

CNAMB[®] Task & Knowledge Statements

Subject Area 1: Preoperative Patient Assessment and Diagnosis

Task

Confirm patient identity using two patient identifiers

Knowledge Needed

- a. universal protocol

Task

Verify procedure, surgical consent, operative site, anesthesia plan, and side/site marking

Knowledge Needed

- a. universal protocol
- b. informed consent(s) or waivers (e.g., surgical, anesthesia, blood, photographs, visitors)

Task

Assess Health Status of the Patient: Collect, analyze and prioritize patient data (e.g., vital signs, pain assessment, allergies, lab values, other medical conditions; medical conditions for which they would need clearance, previous relevant surgical history, chart review, NPO status; family history of anesthesia problems)

Knowledge Needed

- a. anatomy and physiology
- b. pathophysiology
- c. pharmacology
- d. diagnostic procedures and results
- e. health assessment techniques (e.g., vital signs, pain assessment, allergies, lab values, chart review, NPO status) nursing process
- g. criteria (e.g., BMI, ASA, sleep apnea, infectious disease, age)
- h. pre-surgery risk assessment (e.g., medications, previous surgeries, special needs,
- i. comorbidities, preop instructions)
- j. pain management (e.g., ERAS; multi-modal, regional blocks)

Task

Assess Health Status of the Patient - Use age and sociocultural appropriate health assessment techniques to evaluate patient status (e.g., interview, observation; communication barriers)

Knowledge Needed

- a. anatomy and physiology
- b. health assessment techniques (e.g., vital signs, pain assessment, allergies, lab values, chart review, NPO status)
- d. advanced directives, DNR and AND (Allow Natural Death) processes
- e. nursing process
- f. selection criteria (e.g., BMI, ASA, sleep apnea, infectious disease, age)
- g. pre-surgery risk assessment (e.g., medications, previous surgeries, special needs,

- h. comorbidities, preop instructions)

Task

Assess Health Status of the Patient - Conduct medication reconciliation (e.g., preoperative medications, home medications, alternative and herbal supplements, medical marijuana, alcohol use, recreational drug use)

Knowledge Needed

- a. pharmacology
- b. pre-surgery risk assessment (e.g., medications, previous surgeries, special needs, comorbidities, preop instructions)
- c. antibiotic stewardship
- d. pain management (e.g., ERAS; multi-modal, regional blocks)
- e. Conduct a physical assessment (e.g., skin integrity, mobility, body piercings, implants/foreign objects)
- f. anatomy and physiology
- g. pathophysiology
- h. health assessment techniques (e.g., vital signs, pain assessment, allergies, lab values, chart review, NPO status)
- i. selection criteria (e.g., BMI, ASA, sleep apnea, infectious disease, age)
- j. pain management (e.g., ERAS; multi-modal, regional blocks)

Task

Assess patient appropriateness for ambulatory setting (e.g., facility guidelines and protocols)

Knowledge Needed

- a. anatomy and physiology
- b. pharmacology
- c. diagnostic procedures and results
- d. advanced directives, DNR status, AND (Allow Natural Death) processes
- e. selection criteria (e.g., BMI, ASA, sleep apnea, infectious disease, age)
- f. discharge needs (e.g., home care, durable medical equipment, transportation, care giver, medications, rehab)
- g. pre-surgery risk assessment (e.g., medications, previous surgeries, special needs, comorbidities, preop instructions)

Task

Formulate nursing diagnoses

Knowledge Needed

- a. pathophysiology
- b. diagnostic procedures and results
- c. approved nursing diagnoses (e.g., North American Nursing Diagnosis Administration, Perioperative Nursing Data Set)
- d. nursing process
- e. pre-surgery risk assessment (e.g., medications, previous surgeries, special needs, comorbidities, preop instructions)
- f. pain management (e.g., ERAS; multi-modal, regional blocks)

Task

Document preoperative assessment

Knowledge Needed

- a. anatomy and physiology
- b. health assessment techniques (e.g., vital signs, pain assessment, allergies, lab values, chart review, NPO status)
- c. informed consent(s) or waivers (e.g., surgical, anesthesia, blood, photographs, visitors)
- d. advanced directives and DNR
- e. pain management (e.g., ERAS; multi-modal, regional blocks)

Subject Area 2: Preoperative Plan of Care**Task**

Develop plan of care - Anticipate physiological responses

Knowledge Needed

- a. physiological responses (e.g., risk of infection, altered tissue perfusion, thermal regulation)
- b. disease processes
- c. age specific needs
- d. patient rights and responsibilities
- e. patient outcomes
- f. Universal protocol and transmission-based Precautions
- g. preoperative patient preparation interventions (e.g., IV, removal of jewelry, hair removal)

Task

Develop plan of care - Implement CMS quality measures (e.g., patient falls, patient burns)

Knowledge Needed

- a. physiological responses (e.g., risk of infection, altered tissue perfusion, thermal regulation)
- b. age specific needs
- c. patient outcomes

Task

Develop plan of care - Anticipate perioperative safety needs (e.g., chemical, radiation, fire, laser, positioning)

Knowledge Needed

- a. physiological responses (e.g., risk of infection, altered tissue perfusion, thermal regulation)
- b. age specific needs
- c. perioperative safety
- d. Universal protocol and transmission-based precautions

Task

Develop plan of care - Identify behavioral responses of patient and family (e.g., comfort, anxiety, medication, pain management, sociocultural)

Knowledge Needed

- a. behavioral responses
- b. age specific needs
- c. transcultural nursing theory (e.g., cultural and ethnic influences, family patterns, spirituality and related practices)
- d. patient rights and responsibilities
- e. resources for patient/family education
- f. legal responsibilities and implications for patient care
- g. patient outcomes

Task

Develop plan of care - Evaluate age-specific needs (e.g., temperature of room, size of instruments)

Knowledge Needed

- a. physiological responses (e.g., risk of infection, altered tissue perfusion, thermal regulation)
- b. behavioral responses
- c. age specific needs
- d. perioperative safety
- e. resources for patient/family education
- f. community networking and institutional resources (e.g., supplies, equipment, patient transfer agreements, courier service; emergency services)
- g. preoperative patient preparation interventions (e.g., IV, removal of jewelry, hair removal)

Task

Develop plan of care - Evaluate sociocultural diversity needs and requirements (e.g., communication barriers, attire)

Knowledge Needed

- a. behavioral responses
- b. transcultural nursing theory (e.g., cultural and ethnic influences, family patterns, spirituality and related practices)
- c. patient rights and responsibilities
- d. resources for patient/family education

Task

Develop plan of care - Adhere to legal and ethical guidelines

Knowledge Needed

- a. transcultural nursing theory (e.g., cultural and ethnic influences, family patterns, spirituality and related practices)
- b. patient rights and responsibilities
- c. resources for patient/family education
- d. legal responsibilities and implications for patient care
- e. patient outcomes

Task

Develop plan of care - Collaborate and coordinate with the interdisciplinary healthcare team (e.g., radiology, pathology; neuromonitoring)

Knowledge Needed

- a. physiological responses (e.g., risk of infection, altered tissue perfusion, thermal regulation)
- b. perioperative safety
- c. legal responsibilities and implications for patient care
- d. community networking and institutional resources (e.g., supplies, equipment, patient transfer agreements, courier service; emergency services)
- e. Universal protocol and transmission-based precautions

Task

Develop plan of care - Use a patient-centered model (e.g., patient, family, and care giver involvement)

Knowledge Needed

- a. behavioral responses
- b. age specific needs
- c. transcultural nursing theory (e.g., cultural and ethnic influences, family patterns, spirituality and related practices)
- d. patient rights and responsibilities
- e. resources for patient/family education
- f. patient outcomes

Task

Identify and plan for expected patient outcomes/postoperative needs (e.g., responsible supervision; transportation; obstructive sleep apnea)

Knowledge Needed

- a. disease processes
- b. age specific needs
- c. transcultural nursing theory (e.g., cultural and ethnic influences, family patterns, spirituality and related practices)
- d. patient rights and responsibilities
- e. community networking and institutional resources (e.g., supplies, equipment, patient transfer agreements, courier service; emergency services)
- f. patient outcomes

Task

Adhere to Universal Protocol

Knowledge Needed

- a. age specific needs
- b. perioperative safety
- c. patient rights and responsibilities
- d. legal responsibilities and implications for patient care
- e. Universal protocol and transmission-based Precautions

Task

Conduct site preparation (e.g., hair removal; skin antisepsis)

Knowledge Needed

- a. physiological responses (e.g., risk of infection, altered tissue perfusion, thermal regulation)
- b. perioperative safety
- c. patient outcomes
- d. Universal protocol and transmission-based Precautions
- e. preoperative patient preparation interventions (e.g., IV, removal of jewelry, hair removal)

Task

Confirm availability of implant(s), supplies, and equipment

Knowledge Needed

- a. perioperative safety
- b. legal responsibilities and implications for patient care
- c. community networking and institutional resources (e.g., supplies, equipment, patient transfer agreements, courier service; emergency services)
- d. preoperative patient preparation interventions (e.g., IV, removal of jewelry, hair removal)

Subject Area 3: Intraoperative Care**Task**

Optimize physiological responses of the patient (e.g., normothermia, infection control, perfusion)

Knowledge Needed

- a. surgical procedure
- b. infection prevention and control
- c. aseptic technique and surgical conscience
- d. skin prep antisepsis
- e. potential complications
- f. positioning
- g. wound healing
- h. wound classification
- i. pain management
- j. medication management (e.g., timing, labeling, redosing)
- k. environmental factors (e.g., temperature, humidity, air exchange, noise, traffic patterns)
- l. hemodynamic needs
- m. equipment use per manufacturer's instructions for use (IFU)

Task

Monitor and maintain patient and personnel safety (e.g., chemical, fire, radiation, energy generating devices, positioning)

Knowledge Needed

- a. patient/personnel safety
- b. ergonomics and body mechanics
- c. positioning
- d. anesthesia management and anesthetic agents (e.g., airway maintenance; reversal agents and antagonists)

- e. moderate and local sedation/analgesia with appropriate monitoring
- f. medication management (e.g., timing, labeling, redosing)
- g. surgical counts
- h. hazardous materials
- i. smoke plumes
- j. environmental factors (e.g., temperature, humidity, air exchange, noise, traffic patterns)
- k. equipment use per manufacturer's instructions for use (IFU)

Task

Optimize patient care based on behavioral responses (e.g., comfort, anxiety, pain management; sociocultural, and/or ethical issues)

Knowledge Needed

- a. surgical procedure
- b. patient/personnel safety
- c. positioning
- d. pain management Task - Prepare the surgical site Knowledge Needed
- e. surgical procedure
- f. infection prevention and control
- g. aseptic technique and surgical conscience
- h. skin prep antisepsis
- i. potential complications
- j. positioning
- k. wound healing
- l. wound classification
- m. medication management (e.g., timing, labeling, redosing)
- n. environmental factors (e.g., temperature, humidity, air exchange, noise, traffic patterns)

Task

Select procedure-specific protective materials and equipment (e.g., lead aprons, laser goggles, smoke evacuators; extinguishers)

Knowledge Needed

- a. surgical procedure
- b. infection prevention and control
- c. aseptic technique and surgical conscience
- d. patient/personnel safety
- e. potential complications
- f. positioning
- g. anesthesia management and anesthetic agents (e.g., airway maintenance; reversal agents and antagonists)
- h. instruments, supplies, and equipment
- i. hazardous materials
- j. smoke plumes
- k. equipment use per manufacturer's instructions for use (IFU)

Task

Monitor and evaluate the effects of pharmacological and anesthetic agents.

Knowledge Needed

- a. anesthesia management and anesthetic agents (e.g., airway maintenance; reversal agents and antagonists)
- b. moderate and local sedation/analgesia with appropriate monitoring
- c. pain management
- d. medication management (e.g., timing, labeling, redosing)
- e. hemodynamic needs

Task

Assist with anesthesia management (e.g., induction, airway protection, extubation; cricoid pressure)

Knowledge Needed

- a. surgical procedure
- b. patient/personnel safety
- c. potential complications
- d. positioning
- e. anesthesia management and anesthetic agents (e.g., airway maintenance; reversal agents and antagonists)
- f. moderate and local sedation/analgesia with appropriate monitoring
- g. pain management
- h. medication management (e.g., timing, labeling, redosing)
- i. hemodynamic needs

Task

Identify and control environmental factors (e.g., humidity, noise, temperature, traffic)

Knowledge Needed

- a. infection prevention and control
- b. aseptic technique and surgical conscience
- c. patient/personnel safety
- d. potential complications
- e. wound healing
- f. hazardous materials
- g. smoke plumes
- h. environmental factors (e.g., temperature, humidity, air exchange, noise, traffic patterns)

Task

Maintain a sterile field utilizing aseptic technique

Knowledge Needed

- a. surgical procedure
- b. infection prevention and control
- c. aseptic technique and surgical conscience
- d. skin prep antisepsis
- e. potential complications

- f. instruments, supplies, and equipment
- g. environmental factors (e.g., temperature, humidity, air exchange, noise, traffic patterns)

Task

Ensure the sterility of surgical products and instrumentation (e.g., expiration date, package integrity)

Knowledge Needed

- a. infection prevention and control
- b. aseptic technique and surgical conscience
- c. potential complications
- d. instruments, supplies, and equipment
- e. implants, preparation, explants
- f. environmental factors (e.g., temperature, humidity, air exchange, noise, traffic patterns)
- g. equipment use per manufacturer's instructions for use (IFU)

Task

Test and use equipment according to manufacturer's recommendations

Knowledge Needed

- a. surgical procedure
- b. patient/personnel safety
- c. instruments, supplies, and equipment
- d. implants, preparation, explants
- e. environmental factors (e.g., temperature, humidity, air exchange, noise, traffic patterns)
- f. equipment use per manufacturer's instructions for use (IFU) Task - Maintain the dignity, modesty, and privacy of the patient Knowledge Needed
- g. surgical procedure
- h. patient/personnel safety
- i. positioning
- j. environmental factors (e.g., temperature, humidity, air exchange, noise, traffic patterns)

Task

Verify and document specimens with surgical team (e.g., name, type, suture tags)

Knowledge Needed

- a. surgical procedure
- b. perioperative documentation (e.g., indications)
- c. patient/personnel safety
- d. positioning

Task

Prepare, label, and transport specimens

Knowledge Needed

- a. surgical procedure
- b. perioperative documentation (e.g., indications)
- c. aseptic technique and surgical conscience

- d. patient/personnel safety
- e. positioning

Task

Confirm, present, and prepare implants

Knowledge Needed

- a. surgical procedure
- b. perioperative documentation (e.g., indications)
- c. infection prevention and control
- d. aseptic technique and surgical conscience
- e. potential complications
- f. implants, preparation, explants
- g. equipment use per manufacturer's instructions for use (IFU)

Task

Prepare explants for final disposition

Knowledge Needed

- a. perioperative documentation (e.g., indications)
- b. infection prevention and control
- c. patient/personnel safety
- d. implants, preparation, explants
- e. specimen management
- f. hazardous materials
- g. equipment use per manufacturer's instructions for use (IFU)

Task

Prepare and label solutions, medications, and medication containers

Knowledge Needed

- a. perioperative documentation (e.g., indications)
- b. aseptic technique and surgical conscience
- c. patient/personnel safety
- d. potential complications
- e. pain management
- f. medication management (e.g., timing, labeling, redosing)
- g. hazardous materials
- h. Task - Perform counts Knowledge Needed
- i. surgical procedure
- j. perioperative documentation (e.g., indications)
- k. patient/personnel safety
- l. potential complications
- m. surgical counts

Task

Adhere to universal protocol (e.g., time out, WHO Checklist, National Patient Safety Goals)

Knowledge Needed

- a. surgical procedure
- b. perioperative documentation (e.g., indications)
- c. infection prevention and control
- d. aseptic technique and surgical conscience
- e. skin prep antisepsis
- f. patient/personnel safety
- g. potential complications
- h. positioning
- i. surgical counts
- j. environmental factors (e.g., temperature, humidity, air exchange, noise, traffic patterns)

Task

Maintain accurate patient records/documentation (e.g., relevant facts and data elements, positioning, solutions and medications, counts; wound classification)

Knowledge Needed

- a. surgical procedure
- b. perioperative documentation (e.g., indications)
- c. positioning
- d. wound classification
- e. medication management (e.g., timing, labeling, redosing)
- f. implants, preparation, explants
- g. surgical counts
- h. specimen management

Task

Manage patient hemodynamic needs (e.g., fluid replacement)

Knowledge Needed

- a. surgical procedure
- b. infection prevention and control
- c. patient/personnel safety
- d. potential complications
- e. wound healing
- f. anesthesia management and anesthetic agents (e.g., airway maintenance; reversal agents and antagonists)
- g. hemodynamic needs

Task

Utilize ergonomics and proper body mechanics in performing patient care

Knowledge Needed

- a. surgical procedure
- b. patient/personnel safety
- c. ergonomics and body mechanics

- d. potential complications
- e. positioning

Task

Prepare, label, and administer moderate and local sedation/analgesia with appropriate monitoring (e.g., capnography; pulse oximeter)

Knowledge Needed

- a. surgical procedure
- b. perioperative documentation (e.g., indications)
- c. patient/personnel safety
- d. anesthesia management and anesthetic agents (e.g., airway maintenance; reversal agents and antagonists)
- e. moderate and local sedation/analgesia with appropriate monitoring
- f. pain management
- g. medication management (e.g., timing, labeling, redosing)

Subject Area 4: Communication**Task**

Communicate patient status and changes to the interdisciplinary healthcare providers

Knowledge Needed

- a. communication techniques (e.g., patient, family, team, chain of command)
- b. methods and requirements for reporting to interdisciplinary healthcare providers (e.g., critical lab values, medical condition, medications, allergies, implants/implantable devices, read back verbal orders)
- c. hand-offs
- d. barriers to communication (e.g., patient, family, team, chain of command)
- e. information technology (e.g., software applications, security rules, HIPAA)

Task

Utilize effective communication for continuity of patient care (e.g., hand-off, debrief)

Knowledge Needed

- a. communication techniques (e.g., patient, family, team, chain of command)
- b. methods and requirements for reporting to interdisciplinary healthcare providers (e.g., critical lab values, medical condition, medications, allergies, implants/implantable devices, read back verbal orders)
- c. hand-offs
- d. barriers to communication (e.g., patient, family, team, chain of command)
- e. perioperative patient education techniques

Task

Provide information to the patient/family according to HIPAA guidelines (e.g., status, updates)

Knowledge Needed

- a. communication techniques (e.g., patient, family, team, chain of command)

- b. hand-offs
- c. barriers to communication (e.g., patient, family, team, chain of command)
- d. information technology (e.g., software applications, security rules, HIPAA)

Task

Identify barriers to sociocultural communication and participate in implementing effective solutions

Knowledge Needed

- a. communication techniques (e.g., patient, family, team, chain of command)
- b. interviewing techniques
- c. hand-offs
- d. barriers to communication (e.g., patient, family, team, chain of command)
- e. perioperative patient education techniques

Task

Provide and document perioperative education

Knowledge Needed

- a. communication techniques (e.g., patient, family, team, chain of command)
- b. interviewing techniques
- c. hand-offs
- d. barriers to communication (e.g., patient, family, team, chain of command)
- e. perioperative patient education techniques
- f. information technology (e.g., software applications, security rules, HIPAA)

Task

Promote culture of safety through workplace civility and team communication

Knowledge Needed

- a. communication techniques (e.g., patient, family, team, chain of command)
- b. methods and requirements for reporting to interdisciplinary healthcare providers (e.g., critical lab values, medical condition, medications, allergies, implants/implantable devices, read back verbal orders)
- c. hand-offs
- d. barriers to communication (e.g., patient, family, team, chain of command)
- e. information technology (e.g., software applications, security rules, HIPAA)

Subject Area 5: Postoperative/Transfer of Care

Task

Collaborate with interdisciplinary services

Knowledge Needed

- a. interdisciplinary services for care coordination (e.g., nutrition, wound care, social work, referrals, transportation, convalescent center, physical therapy)
- b. community based resources (e.g., visiting nurse; physical therapy)
- c. transfer of care (e.g., home, hospital, rehab)
- d. pain management (e.g., ERAS; multi-modal, regional blocks)

Task

Evaluate patient status to facilitate transfer to the next level of care (e.g., PACU, home, rehab facility, hospital; 23-hour-observation)

Knowledge Needed

- a. interdisciplinary services for care coordination (e.g., nutrition, wound care, social work, referrals, transportation, convalescent center, physical therapy)
- b. community based resources (e.g., visiting nurse; physical therapy)
- c. transfer of care (e.g., home, hospital, rehab)
- d. discharge criteria (e.g., Aldrete; medication reconciliation)
- e. pain management (e.g., ERAS; multi-modal, regional blocks)

Task

Document patient care

Knowledge Needed

- a. interdisciplinary services for care coordination (e.g., nutrition, wound care, social work, referrals, transportation, convalescent center, physical therapy)
- b. transfer of care (e.g., home, hospital, rehab)
- c. discharge criteria (e.g., Aldrete; medication reconciliation)
- d. regulatory guidelines concerning postoperative follow up (e.g., phone calls, appointments)
- e. pain management (e.g., ERAS; multi-modal, regional blocks)

Task

Provide and document post discharge follow up communication according to regulatory guidelines

Knowledge Needed

- a. interdisciplinary services for care coordination (e.g., nutrition, wound care, social work, referrals, transportation, convalescent center, physical therapy)
- b. regulatory guidelines concerning post-operative follow up (e.g., phone calls, appointments)
- c. pain management (e.g., ERAS; multi-modal, regional blocks)

Task

Assist with management of airway, pain, and hemodynamic monitoring

Knowledge Needed

- a. airway management
- b. hemodynamic monitoring
- c. pain management (e.g., ERAS; multi-modal, regional blocks)

Task

Maintain intake and output as expected for discharge criteria

Knowledge Needed

- a. interdisciplinary services for care coordination (e.g., nutrition, wound care, social work, referrals, transportation, convalescent center, physical therapy)

- b. transfer of care (e.g., home, hospital, rehab)
- c. discharge criteria (e.g., Aldrete; medication reconciliation)
- d. hemodynamic monitoring

Subject Area 6: Instrument Processing and Supply Management

Task

Select appropriate methods and products for processing (e.g., cleaning, disinfecting, packaging, sterilizing, transportation, storage)

Knowledge Needed

- a. cleaning products and techniques (e.g., manual washing, ultrasonic)
- b. disinfecting techniques (e.g., high-level)
- c. packaging techniques (e.g., crates, peel packs, wraps)
- d. sterilization techniques (e.g., immediate use (IUSS), load parameters, steam sterilization, low-temperature sterilization)
- e. transportation of equipment, instruments, and supplies
- f. storage of equipment, instruments, and supplies
- g. hazardous materials exposure
- h. biohazardous materials (e.g., blood)
- i. documentation requirements for instrument sterilization including biological and chemical monitoring
- j. regulatory requirements for tracking of equipment, instruments, and supplies provided by external sources
- k. quality assurance testing (e.g., washer disinfectant, sterilizer)

Task

Perform and document disinfection procedures (e.g., high level disinfection and decontamination)

Knowledge Needed

- a. disinfecting techniques (e.g., high-level)
- b. sterilization techniques (e.g., immediate use (IUSS), load parameters, steam sterilization, low-temperature sterilization)
- c. documentation requirements for instrument sterilization including biological and chemical monitoring
- d. regulatory requirements for tracking of equipment, instruments, and supplies provided by external sources
- e. quality assurance testing (e.g., washer disinfectant, sterilizer)

Task

Handle and dispose of hazardous materials (e.g., chemo drugs, radioactive materials)

Knowledge Needed

- a. cleaning products and techniques (e.g., manual washing, ultrasonic)
- b. disinfecting techniques (e.g., high-level)
- c. hazardous materials exposure
- d. biohazardous materials (e.g., blood)

Task

Handle and dispose of biohazard materials (e.g., blood, tissue)

Knowledge Needed

- a. cleaning products and techniques (e.g., manual washing, ultrasonic)
- b. disinfecting techniques (e.g., high-level)
- c. hazardous materials exposure
- d. biohazardous materials (e.g., blood)

Task

Perform and document sterilization procedures including biological and chemical monitoring (e.g., load parameters, steam sterilization, low-temperature sterilization)

Knowledge Needed

- a. cleaning products and techniques (e.g., manual washing, ultrasonic)
- b. sterilization techniques (e.g., immediate use (IUSS), load parameters, steam sterilization, low-temperature sterilization)
- c. documentation requirements for instrument sterilization including biological and chemical monitoring
- d. regulatory requirements for tracking of equipment, instruments, and supplies provided by external sources
- e. quality assurance testing (e.g., washer disinfectant, sterilizer)

Task

Monitor environmental conditions of sterilization and storage areas

Knowledge Needed

- a. packaging techniques (e.g., crates, peel packs, wraps)
- b. storage of equipment, instruments, and supplies
- c. regulatory requirements for tracking of equipment, instruments, and supplies provided by external sources
- d. quality assurance testing (e.g., washer disinfectant, sterilizer)

Task

Coordinate materials and instruments provided by external sources (e.g., loaner instruments)

Knowledge Needed

- a. transportation of equipment, instruments, and supplies
- b. storage of equipment, instruments, and supplies
- c. documentation requirements for instrument sterilization including biological and chemical monitoring
- d. regulatory requirements for tracking of equipment, instruments, and supplies provided by external sources

Task

Perform and document immediate use steam sterilization (IUSS)

Knowledge Needed

- a. sterilization techniques (e.g., immediate use (IUSS), load parameters, steam sterilization, low-temperature sterilization)
- b. documentation requirements for instrument sterilization including biological and chemical monitoring
- c. quality assurance testing (e.g., washer disinfectant, sterilizer)

Subject Area 7: Emergency Situations

Task

Perform nursing interventions based on age-specific needs

Knowledge Needed

- a. preparations for and management of medical emergencies (e.g., Malignant Hyperthermia (MH), anaphylaxis, cardiac arrest, hemorrhage)
- b. roles of the interdisciplinary healthcare team members during internal/external emergency situations (e.g., triage, FEMA, EMS, community resources)

Task

Coordinate members of the interdisciplinary healthcare team during internal/external emergency situations

Knowledge Needed

- a. preparations for and management of medical emergencies (e.g., Malignant Hyperthermia (MH), anaphylaxis, cardiac arrest, hemorrhage)
- b. preparations for and management of environmental hazards and natural disasters (e.g., fire, toxic fumes, natural disasters, terrorism, power outage, active shooter)
- c. roles of the interdisciplinary healthcare team members during internal/external emergency situations (e.g., triage, FEMA, EMS, community resources)

Task

Protect patient and resources from environmental hazards and during disasters

Knowledge Needed

- a. preparations for and management of medical emergencies (e.g., Malignant Hyperthermia (MH), anaphylaxis, cardiac arrest, hemorrhage)
- b. preparations for and management of environmental hazards and natural disasters (e.g., fire, toxic fumes, natural disasters, terrorism, power outage, active shooter)
- c. roles of the interdisciplinary healthcare team members during internal/external emergency situations (e.g., triage, FEMA, EMS, community resources)

Subject Area 8: Management of Personnel, Services, and Materials

Task

Acquire equipment, supplies, and personnel

Knowledge Needed

- a. product evaluation processes (e.g., cost benefit analysis)
- b. perioperative resource management (e.g., equipment, supplies, staffing)
- c. implant management (e.g., regulatory and manufacturers' instructions for use)

- d. adjunct roles, assigned staff, and responsibilities (e.g., medication safety, laser safety, employee health, Privacy officer, Facility officer; Risk Manager; infection prevention)

Task

Monitor and assist with implementation of cost-containment measures

Knowledge Needed

- a. product evaluation processes (e.g., cost benefit analysis)
- b. waste management (e.g., reprocessing to include single-use devices, supply standardization)
- c. perioperative resource management (e.g., equipment, supplies, staffing)
- d. role of non-perioperative personnel (e.g., vendor, students, visitors, family; medical records, admissions)
- e. implant management (e.g., regulatory and manufacturers' instructions for use)

Task

Participate in product evaluation, selection, and recall

Knowledge Needed

- a. product evaluation processes (e.g., cost benefit analysis)
- b. waste management (e.g., reprocessing to include single-use devices, supply standardization)
- c. perioperative resource management (e.g., equipment, supplies, staffing)
- d. adjunct roles, assigned staff, and responsibilities (e.g., medication safety, laser safety, employee health, Privacy officer, Facility officer; Risk Manager; infection prevention)

Task

Supervise, educate, and mentor healthcare team members

Knowledge Needed

- a. scope of practice for the interdisciplinary team per regulatory agencies (e.g., Nurse Practice Act)
- b. perioperative resource management (e.g., equipment, supplies, staffing)
- c. role of non-perioperative personnel (e.g., vendor, students, visitors, family; medical records, admissions)
- d. personal protective equipment (PPE)
- e. radiation safety (e.g., dosimetry badges, time, distance, shielding, lead protection)
- f. adjunct roles, assigned staff, and responsibilities (e.g., medication safety, laser safety, employee health, Privacy officer, Facility officer; Risk Manager; infection prevention)

Task

Delegate perioperative tasks to appropriate personnel within their scope of practice

Knowledge Needed

- a. scope of practice for the interdisciplinary team per regulatory agencies (e.g., Nurse Practice Act)
- b. perioperative resource management (e.g., equipment, supplies, staffing)
- c. personal protective equipment (PPE)
- d. radiation safety (e.g., dosimetry badges, time, distance, shielding, lead protection)
- e. adjunct roles, assigned staff, and responsibilities (e.g., medication safety, laser safety, employee health, Privacy officer, Facility officer; Risk Manager; infection prevention)

Task

Supervise non-OR personnel (e.g., vendors, students, visitors, family)

Knowledge Needed

- a. scope of practice for the interdisciplinary team per regulatory agencies (e.g., Nurse Practice Act)
- b. product evaluation processes (e.g., cost benefit analysis)
- c. perioperative resource management (e.g., equipment, supplies, staffing)
- d. role of non-perioperative personnel (e.g., vendor, students, visitors, family; medical records, admissions)
- e. personal protective equipment (PPE)
- f. radiation safety (e.g., dosimetry badges, time, distance, shielding, lead protection)
- g. adjunct roles, assigned staff, and responsibilities (e.g., medication safety, laser safety, employee health, Privacy officer, Facility officer; Risk Manager; infection prevention)

Task

Implement environmental sustainability practices (e.g., reprocessing, recycling)

Knowledge Needed

- a. product evaluation processes (e.g., cost benefit analysis)
- b. waste management (e.g., reprocessing to include single-use devices, supply standardization)
- c. perioperative resource management (e.g., equipment, supplies, staffing)
- d. environmental management (e.g., spills, room turnover, terminal cleaning, physical plant)
- e. implant management (e.g., regulatory and manufacturers' instructions for use)

Task

Ensure use of Personal Protective Equipment (PPE)

Knowledge Needed

- a. environmental management (e.g., spills, room turnover, terminal cleaning, physical plant)
- b. personal protective equipment (PPE)
- c. adjunct roles, assigned staff, and responsibilities (e.g., medication safety, laser safety, employee health, Privacy officer, Facility officer; Risk Manager; infection prevention)

Task

Oversee environmental cleaning (e.g., spills, room turnover, terminal cleaning)

Knowledge Needed

- a. perioperative resource management (e.g., equipment, supplies, staffing)
- b. environmental management (e.g., spills, room turnover, terminal cleaning, physical plant)
- c. personal protective equipment (PPE)
- d. adjunct roles, assigned staff, and responsibilities (e.g., medication safety, laser safety, employee health, Privacy officer, Facility officer; Risk Manager; infection prevention)

Task

Coordinate and document preventive maintenance of equipment

Knowledge Needed

- a. perioperative resource management (e.g., equipment, supplies, staffing)
- b. role of non-perioperative personnel (e.g., vendor, students, visitors, family; medical records, admissions)

- c. radiation safety (e.g., dosimetry badges, time, distance, shielding, lead protection)
- d. adjunct roles, assigned staff, and responsibilities (e.g., medication safety, laser safety, employee health, Privacy officer, Facility officer; Risk Manager; infection prevention)

Task

Track biological implants (e.g., order, reconstitute, storage, use/waste)

Knowledge Needed

- a. implant management (e.g., regulatory and manufacturers' instructions for use)
- b. radiation safety (e.g., dosimetry badges, time, distance, shielding, lead protection)
- c. adjunct roles, assigned staff, and responsibilities (e.g., medication safety, laser safety, employee health, Privacy officer, Facility officer; Risk Manager; infection prevention)

Task

Monitor availability and sterility of supplies

Knowledge Needed

- a. product evaluation processes (e.g., cost benefit analysis)
- b. waste management (e.g., reprocessing to include single-use devices, supply standardization)
- c. perioperative resource management (e.g., equipment, supplies, staffing)
- d. implant management (e.g., regulatory and manufacturers' instructions for use)
- e. personal protective equipment (PPE)

Task

Monitor radiation safety

Knowledge Needed

- a. scope of practice for the interdisciplinary team per regulatory agencies (e.g., Nurse Practice Act)
- b. radiation safety (e.g., dosimetry badges, time, distance, shielding, lead protection)
- c. adjunct roles, assigned staff, and responsibilities (e.g., medication safety, laser safety, employee health, Privacy officer, Facility officer; Risk Manager; infection prevention)

Subject Area 9: Professional Accountability**Task**

Protect patient confidentiality

Knowledge Needed

- a. accreditation standards and organization guidelines (e.g., AORN Guidelines for Perioperative Nursing, Perioperative Explications for the ANA Code of Ethics for Nurses, ASPAN, APIC, AAMI)
- b. local, state, and federal regulatory requirements (FDA, CDC, CMS, OSHA, DEA)
- c. patient's rights and advocacy

Task

Advocate for and protect patients' rights

Knowledge Needed

- a. accreditation standards and organization guidelines (e.g., AORN Guidelines for Perioperative Nursing, Perioperative Explications for the ANA Code of Ethics for Nurses, ASPAN, APIC, AAMI)
- b. local, state, and federal regulatory requirements (FDA, CDC, CMS, OSHA, DEA)
- c. patient's rights and advocacy
- d. risk management (e.g., event reporting, good catch, disclosure of unanticipated events, recalls, Safe Medical Device Act)
- e. maintaining required competencies

Task

Perform functions within scope of practice

Knowledge Needed

- a. accreditation standards and organization guidelines (e.g., AORN Guidelines for Perioperative Nursing, Perioperative Explications for the ANA Code of Ethics for Nurses, ASPAN, APIC, AAMI)
- b. local, state, and federal regulatory requirements (FDA, CDC, CMS, OSHA, DEA)
- c. responsibilities regarding behaviors that undermine a culture of safety
- d. patient's rights and advocacy
- e. principles of delegation
- f. risk management (e.g., event reporting, good catch, disclosure of unanticipated events, recalls, Safe Medical Device Act)

Task

Demonstrate competency in perioperative nursing practice

Knowledge Needed

- a. accreditation standards and organization guidelines (e.g., AORN Guidelines for Perioperative Nursing, Perioperative Explications for the ANA Code of Ethics for Nurses, ASPAN, APIC, AAMI)
- b. local, state, and federal regulatory requirements (FDA, CDC, CMS, OSHA, DEA)
- c. professional development resources
- d. quality improvement processes (e.g., research, data collection, evidence-based practice, performance improvement; CMS quality measures; reimbursements)
- e. maintaining required competencies

Task

Acknowledge personal bias and limitations and seek assistance as needed

Knowledge Needed

- a. accreditation standards and organization guidelines (e.g., AORN Guidelines for Perioperative Nursing, Perioperative Explications for the ANA Code of Ethics for Nurses, ASPAN, APIC, AAMI)
- b. local, state, and federal regulatory requirements (FDA, CDC, CMS, OSHA, DEA)
- c. professional development resources
- d. responsibilities regarding behaviors that undermine a culture of safety
- e. risk management (e.g., event reporting, good catch, disclosure of unanticipated events, recalls, Safe Medical Device Act)

Task

Identify and take appropriate action regarding behaviors that undermine a culture of safety (e.g., disruptive behavior)

Knowledge Needed

- a. accreditation standards and organization guidelines (e.g., AORN Guidelines for Perioperative Nursing, Perioperative Explications for the ANA Code of Ethics for Nurses, ASPAN, APIC, AAMI)
- b. responsibilities regarding behaviors that undermine a culture of safety
- c. patient's rights and advocacy

Task

Participate in professional development activities (e.g., shared governance activities, staff education, committees, certification, advanced degrees, professional organizations)

Knowledge Needed

- a. professional development resources
- b. quality improvement processes (e.g., research, data collection, evidence-based practice, performance improvement; CMS quality measures; reimbursements)
- c. maintaining required competencies Task - Participate in quality improvement activities Knowledge Needed
- d. local, state, and federal regulatory requirements (FDA, CDC, CMS, OSHA, DEA)
- e. professional development resources
- f. quality improvement processes (e.g., research, data collection, evidence-based practice, performance improvement; CMS quality measures; reimbursements)
- g. risk management (e.g., event reporting, good catch, disclosure of unanticipated events, recalls, Safe Medical Device Act)

Task

Utilize standards and recommended practices (e.g., AORN, APIC, AAMI, IAHCSMM, ASPAN)

Knowledge Needed

- a. accreditation standards and organization guidelines (e.g., AORN Guidelines for Perioperative Nursing, Perioperative Explications for the ANA Code of Ethics for Nurses, ASPAN, APIC, AAMI)
- b. local, state, and federal regulatory requirements (FDA, CDC, CMS, OSHA, DEA)
- c. professional development resources
- d. quality improvement processes (e.g., research, data collection, evidence-based practice, performance improvement; CMS quality measures; reimbursements)
- e. maintaining required competencies

Task

Report unanticipated events and good catches

Knowledge Needed

- a. accreditation standards and organization guidelines (e.g., AORN Guidelines for Perioperative Nursing, Perioperative Explications for the ANA Code of Ethics for Nurses, ASPAN, APIC, AAMI)
- b. local, state, and federal regulatory requirements (FDA, CDC, CMS, OSHA, DEA)
- c. quality improvement processes (e.g., research, data collection, evidence-based practice, performance improvement; CMS quality measures; reimbursements)

- d. responsibilities regarding behaviors that undermine a culture of safety
- e. patient's rights and advocacy
- f. risk management (e.g., event reporting, good catch, disclosure of unanticipated events, recalls, Safe Medical Device Act)

Task

Comply with regulatory and accreditation guidelines (e.g., life safety)

Knowledge Needed

- a. accreditation standards and organization guidelines (e.g., AORN Guidelines for Perioperative Nursing, Perioperative Explications for the ANA Code of Ethics for Nurses, ASPAN, APIC, AAMI)
- b. local, state, and federal regulatory requirements (FDA, CDC, CMS, OSHA, DEA)
- c. responsibilities regarding behaviors that undermine a culture of safety
- d. risk management (e.g., event reporting, good catch, disclosure of unanticipated events, recalls, Safe Medical Device Act)
- e. maintaining required competencies

Task

Demonstrate evidence-based practice (e.g., hand hygiene; safe injection practices; surgical attire)

Knowledge Needed

- a. accreditation standards and organization guidelines (e.g., AORN Guidelines for Perioperative Nursing, Perioperative Explications for the ANA Code of Ethics for Nurses, ASPAN, APIC, AAMI)
- b. local, state, and federal regulatory requirements (FDA, CDC, CMS, OSHA, DEA)
- c. quality improvement processes (e.g., research, data collection, evidence-based practice, performance improvement; CMS quality measures; reimbursements)
- d. patient's rights and advocacy
- e. risk management (e.g., event reporting, good catch, disclosure of unanticipated events, recalls, Safe Medical Device Act)
- f. maintaining required competencies