



Study Plan 2021-2022

For applicants sitting for the exam before June 30, 2022

References Cited in This Plan:

AORN. (2021). *Guidelines for perioperative practice*. Denver, CO: AORN.

Orem-Forren, J. (2018). *Drain's perianesthesia nursing: A critical care approach* (7th Ed.). St. Louis, MO: Elsevier.

Phillips, N., & Hornack, A. (2021). *Berry & Kohn's operating room technique* (14th ed.). St. Louis, MO: Elsevier.
(Key=B&K)

Rothrock, J.C. (Ed.). (2019). *Alexander's care of the patient in surgery* (16th ed.). St. Louis, MO: Elsevier.
(Key=Alexander's)

AORN Position Statements and endorsed documents are found at

<http://www.aorn.org/guidelines/clinical-resources/position-statements>

NOTE: **Bolded** items appear in multiple subject areas

Subject Area 1: Pre/Postoperative Patient Assessment and Diagnosis 15%

Primary General Readings:

Alexander's Care of the Patient in Surgery: Chapters 1, 2, 30

Berry and Kohn's Operating Room Technique: Chapters 2, 3, 11, 21

Drain's: Section II: Physiologic Considerations in the PACU

Topic	Key Words	Additional Readings
1: Confirm patient identity with two patient identifiers	Preoperative verification, The Joint Commission, Universal Protocol, wrong site, wrong procedure, wrong person	Universal Protocol. Retrieved Jan. 19, 2021 from https://www.jointcommission.org/en/standards/universal-protocol/
2: Confirm correct procedure, operative site, side/site marking with a completed consent	Informed consent, site marking, Universal Protocol, wrong site, wrong procedure, wrong person	See Primary General Readings AORN Guidelines for: <ul style="list-style-type: none"> • Information Management, p. 362-363 • Team Communication, p. 1079 AORN Position Statement: Preventing Wrong- Patient, Wrong-Site, Wrong-Procedure Events Alexander's: Chapter 19, p. 625 Drain's: Chapter 8, pp. 92-93 Universal Protocol. Retrieved Jan. 19, 2021 from https://www.jointcommission.org/en/standards/universal-protocol/
3: Review relevant patient data	Allergies, diagnostic studies, laboratory results, medical history, surgical history, NPO status	AORN Guidelines for <ul style="list-style-type: none"> • Local Anesthesia, pp. 443-462 • Moderate Sedation, pp. 535-569 B&K: Chapter 22 Drain's: Chapter 2, pp. 11-13
4: Use age and culturally appropriate health assessment techniques	Age appropriate, cultural competence, interview, observation	AORN Position Statement: Care of the Older Adult in Perioperative Settings Alexander's: Chapters 26, 27 B&K: Chapters 8,9 Drain's: Chapters 49, 50
5: Review medication reconciliation	Alcohol use, allergies, complementary/alternative medicine (CAM), herbs,	AORN Guidelines for: <ul style="list-style-type: none"> • Complementary Care, pp. 35-49 • Medication Safety, pp.474-476

	home meds, medical marijuana, medication reconciliation, pharmacology , preoperative medications, recreational drugs side effects	AORN Endorsed Document: Joint Position Statement on Substance Use Alexander's: Chapter 19, p. 625; Chapter 29, pp. 1129-1130 B&K: Chapter 23, pp. 419-420 Drain's: Chapter 19, pp. 256-258
6: Conduct an individualized physical assessment	Age-appropriate, anatomy & physiology, assessment, body piercings, cognitive level, diagnostic studies , documentation, laboratory results , mobility, NPO status , nursing process , nutrition, pathophysiology, physical assessment, skin integrity, vital signs	AORN Guidelines for: <ul style="list-style-type: none"> • Information Management, pp. 355-357 • Moderate Sedation/Analgesia, pp. 540-544 • Local Anesthesia, pp. 447-448 Alexander's: Chapter 5, p. 112; Chapter 6, p. 160; Chapters 26,27; Appendix A B&K: Chapters 7, 8, 9, 25 Drain's: Chapter 27
7: Obtain a focused assessment relevant to the procedure	Aldrete score, neurological assessment	AORN Guideline: Positioning, pp. 648-652 Alexanders: Chapter 21, pp. 778-780; Chapter 26, p. 1053 B&K, Chapter 11, p. 197; Chapter 25, p. 474 Drain's: Chapter 2, pp. 13-15; Chapter 3, pp. 21-22; Chapter 38, pp. 578-581
8: Perform a pain assessment	Pain measurement techniques	Alexander's: Chapters 5, 10, 26, 27 B&K: Chapters 8, 9, 30 Drain's: Chapter 31
9: Formulate nursing diagnoses	NANDA, nursing diagnosis , PNDS	AORN Guideline: Information Management, p. 357 AORN Endorsed Document: ANA Position Statement on Inclusion of Recognized Terminologies within EHR and other HIT Solutions
10: Confirm advance directive status and/or DNR status	Advance directive, DNR	AORN Position Statement: Perioperative Care of Patients with Do-Not-Resuscitate Orders Drain's: Chapter 7, p. 73; Chapter 8, pp. 93-94
11: Conduct patient and family teaching as appropriate for procedure	Teaching and learning theories	Alexander's: Chapter 10, p. 284; Chapter 26, p. 1009-1010 B&K: Chapter 21, pp. 375-376 Drain's: Chapter 28

Subject Area 2: Individualized Plan of Care Development and Expected Outcome

Identification 8%

Primary General Readings:

Alexander’s Care of the Patient in Surgery: Chapter 1; Unit II: Surgical interventions

Berry and Kohn’s Operating Room Technique: Chapters 2, 7, 21

Topic	Key Words	Additional Readings
1: Identify measurable patient outcomes across the continuum of care	Outcome	Alexander’s: Chapter 10, pp. 263, 282
2: identify specific interventions for each nursing diagnosis to achieve expected outcomes	Disease processes, interventions, NANDA, nursing diagnoses, nursing process	AORN Guideline: Information Management, p. 355 AORN Endorsed Document: ANA Position Statement on Inclusion of Recognized Terminologies within EHR and other HIT Solutions Alexander’s: Chapter 1, pp. 4-5
3: Ensure care plan addresses specific patient considerations	Age-specific, behavioral responses , community resources, cultural/ethnic influences , disease processes, diversity, family patterns , institutional resources, legal/ethical standards, patient rights/responsibilities, perioperative safety, physiological responses, plan of care, spirituality	AORN Guidelines for: Information Management, pp.354-355 Local Anesthesia, p. 449 Moderate Sedation/Analgesia, pp. 544-545 AORN Position Statement: Patient Safety AORN Endorsed Document: Free from Harm: Accelerating Patient Safety Improvement 15 Years After Alexander’s: Plans of care

		are included in each specialty chapter
4: Evaluate patient responses to plan of care	Evaluation	Alexander's: Chapter 1, pp. 3, 8-9 B&K: Chapter 2, pp. 26
5: Update plan of care as needed	Patient education	Alexander's: Chapter 10, p. 284; Chapter 16, p. 534; Chapter 26, p. 1009-1010 B&K: Chapter 21, p. 375
6. Utilize critical thinking skills to facilitate patient care	Communication skills, critical thinking	AORN Guidelines: Team Communication Alexander's: Chapter 2, pp. 21-22; Chapter 19, p. 625 B&K: Chapter 1, pp. 10-11

Subject Area 3: Intraoperative Activities 34% Total

Subject Area 3.a. Patient Care and Safety 25%

Primary General Readings:

Alexander's Care of the Patient in Surgery: Unit II: Surgical interventions

Berry and Kohn's Operating Room Technique: Section 12: Surgical Specialties

Drain's: Section IV: Nursing Care in the PACU

Topic	Key Words	Additional Readings
1: Maintain patient and personnel safety by monitoring environmental hazards	Chemical, critical thinking skills , electrical, fire, expected outcomes , hazardous waste management, laser, radiation, regulatory guidelines , smoke plume	AORN Guidelines: <ul style="list-style-type: none"> • Energy-Generating Devices • Environment of Care • Radiation Safety • Surgical Smoke Safety AORN Position Statements for: <ul style="list-style-type: none"> • Distraction and Noise in the Perioperative Practice Setting Alexander's: Chapter 2, pp. 28-30; Chapter 8; Chapter 19, pp. 629-630 B&K: Chapter 7, pp. 109-110; Chapter 13; Chapter 20, pp. 357-360

2: Provide comfort measures to optimize behavioral responses to the surgical procedure	Expected outcomes, psychological, spiritual, surgical procedure	AORN Guidelines: <ul style="list-style-type: none"> Complementary Care Interventions Alexander's: Chapter 30 Drain's: Chapter 28, pp. 395-396; Chapter 31, p. 438
3: Prepare the surgical site	Anatomy and physiology, infection control, privacy, skin antisepsis	AORN Guidelines: <ul style="list-style-type: none"> Positioning the Patient Patient Skin Antisepsis Alexander's: Chapter 4, pp. 98-100 B&K: Chapter 26, pp. 508-514 Drain's: Chapter 5, p. 54
4: Ensure the selection of appropriate procedure-specific barrier materials	Infection control	AORN Guidelines: <ul style="list-style-type: none"> Product Evaluation Alexander's: Chapter 4, pp. 100-102 B&K: Chapter 26, pp. 515-517
5: Evaluate patient response to pharmacological agents	Pain management, pharmacology	AORN Guidelines for: <ul style="list-style-type: none"> Care of the Patient Receiving Moderate Sedation/Analgesia Medication safety Ambulatory supplement: Medication safety Care of the patient receiving local anesthesia AORN Endorsed Document: CDC Position Statement on Single-Dose/Single Use Vials Alexander's: Chapters 5,10 B&K: Chapter 23 Drain's: Chapter 19
6: Assist with anesthesia management	Agents, cricoid pressure, intubation, monitors, pharmacology	AORN Guidelines for: <ul style="list-style-type: none"> Care of the Patient Receiving Moderate Sedation/Analgesia Care of the patient receiving local anesthesia Alexander's: Chapter 5 B&K: Chapter 24 Drain's: Chapters 20, 21, 22, 23, 24, 25
7: Control environmental factors	Air exchange, humidity, infection control, noise, standard precautions,	AORN Guidelines for: <ul style="list-style-type: none"> Design and Maintenance Environmental Cleaning Transmission-Based Precautions Ambulatory Supplement: Transmission-Based Precautions AORN Position Statements: HVAC Interim Guidance Statement

	temperature, traffic, transmission-based precautions	<p>AORN Endorsed Documents:</p> <ul style="list-style-type: none"> • ANA Position Statement on Immunizations • Joint Commission- OR Relative Humidity <p>Alexander's: Chapter 4, pp. 54-70 B&K: Chapters 10, 12; Chapter 15, pp. 250, 254-256</p>
8: Maintain a sterile field using aseptic technique	Aseptic technique, infection control	<p>AORN Guidelines for:</p> <ul style="list-style-type: none"> • Surgical Attire • Hand Hygiene • Sterile Technique <p>Alexander's: Chapter 4, pp. 85-98 B&K: Chapter 2, p.22; Chapters 15, 16</p>
9: Utilize equipment according to manufacturer's recommendations	Instruments, manufacturer's instructions, supplies	<p>AORN Guidelines:</p> <ul style="list-style-type: none"> • Product Evaluation. p. 725 • Sterilization, pp. 990-991 <p>B&K: Chapter 2, p. 23</p>
10: Maintain the dignity and privacy of the patient	Dignity, patient rights, privacy	<p>AORN Guidelines:</p> <ul style="list-style-type: none"> • Positioning, pp. 647-648 <p>Alexander's: Chapter 2, pp. 31-32 B&K: Chapter 3, pp. 38-39 Drain's: Chapter 8, pp. 94-95</p>
11: Protect patients' rights through advocacy	Patient advocacy, patient rights, professional standards of care	<p>Alexander's: Chapter 1, pp. 1-2; Chapter 2, p. 31 B&K: Chapter 2, p. 16 Drain's: Chapter 7, p. 83</p>
12: Verify that specimens are prepared, labeled, and transported correctly	Handling, regulatory guidelines	<p>AORN Guidelines:</p> <ul style="list-style-type: none"> • Specimen Management • Autologous Tissue Management <p>Alexander's: Chapter 2, pp. 26-27 B&K: Chapter 2, p. 24; Chapter 22; Chapter 25, p. 477</p>
13: Verify that the correct implants are available	Regulatory guidelines, tracking	<p>Alexander's: Chapter 22, p. 817 B&K: Chapter 28, pp. 563-568</p>
14: Verify that the implants are correctly prepared	Handling, sterilization	<p>AORN Guidelines:</p> <ul style="list-style-type: none"> • Sterilization, pp. 969; 994-995 <p>Alexander's: Chapter 22, p. 817</p>

		B&K: Chapter 28, pp. 563-558; Chapter 40, p. 836
15: Prepare explants for final disposition	Handling, regulatory guidelines , sterilization	AORN Guidelines: <ul style="list-style-type: none"> Autologous Tissue Management, pp. 25-27 Specimen Management, p. 914 Alexander's: Chapter 22, p. 817
16: Label solutions, medications, and medication containers	Labeling, management, rights	AORN Guidelines: <ul style="list-style-type: none"> Medication Safety Alexander's: Chapter 2, p. 29 B&K: Chapter 2, p. 24; Chapter 23, pp. 413-415; Chapter 25, pp. 458, 460
17: Perform appropriate surgical counts	Surgical counts	AORN Guidelines: <ul style="list-style-type: none"> Retained Surgical Items Alexander's: Chapter 2, pp. 25-26 B&K: Chapter 2, pp. 22-23; Chapter 25, pp. 462; 479-483; Chapter 31, p. 617
18: Perform universal protocol	Preoperative patient preparation activities, pre-procedure identification, pre-procedure verification, regulatory guidelines, site marking, time out, Universal Protocol	AORN. (2015). <i>Position statement: Preventing wrong-patient, wrong-site, wrong-procedures events</i> . Retrieved Jan. 21, 2021 from https://www.aorn.org/guidelines/clinical-resources/position-statements AORN Guidelines: <ul style="list-style-type: none"> Team Communication, pp. 1052-1055 Alexander's: Chapter 2, pp. 17-18; 23-25 B&K: Chapter 2, p. 20 Universal Protocol. Retrieved Jan. 21, 2021 from https://www.jointcommission.org/en/standards/universal-protocol/
19: Anticipate the need for intraoperative blood transfusion/salvage	Blood salvage, transfusion,	Alexander's: Chapter 12, pp. 349-350; Chapter 28, pp. 1102-1104 B&K: Chapter 8, p. 133; Chapter 31, pp. 623-626; Chapter 44, pp. 929-930 Drain's: Chapter 54, pp. 777-778
20: Utilize proper body mechanics	Body mechanics, ergonomics	AORN Guidelines: <ul style="list-style-type: none"> Safe Patient Handling Alexander's: Chapter 3, p. 38 B&K: Chapter 13, pp. 211-214; Chapter 25, pp. 483-485 Drain's: Chapter 1, p. 5
21: Perform proper patient positioning	Anatomy and physiology;	AORN Guidelines: <ul style="list-style-type: none"> Positioning the Patient AORN. (2016). <i>Position statement: Prevention of pressure ulcers</i> .

	principles of positioning	Retrieved Jan. 21, 2021 from https://www.aorn.org/guidelines/clinical-resources/position-statements Alexander's: Chapter 6 B&K: Chapter 26 Drain's: Chapter 28, p. 390
22: Intervene with impaired/disruptive behavior in patients, family members, and/or the perioperative team	Conflict management	AORN Guidelines: Team Communications, p. 1073 AORN. (2015). <i>Position statement: Healthy perioperative practice environment</i> . Retrieved Jan. 21, 2021 from https://www.aorn.org/guidelines/clinical-resources/position-statements ANA. (2015). <i>Position statement: Incivility, bullying, and workplace violence</i> . Retrieved January 21, 2021 from https://www.nursingworld.org/~49d6e3/globalassets/practiceandpolicy/nursing-excellence/incivility-bullying-and-workplace-violence--ana-position-statement.pdf Alexander's: Chapter 3, pp. 51-52. B&K: Chapter 1, pp. 11-12; Chapter 6, pp. 88-89 Drain's: Chapter 7, pp. 74; 82-83
23: Identify wound classifications	Principles of wound healing; wound classification	AORN Guidelines: <ul style="list-style-type: none"> • Sterile Technique, p. 948 Alexander's: Chapter 9, pp. 250 B&K: Chapter 29, pp. 570-572 CDC. (2020). Surgical Site Infection (SSI) Event. Retrieved Jan. 21, 2021 from https://www.cdc.gov/nhsn/pdfs/pscmanual/9pscSSICurrent.pdf
24: Maintain wound dressings	Drains, dressings, lines; principles of wound healing	Alexander's: Chapter 9 B&K: Chapter 29, pp. 574-579

Subject Area 3.b. Management of Intraoperative Activities 9%

Topic	Key Words	Additional Readings
1: Acquire needed equipment, supplies, and personnel	Room preparation	Alexander's: Chapter 1, p. 12 B&K: Chapter 25
2: Assess expiration date and package integrity of products	Packaging, sterilizing	AORN Guidelines: <ul style="list-style-type: none"> • Sterile Technique, p. 961-962 Alexander's: Chapter 4, p. 84 B&K: Chapter 25, pp. 461-462
3: Implement cost-containment measure	Cost containment	AORN Guidelines for: <ul style="list-style-type: none"> • Product Evaluation Alexander's: Chapter 4, p. 84 B&K: Chapter 17, pp. 300-301; Chapter 25, pp. 485-486
4: Participate in product evaluation/selection	Product evaluation	AORN Guidelines for: <ul style="list-style-type: none"> • Product Evaluation B&K: Chapter 6, pp. 91-92
5: Provide supervision of and education to healthcare team members	Scope of practice	AORN. (2018). <i>Perioperative explications for ANA Code of Ethics</i> . Found at www.aorn.org , Clinical Resources, Code of Ethics (Member only). AORN Position Statement: <ul style="list-style-type: none"> • Orientation of the Registered Nurse and Surgical Technologist to the Perioperative Setting Retrieved Jan. 26, 2021 from https://www.aorn.org/guidelines/clinical-resources/position-statements B&K: Chapter 1
6: Delegate tasks to appropriate personnel according to regulatory agencies and facility policies and procedures	Delegation, management technique, scope of practice	Alexander's: Chapter 1, p. 8 B&K: Chapter 4, p. 52; Chapter 6, p. 88 ANA. <i>Scope of practice</i> . Retrieved Jan. 21, 2021 from https://www.nursingworld.org/practice-policy/scope-of-practice/ National Council of State Boards of Nursing. <i>Delegation</i> . Retrieved Jan. 21, 2021 from https://www.ncsbn.org/1625.htm

7: Supervise visitors	Family, non-OR personnel, students	<p>AORN Position Statements:</p> <ul style="list-style-type: none"> • (2015). <i>Allied Health Care Providers and Support Personnel in the Perioperative Setting</i> • (2015). <i>Value of Clinical Learning Activities in the Periop Setting in Undergraduate Nursing Curricula</i> • (2017). <i>Responsibility for Mentoring</i> <p>Retrieved Jan. 21, 2021 from https://www.aorn.org/guidelines/clinical-resources/position-statements</p> <p>B&K: Chapter 1, pp. 2-5</p>
8: Manage Healthcare Industry Representative (HCIR) presence in the OR	HCIR	<p>AORN. (2020). <i>Position statement: Role of the Health Care Industry Representative in the Perioperative Setting</i>. Retrieved Jan. 21, 2021 from https://www.aorn.org/guidelines/clinical-resources/position-statements</p> <p>B&K: Chapter 6, pp. 91-92</p>
9: Practice environmental stewardship	Go green, minimize waste	<p>AORN Guidelines:</p> <ul style="list-style-type: none"> • Product Evaluation, p. 725 • Sterilization, pp. <p>AORN. (2020). <i>Position statement: Environmental responsibility</i>. Retrieved Jan. 21, 2021 from https://www.aorn.org/guidelines/clinical-resources/position-statements</p> <p>B&K: Chapter 12, p. 209</p>

Subject Area 4: Communication and Documentation 11%

Primary General Readings:

AORN Guidelines: Information Management; Team Communication

Alexander's Care of the Patient in Surgery: Chapter 10

Berry and Kohn's Operating Room Technique: Chapter 30

Topic	Key Words	Additional Readings
1: Maintain accurate patient records/ documentation of all care provided	Documentation tools, downtime forms, Electronic Health Record (EHR) nursing interventions, patient data, unusual occurrences, specimens, medications	B&K: Chapter 3, pp. 45-48; Chapter 25, p. 477
2: Collaborate with the interdisciplinary healthcare team	Interdisciplinary plan of care, interdisciplinary services for care coordination, medical reconciliation, nutrition, referrals, social work, transportation, Universal Protocol , visiting nurse, wound care	Alexander's: Chapter 2, pp. 21, 22, 24 B&K: Chapter 6; Chapter 25 Drain's: Chapter 3. pp. 23-34 Universal Protocol. Retrieved Jan. 22, 2021 from https://www.jointcommission.org/en/standards/universal-protocol/
3: Communicate current patient status to the interdisciplinary healthcare providers	Allergies , communication techniques, critical lab values , implants/implantable devices, medical condition, medications	Alexander's: Chapter 1, p. 9; Chapter 2, pp. 21-22 B&K: Chapter 1, pp. 10-12; Chapter 6, pp. 77-78; Chapter 30, p. 599
4: Communicate measurable patient outcomes across the continuum of care	Communication techniques, hand-offs	Alexander's: Chapter 2, pp. 22-23; Chapter 10, pp. 261-262; Chapter 26, pp. 1004-1005; Chapter 27, p. 1156 B&K: Chapter 6, p. 79 Drain's: Chapter 26, pp. 350-351
5: Document perioperative education	Interviewing techniques , patient education techniques	AORN Guideline: <ul style="list-style-type: none"> • Care of the Patient Receiving Local Anesthesia, pp. 437-438 • Medication Safety, pp. 457-458 • Moderate Sedation, pp. 534-535 Alexander's: Chapter 10, p. 284; Chapter 26, pp. 1009-1010; patient education is included in specialty-specific chapters, Unit

		II B&K: Chapter 21, p. 368-371 Drain's: Chapter 28, pp. 388-389
6: Document post discharge follow up communication provided to patient	Postoperative complications, postoperative follow-up, regulatory guidelines	Alexander's: Chapter 2, p. 18; each chapter in Unit II has discharge planning information pertinent to that specialty B&K: Chapter 30, pp. 599-600 Drain's: Chapter 3, pp. 21-22; Chapter 28, pp. 388-389; Chapter 49, pp. 730-731
7: Document preoperative assessment	Neuro checks, skin, site-surgery checklist	Alexander's: Chapter 1, p. 3-5; Chapter 26, pp. 1001-1003; Chapter 30, p. 1156 B&K: Chapter 2, p. 29 Drain's: Chapter 2, pp. 11-13
8: Document transfer of care	Transfer of care criteria	Alexander's: Chapter 10 B&K: Chapter 30 Drain's: Chapter 26, pp. 351-355
9: Document appropriate measures to prepare and track implantable tissue and other trackable items	Implant records	AORN Guidelines: <ul style="list-style-type: none"> Autologous Tissue Management, pp. 27-28 Alexander's: Chapter 20, pp. 683- 684 B&K: Chapter 36, p. 749
10: Evaluate patient status to facilitate transfer to the next level of care	Home, ICU, PACU	AORN Guidelines: <ul style="list-style-type: none"> Care of the Patient Receiving Moderate Sedation/Analgesia, pp. 531-534 Alexander's: Chapter 10 B&K: Chapter 30 Drain's: Chapter 26
11. Implement effective solutions to identified patient communication barriers	Barriers, communication techniques	Alexander's: Chapter 16, p. 534; Chapter 30, p. 1156 B&K: Chapter 7, p. 97; Chapter 41, p. 851-852

12: Provide information about the patient according to HIPAA guidelines	Confidentiality, regulatory guidelines, status, updates	AORN Endorsed Document: ANA Position Statement on Inclusion of Recognized Terminologies within EHR B&K: Chapter 2, p. 18 HIPAA for professionals. Retrieved January 21, 2021 from https://www.hhs.gov/hipaa/for-professionals/index.html
13: Utilize read-back for verbal orders	Communication techniques , read back, verbal orders	AORN Guidelines: <ul style="list-style-type: none"> • Information Management, p. 362 • Medication Safety, pp. 470-471; 484 • Specimen Management, p. 936 • Team Communication, p. 1074
14: Document surgical wound classification	Wound classification	Alexander's: Chapter 9, pp. 250 B&K: Chapter 29, p. 572 CDC. (2020). Surgical Site Infection (SSI) Event. Retrieved Jan. 22, 2021+ from https://www.cdc.gov/nhsn/pdfs/pscmanual/9pscSSIcurrent.pdf

Subject Area 5: Infection Prevention and Control 16%

Primary General Readings:

AORN Guidelines: Design and Maintenance; Environmental Cleaning; Environment of Care; Flexible Endoscopes; High-Level Disinfection; Instrument Cleaning; Packaging Systems; Sterilization

Alexander's Care of the Patient in Surgery: Chapter 4

Berry and Kohn's Operating Room Technique: Chapters 10, 17,18

Drain's Perianesthesia Nursing: Chapter 5

Topic	Key Words	Additional Readings
-------	-----------	---------------------

<p>1: Ensure proper environmental cleaning for spills, room turnover, and/or terminal cleaning</p>	<p>Environmental cleaning, room turnover, spills, terminal cleaning</p>	<p>B&K: Chapter 12; Chapter 15, pp. 255-257</p>
<p>2: Select appropriate method for cleaning, disinfecting, packaging, sterilizing, transporting, and/or storage of instruments and reusable goods</p>	<p>Professional and regulatory standards (e.g., AORN Guidelines, OSHA, Association for the Advancement of Medical Instrumentation (AAMI), Association for Professionals in Infection Control (APIC)</p> <p>Principles of cleaning and disinfection of instruments/reusable goods</p> <p>Principles of packaging and sterilizing of instruments and reusable goods</p> <p>Spaulding Classification</p>	<p>AORN Position Statement:</p> <ul style="list-style-type: none"> • Immediate Use Steam Sterilization Retrieved Jan. 24, 2021 from https://www.aorn.org/guidelines/clinical-resources/position-statements <p>Alexander's: Chapter 4, p. 74; Chapter 8, pp. 210-211</p> <p>AAMI. https://www.aami.org/ APIC. https://apic.org/</p>

<p>3: Select appropriate methods for transporting and storage of single-use items</p>	<p>Principles of transporting and storage of instruments, reusable goods, and single-use supplies</p>	<p>AORN Guidelines:</p> <ul style="list-style-type: none"> • Patient skin antisepsis, p. 610-611 <p>Alexander's: Chapter 8, p. 211-212</p>
<p>4: Maintain appropriate documentation for sterilization and disinfection</p>	<p>Documentation</p>	<p>See primary readings</p> <p>AORN Guidelines:</p> <ul style="list-style-type: none"> • Flexible Endoscopes: p.235 • HLD: pp. 311-312 • Sterilization: pp. 1006-1007
<p>5: Ensure proper handling and disposition of hazardous materials</p>	<p>Chemo drugs, hazardous materials, radioactive materials</p>	<p>AORN Guidelines:</p> <ul style="list-style-type: none"> • Environment of Care, pp. 134-139 • Instrument Cleaning, pp. 424-430 • Radiation Safety, p. 742 <p>Alexander's: Chapter 3, pp. 45-46</p> <p>B&K: Chapter 7, pp. 110-111; Chapter 13, pp. 220-222</p>
<p>6: Ensure proper handling and disposition of biohazard materials</p>	<p>Biohazard materials, blood, Creutzfeldt-Jacob Disease, microbiology, and infection control</p>	<p>AORN Guidelines:</p> <ul style="list-style-type: none"> • Environmental Cleaning, pp. 156-158; 162-164 <p>B&K: Chapter 13, pp. 225-226; Chapter 14, pp. 244</p> <p>OSHA Bloodborne Pathogens Standard 1910.1030. Retrieved Jan. 24, 2021 from https://www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.1030</p>

7: Utilize appropriate Personal Protective Equipment (PPE)	Standard precautions, transmission-based precautions	<p>AORN Guidelines:</p> <ul style="list-style-type: none"> • Sharps Safety, pp. 887-889 • Surgical Attire • Transmission-Based Precautions <p>Alexander's: Chapter 4, pp. 66,88-89 B&K: Chapter 15, pp. 257-258; Chapter 16 Drain's: Chapter 5, pp. 48; 51-52</p>
8: Adhere to appropriate procedures for sterilization, biological monitoring, and chemical monitoring	Documentation requirements for sterilization, biological and chemical monitoring	See primary readings
9: Monitor environmental conditions of sterilization and storage areas	Environmental conditions of sterilization and storage areas	<p>See primary readings</p> <p>AORN Position Statement:</p> <ul style="list-style-type: none"> • Joint Interim Guidance: HVAC in the Operating Room and Sterile Processing Department • Relative Humidity Levels in the Operating Room <p>Retrieved Jan. 24, 2021 from https://www.aorn.org/guidelines/clinical-resources/position-statements</p>
10: Track materials and instruments brought in from outside the facility	Regulatory requirements for tracking of materials and instruments brought in from outside facility	<p>AORN Guidelines: Sterilization</p> <p>AORN Position Statement: Role of the Health Care Representative in Perioperative Settings Retrieved Jan. 24, 2021 from https://www.aorn.org/guidelines/clinical-resources/position-statements</p>
11: Adhere to guidelines regarding proper surgical attire based on restricted, semi-restricted, and non-restricted zones	Surgical attire based on surgical/perioperative zones	<p>Alexander's: Chapter 4, pp. 86-87 B&K: Chapter 10, p.171</p>
12: Adhere to proper hand hygiene	Hand hygiene	<p>AORN Guidelines:</p> <ul style="list-style-type: none"> • Hand hygiene <p>Alexander's: Chapter 4, p. 66; pp. 89-92 B&K: Chapter 16, pp. 276-278 Drain's: Chapter 5, pp. 47-48</p>

Subject Area 6: Emergency Situations 10%

Primary Chapter Readings:

Alexander's Care of the Patient in Surgery: Chapter 28, Trauma Surgery

Berry and Kohn's Operating Room Technique: Chapter 13, Potential sources of injury to the caregiver and the patient; Chapter 31, Potential Perioperative Complications

Drain's: Chapters 54, 57

Topic	Key Words	Additional Readings
1: Identify emergency situations		See Primary Readings
2: Perform nursing interventions for malignant hyperthermia (MH)	Interventions, pathophysiology	<p>Alexander's: Chapter 5, pp. 138-139; Chapter 26, p. 1008</p> <p>B&K: Chapter 31, pp. 628-631</p> <p>Drain's: Chapter 1, pp. 6-7; Chapter 49, pp. 729-730; Chapter 53, pp. 766-772</p> <p>MHAUS website: https://www.mhaus.org/ Retrieved Jan. 24, 2021</p>
3: Perform nursing interventions for anaphylaxis	Antibiotic, blood, immune response, interventions, latex	<p>Alexander's: Chapter 3, pp. 48-49; Chapter 4, p. 95</p> <p>B&K: Chapter 13, p. 227; Chapter 14, p. 246</p> <p>Drain's: Chapter 18, pp. 238-240; Chapter 29, pp. 413-416; 54, pp. 787-788</p>
4: Perform nursing interventions for cardiac arrest	Interventions, pathophysiology	<p>AORN Guidelines:</p> <ul style="list-style-type: none"> • Minimally Invasive Surgery, pp. 524-526 • Positioning, p. 695 • Transmission-Based Precautions, p. 1101 <p>B&K: Chapter 31, pp. 610-616</p> <p>Drain's: Chapter 57</p>

5: Perform nursing interventions for trauma	Interventions, pathophysiology	<p>Alexander's: Chapter 26, pp. 1051-1053; Chapter 28</p> <p>B&K: Chapter 3, p. 51; Chapter 6, pp. 79- 80; Chapter 7, pp. 112-117; Chapter 8, p. 119; Section 12, Surgical Specialties contains a section on trauma for each specialty</p> <p>Drain's: Chapter 54</p>
6: Perform nursing interventions for hemorrhage	Interventions, pathophysiology	<p>Alexander's: Chapter 21, p. 766; Chapter 25, p. 958; Chapter 28, pp. 1097-1105; Chapter 29, p. 1142</p> <p>B&K: Chapter 31, pp. 619-627</p> <p>Drain's: Chapter 29, p. 413</p>
7: Perform nursing interventions for local anesthetic systemic toxicity (LAST)	Interventions, pathophysiology	<p>AORN Guidelines:</p> <ul style="list-style-type: none"> • Local Anesthesia, pp. 451-456 <p>Alexander's: Chapter 5, p. 131</p> <p>B&K: Chapter 24, pp. 451-452</p> <p>Drain's: Chapter 24, pp. 325-327</p>
8: Function as a member of the interdisciplinary team	Roles of the interdisciplinary team members	<p>AORN Guidelines: Team Communication</p> <p>Alexander's: Chapter 2, pp. 21, 22, 24</p> <p>B&K: Chapter 6; Chapter 25</p> <p>Drain's: Chapter 3. pp. 23-34</p>
9: Safeguard patients and members of the healthcare team from environmental hazards and during disasters (e.g., fire, toxic fumes, natural disasters, terrorism)	Environmental hazards, fire, toxic fumes, natural disasters, terrorism	<p>AORN Guidelines:</p> <ul style="list-style-type: none"> • Electrosurgical Safety, pp. 88-90 • Environment of Care • Environmental Cleaning, pp. 149-150 • Surgical Smoke Safety <p>Alexander's: Chapter 2, pp. 28-29;</p>

		Chapter 4, pp. 67-69; Chapter 8, pp. 235-236; Chapter 19, p. 630 B&K: Chapter 2, p. 19Chapter 6, pp.85- 86; Chapter 13, pp. 221-226; Chapter 14, pp. 249-250; Chapter 20, p. 360 Drain's: Chapter 56
--	--	--

Subject Area 7: Professional Accountabilities 6%

General Chapter Readings:

AORN. (2018). *Perioperative explications for ANA Code of Ethics*. Found at www.aorn.org, Clinical resources, Code of Ethics (member only)

Alexander's Care of the Patient in Surgery: Chapters 1,2

Berry and Kohn's Operating Room Technique: Chapters 2, 3, 4, 6

Drain's: Chapter 8

Topic	Key Words	Additional Readings
1: Function within scope of practice	Scope of practice	AORN. (2018). <i>Perioperative explications for ANA Code of Ethics</i> . Found at www.aorn.org , Clinical Resources, Code of Ethics (Member only). ANA. <i>Scope of practice</i> . Retrieved Jan. 26, 2021 from https://www.nursingworld.org/practice-policy/scope-of-practice/ B&K: Chapter 2, pp. 25,32 Drain's: Chapter 2, pp. 10-11
2: Seek assistance for recognized personal limitations	Accountability	B&K: Chapter 1, pp. 10-12; Chapter 2, pp. 16, 25 Drain's: Chapter 4
3: Report impaired/disruptive behavior in inter-disciplinary healthcare team	Responsibilities regarding impaired and/or disruptive behavior (patient/family, interdisciplinary)	AORN Guidelines: <ul style="list-style-type: none"> • Team Communication, pp. 1069-1073 AORN Position Statements: <ul style="list-style-type: none"> • Healthy Perioperative Practice Environment • Criminalization of Human Errors in the Perioperative Setting AORN Endorsed Document: ANA Position Statement on Incivility, Bullying, and Workplace Violence

	healthcare team members).	<p>Retrieved Jan. 26, 2021 from https://www.aorn.org/guidelines/clinical-resources/position-statements</p> <p>ANA. (2015). <i>Position statement: Incivility, bullying, and workplace violence</i>. Retrieved Jan. 26, 2021 from https://www.nursingworld.org/~49d6e3/globalassets/practiceandpolicy/nursing-excellence/incivility-bullying-and-workplace-violence--ana-position-statement.pdf</p> <p>Alexander's: Chapter 3, pp. 51-52. B&K: Chapter 1, pp. 11-12; Chapter 6, pp. 89-90</p>
4: Uphold ethical and professional standards	Patient rights, regulatory standards (e.g., AORN Guidelines, State Nurse Practice Act)	<p>ANA. (2015). <i>Code of ethics for nurses with interpretive statements</i>. Silver Spring, MD: Author.</p> <p>AORN. (2018). Perioperative explications for ANA Code of Ethics. Found at www.aorn.org, Clinical Resources, Code of Ethics (Member only).</p> <p>B&K: Chapter 2, pp. 16-20; Chapter 3, pp. 48-51</p> <p>National Council of State Board of Nursing. <i>Find your Nurse Practice Act</i>. Retrieved July 13, 2020 from https://www.ncsbn.org/npa.htm</p> <p>Drain's: Chapter 8</p>
5: Utilize resources for personal growth	Resources for professional growth and personal accountability	<p>See primary readings</p> <p>AORN Position Statement: Perioperative Nursing Certification</p> <p>Alexander's: Chapter 1, p. 12</p> <p>B&K: Chapter 4, p. 56</p> <p>Drain's: Chapter 3, pp. 25-26; Chapter 7, p. 83</p>
6: Participate in quality improvement activities	Evidence-based practice principles, research principles, performance improvement	<p>Alexander's: Chapter 1, pp. 9-12</p> <p>B&K: Chapter 2, pp. 25-26; 33-34; Chapter 6, p. 85</p> <p>Drain's: Chapter 3, p. 28; Chapter 9</p>
7: Participate in interdisciplinary teams	Committees, principles of shared governance, staff education	<p>AORN Guidelines:</p> <ul style="list-style-type: none"> • Team Communication <p>B&K: Chapters 4, 6</p> <p>Drain's: Chapter 3, pp. 23-24</p>

8: Participate in professional organizations		Alexander's: Chapter 2, p. 18 B&K: Chapter 2, pp. 17-18 AAMI: www.aami.org AORN. www.aorn.org ASPAN. www.aspan.org APIC. www.apic.org Association for Nursing Professional Development. www.anpd.org IAHCSMM. https://www.iahcsmm.org/
--	--	---