal doctrines
- c. professional traits
- d. religious philosophies

ANS: C PTS: 1

MATCHING

Match each term below with its description.

- | | |
|-----------------------------|-----------------------------------|
| a. Resume | f. Role |
| b. Surgical assistant | g. Allied Health |
| c. Job description | h. Feedback |
| d. Organizational structure | i. Intraoperative case management |
| e. Career ladder | j. Problem-solving skills |

- 1. Set of responsibilities or expected results associated with a job; descriptions are broad in scope
- 2. Prioritizing, considering alternatives, evaluating abilities, working with others to address challenges to patient care
- 3. Maintaining sterile field, passing instruments to surgeon, performing surgical counts, handling medications, preparing specimens and dressings
- 4. Individual with training and credentials to help position, drape, and transfer patient as well as provide visualization of operative site and close body planes
- 5. Title, requirements for employment, nature of position, duties, accountability for actions
- 6. Pathway or program of upward movement to positions of increased responsibility within an organization
- 7. Overview of career objectives, qualifications, experience, education and skills; used as reference in employment search
- 8. Important goal of communication process when the sender knows message was understood by receiver; may be either verbal or nonverbal.
- 9. Hierarchical layers of hospital administrative departments, services, directors, and trustees
- 10. Classification of cell saver, medical lab, radiology, EEG, and orthopedic technicians, and other hospital employees

- | | |
|-----------|--------|
| 1. ANS: F | PTS: 1 |
| 2. ANS: J | PTS: 1 |
| 3. ANS: I | PTS: 1 |
| 4. ANS: B | PTS: 1 |

- 5. ANS: C PTS: 1
- 6. ANS: E PTS: 1
- 7. ANS: A PTS: 1
- 8. ANS: H PTS: 1
- 9. ANS: D PTS: 1
- 10. ANS: G PTS: 1

TRUE/FALSE

- 1. A physician who is a contracted provider in a PPO or HMO will receive reimbursement for fees based on a capitated rate of payment.

ANS: T PTS: 1

- 2. The ARC/STSA administers the national certification examination for surgical technologists and owns the CST® and CSFA® credentials.

ANS: F PTS: 1

- 3. Professionalism is a lifelong commitment for a surgical technologist who has specific duties and responsibilities for providing the highest quality surgical patient care.

ANS: T PTS: 1

- 4. AST's mission statement is, "Enhancing the profession to ensure quality patient care."

ANS: T PTS: 1

- 5. Surgical technologists may discuss details of their daily experiences as long as they are not in a public place.

ANS: F PTS: 1