

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?
- elective
 - emergent
 - optional
 - 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?
- Aristotle
 - Homer
 - Paré
 - Vesalius

ANS: D PTS: 1

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

ANS: D PTS: 1

4. How many phases of surgical case management are there?
- 2
 - 3
 - 4
 - 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)?
- anesthesia provider
 - circulating RN
 - surgeon
 - 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?
- CRNA
 - CRNFA
 - CSFA
 - 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?
- a. ARC/STSA
 - b. AST
 - c. CAAHEP
 - d. 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?
- a. empty circle
 - b. empty rectangle
 - c. filled circle
 - d. 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?
- a. assistant circulator
 - b. surgical first assistant
 - c. first scrub
 - d. second scrub

ANS: B PTS: 1

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

ANS: A PTS: 1

11. The terms *entry-level*, *proficient*, and *expert* practitioners are applied to which of the following?
- a. accreditation status of surgical technology programs
 - b. continuing education (CE) credit categories
 - c. NBSTSA certification titles
 - d. 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?
- a. contractual
 - b. professional
 - c. social
 - d. 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?
- endocrinologist
 - general surgeon
 - gynecologist
 - 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?
- Civil War
 - Revolutionary War
 - Vietnam War
 - 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?
- ACS
 - AMA
 - ANA
 - AORN

ANS: D PTS: 1

40. What do conscientiousness, problem solving, skills competency, teamwork, and commitment to continuing education represent for a CST?
- college prerequisites
 - legal doctrines
 - professional traits
 - 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 |

- Set of responsibilities or expected results associated with a job; descriptions are broad in scope
- Prioritizing, considering alternatives, evaluating abilities, working with others to address challenges to patient care
- Maintaining sterile field, passing instruments to surgeon, performing surgical counts, handling medications, preparing specimens and dressings
- Individual with training and credentials to help position, drape, and transfer patient as well as provide visualization of operative site and close body planes
- Title, requirements for employment, nature of position, duties, accountability for actions
- 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