



## Study Plan

### 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* (7<sup>th</sup> Ed.). St. Louis, MO: Elsevier.

Phillips, N. (Ed.). (2021). *Berry and Kohn's operating room technique* (13th 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, <b>The Joint Commission, Universal Protocol, wrong site, wrong procedure, wrong person</b>	Universal Protocol. Retrieved Jan. 19, 2021 from <a href="https://www.jointcommission.org/en/standards/universal-protocol/">https://www.jointcommission.org/en/standards/universal-protocol/</a>
2: Confirm correct procedure, operative site, side/site marking with a completed consent	Informed consent, <b>site marking, Universal Protocol, wrong site, wrong procedure, wrong person</b>	See Primary General Readings AORN Guidelines for: <ul style="list-style-type: none"> <li>• Information Management, p. 362-363</li> <li>• Team Communication, p. 1079</li> </ul> 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 <a href="https://www.jointcommission.org/en/standards/universal-protocol/">https://www.jointcommission.org/en/standards/universal-protocol/</a>
3: Review relevant patient data	<b>Allergies, diagnostic studies, laboratory results,</b> medical history, surgical history, <b>NPO status</b>	AORN Guidelines for <ul style="list-style-type: none"> <li>• Local Anesthesia, pp. 443-462</li> <li>• Moderate Sedation, pp. 535-569</li> </ul> B&K: Chapter 22 Drain's: Chapter 2, pp. 11-13
4: Use age and culturally appropriate health assessment techniques	<b>Age appropriate,</b> 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, <b>allergies,</b> complementary/alternative medicine (CAM), herbs, home meds, medical marijuana, medication	AORN Guidelines for: <ul style="list-style-type: none"> <li>• Complementary Care, pp. 35-49</li> <li>• Medication Safety, pp.474-476</li> </ul> AORN Endorsed Document: Joint Position Statement on Substance Use

	reconciliation, <b>pharmacology</b> , preoperative medications, recreational drugs side effects	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, <b>diagnostic studies</b> , documentation, <b>laboratory results</b> , mobility, <b>NPO status</b> , <b>nursing process</b> , nutrition, pathophysiology, physical assessment, skin integrity, vital signs	AORN Guidelines for: <ul style="list-style-type: none"> <li>• Information Management, pp. 355-357</li> <li>• Moderate Sedation/Analgesia, pp. 540-544</li> <li>• Local Anesthesia, pp. 447-448</li> </ul> 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, <b>nursing diagnosis</b> , PND	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, <b>NANDA, nursing diagnoses, nursing process</b>	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, <b>behavioral responses</b> , community resources, <b>cultural/ethnic influences</b> , disease processes, <b>diversity, family patterns</b> , institutional resources, legal/ethical standards, patient rights/responsibilities, perioperative safety, <b>physiological responses, plan of care, spirituality</b>	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 <b>critical thinking skills</b> to facilitate patient care	Communication skills, <b>critical thinking</b>	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, <b>critical thinking skills</b> , electrical, fire, <b>expected outcomes</b> , hazardous waste management, laser, radiation, <b>regulatory guidelines</b> , smoke plume	AORN Guidelines: <ul style="list-style-type: none"> <li>• Energy-Generating Devices</li> <li>• Environment of Care</li> <li>• Radiation Safety</li> <li>• Surgical Smoke Safety</li> </ul> AORN Position Statements for: <ul style="list-style-type: none"> <li>• Distraction and Noise in the Perioperative Practice Setting</li> </ul> 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	<b>Expected outcomes</b> , psychological,	AORN Guidelines: <ul style="list-style-type: none"> <li>• Complementary Care Interventions</li> </ul>

responses to the surgical procedure	spiritual, <b>surgical procedure</b>	Alexander's: Chapter 30 Drain's: Chapter 28, pp. 395-396; Chapter 31, p. 438
3: Prepare the surgical site	<b>Anatomy and physiology, infection control, privacy, skin antisepsis</b>	AORN Guidelines: <ul style="list-style-type: none"> <li>Positioning the Patient</li> <li>Patient Skin Antisepsis</li> </ul> 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	<b>Infection control</b>	AORN Guidelines: <ul style="list-style-type: none"> <li>Product Evaluation</li> </ul> Alexander's: Chapter 4, pp. 100-102 B&K: Chapter 26, pp. 515-517
5: Evaluate patient response to pharmacological agents	<b>Pain management, pharmacology</b>	AORN Guidelines for: <ul style="list-style-type: none"> <li>Care of the Patient Receiving Moderate Sedation/Analgesia</li> <li>Medication safety</li> <li>Ambulatory supplement: Medication safety</li> <li>Care of the patient receiving local anesthesia</li> </ul> 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, <b>pharmacology</b>	AORN Guidelines for: <ul style="list-style-type: none"> <li>Care of the Patient Receiving Moderate Sedation/Analgesia</li> <li>Care of the patient receiving local anesthesia</li> </ul> Alexander's: Chapter 5 B&K: Chapter 24 Drain's: Chapters 20, 21, 22, 23, 24, 25
7: Control environmental factors	Air exchange, humidity, <b>infection control</b> , noise, standard precautions, temperature, traffic, transmission-	AORN Guidelines for: <ul style="list-style-type: none"> <li>Design and Maintenance</li> <li>Environmental Cleaning</li> <li>Transmission-Based Precautions</li> <li>Ambulatory Supplement: Transmission-Based Precautions</li> </ul> AORN Position Statements: HVAC Interim Guidance Statement AORN Endorsed Documents: <ul style="list-style-type: none"> <li>ANA Position Statement on Immunizations</li> <li>Joint Commission- OR Relative Humidity</li> </ul>

	based precautions	Alexander's: Chapter 4, pp. 54-70 B&K: Chapters 10, 12; Chapter 15, pp. 250, 254-256
8: Maintain a sterile field using aseptic technique	Aseptic technique, infection <b>control</b>	AORN Guidelines for: <ul style="list-style-type: none"> <li>• Surgical Attire</li> <li>• Hand Hygiene</li> <li>• Sterile Technique</li> </ul> <p>Alexander's: Chapter 4, pp. 85-98 B&amp;K: Chapter 2, p.22; Chapters 15, 16</p>
9: Utilize equipment according to manufacturer's recommendations	Instruments, manufacturer's instructions, supplies	AORN Guidelines: <ul style="list-style-type: none"> <li>• Product Evaluation. p. 725</li> <li>• Sterilization, pp. 990-991</li> </ul> <p>B&amp;K: Chapter 2, p. 23</p>
10: Maintain the dignity and privacy of the patient	<b>Dignity, patient rights, privacy</b>	AORN Guidelines: <ul style="list-style-type: none"> <li>• Positioning, pp. 647-648</li> </ul> <p>Alexander's: Chapter 2, pp. 31-32 B&amp;K: Chapter 3, pp. 38-39 Drain's: Chapter 8, pp. 94-95</p>
11: Protect patients' rights through advocacy	<b>Patient advocacy, patient rights, professional standards of care</b>	Alexander's: Chapter 1, pp. 1-2; Chapter 2, p. 31 B&K: Chapter 2, p. 16 Drain's: Chapter 7, p. 83
12: Verify that specimens are prepared, labeled, and transported correctly	Handling, <b>regulatory guidelines</b>	AORN Guidelines: <ul style="list-style-type: none"> <li>• Specimen Management</li> <li>• Autologous Tissue Management</li> </ul> <p>Alexander's: Chapter 2, pp. 26-27 B&amp;K: Chapter 2, p. 24; Chapter 22; Chapter 25, p. 477</p>
13: Verify that the correct implants are available	<b>Regulatory guidelines, tracking</b>	Alexander's: Chapter 22, p. 817 B&K: Chapter 28, pp. 563-568
14: Verify that the implants are correctly prepared	Handling, sterilization	AORN Guidelines: <ul style="list-style-type: none"> <li>• Sterilization, pp. 969; 994-995</li> </ul> <p>Alexander's: Chapter 22, p. 817 B&amp;K: Chapter 28, pp. 563-558; Chapter 40, p. 836</p>
15: Prepare explants for final disposition	Handling, <b>regulatory</b>	AORN Guidelines: <ul style="list-style-type: none"> <li>• Autologous Tissue Management, pp. 25-27</li> </ul>

	<b>guidelines, sterilization</b>	<ul style="list-style-type: none"> <li>• Specimen Management, p. 914</li> </ul> Alexander's: Chapter 22, p. 817
16: Label solutions, medications, and medication containers	Labeling, management, rights	AORN Guidelines: <ul style="list-style-type: none"> <li>• Medication Safety</li> </ul> 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"> <li>• Retained Surgical Items</li> </ul> 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, <b>pre-procedure verification, regulatory guidelines, site marking, time out, Universal Protocol</b>	AORN. (2015). <i>Position statement: Preventing wrong-patient, wrong-site, wrong-procedures events</i> . Retrieved Jan. 21, 2021 from <a href="https://www.aorn.org/guidelines/clinical-resources/position-statements">https://www.aorn.org/guidelines/clinical-resources/position-statements</a> AORN Guidelines: <ul style="list-style-type: none"> <li>• Team Communication, pp. 1052-1055</li> </ul> Alexander's: Chapter 2, pp. 17-18; 23-25 B&K: Chapter 2, p. 20  Universal Protocol. Retrieved Jan. 21, 2021 from <a href="https://www.jointcommission.org/en/standards/universal-protocol/">https://www.jointcommission.org/en/standards/universal-protocol/</a>
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"> <li>• Safe Patient Handling</li> </ul> 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	<b>Anatomy and physiology;</b> principles of positioning	AORN Guidelines: <ul style="list-style-type: none"> <li>• Positioning the Patient</li> </ul> AORN. (2016). <i>Position statement: Prevention of pressure ulcers</i> . Retrieved Jan. 21, 2021 from <a href="https://www.aorn.org/guidelines/clinical-resources/position-statements">https://www.aorn.org/guidelines/clinical-resources/position-statements</a>



		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 <a href="https://www.aorn.org/guidelines/clinical-resources/position-statements">https://www.aorn.org/guidelines/clinical-resources/position-statements</a>  ANA. (2015). <i>Position statement: Incivility, bullying, and workplace violence</i> . Retrieved January 21, 2021 from <a href="https://www.nursingworld.org/~49d6e3/globalassets/practiceandpolicy/nursing-excellence/incivility-bullying-and-workplace-violence--ana-position-statement.pdf">https://www.nursingworld.org/~49d6e3/globalassets/practiceandpolicy/nursing-excellence/incivility-bullying-and-workplace-violence--ana-position-statement.pdf</a>  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	<b>Principles of wound healing; wound classification</b>	AORN Guidelines: <ul style="list-style-type: none"> <li>• Sterile Technique, p. 948</li> </ul> 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 <a href="https://www.cdc.gov/nhsn/pdfs/pscmanual/9pscSSICurrent.pdf">https://www.cdc.gov/nhsn/pdfs/pscmanual/9pscSSICurrent.pdf</a>
24: Maintain wound dressings	Drains, dressings, lines; <b>principles of wound healing</b>	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"> <li>• Sterile Technique, p. 961-962</li> </ul> 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"> <li>• Product Evaluation</li> </ul> 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"> <li>• Product Evaluation</li> </ul> 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 <a href="http://www.aorn.org">www.aorn.org</a> , Clinical Resources, Code of Ethics (Member only).  AORN Position Statement: <ul style="list-style-type: none"> <li>• Orientation of the Registered Nurse and Surgical Technologist to the Perioperative Setting</li> </ul> Retrieved Jan. 26, 2021 from <a href="https://www.aorn.org/guidelines/clinical-resources/position-statements">https://www.aorn.org/guidelines/clinical-resources/position-statements</a>  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 <a href="https://www.nursingworld.org/practice-policy/scope-of-practice/">https://www.nursingworld.org/practice-policy/scope-of-practice/</a>  National Council of State Boards of Nursing. <i>Delegation</i> . Retrieved Jan. 21, 2021 from <a href="https://www.ncsbn.org/1625.htm">https://www.ncsbn.org/1625.htm</a>
7: Supervise visitors	Family, non-OR personnel, students	AORN Position Statements: <ul style="list-style-type: none"> <li>• (2015). <i>Allied Health Care Providers and Support Personnel in the Perioperative Setting</i></li> </ul>

		<ul style="list-style-type: none"> <li>• (2015). <i>Value of Clinical Learning Activities in the Periop Setting in Undergraduate Nursing Curricula</i></li> <li>• (2017). <i>Responsibility for Mentoring</i> Retrieved Jan. 21, 2021 from <a href="https://www.aorn.org/guidelines/clinical-resources/position-statements">https://www.aorn.org/guidelines/clinical-resources/position-statements</a></li> </ul> <p>B&amp;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 <a href="https://www.aorn.org/guidelines/clinical-resources/position-statements">https://www.aorn.org/guidelines/clinical-resources/position-statements</a></p> <p>B&amp;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"> <li>• Product Evaluation, p. 725</li> <li>• Sterilization, pp.</li> </ul> <p>AORN. (2020). <i>Position statement: Environmental responsibility</i>. Retrieved Jan. 21, 2021 from <a href="https://www.aorn.org/guidelines/clinical-resources/position-statements">https://www.aorn.org/guidelines/clinical-resources/position-statements</a></p> <p>B&amp;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, <b>Universal Protocol</b> , 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 <a href="https://www.jointcommission.org/en/standards/universal-protocol/">https://www.jointcommission.org/en/standards/universal-protocol/</a>
3: Communicate current patient status to the interdisciplinary healthcare providers	<b>Allergies</b> , communication techniques, <b>critical lab values</b> , implants/implantable devices, medical condition, <b>medications</b>	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	<b>Communication techniques, hand-offs</b>	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	<b>Interviewing techniques</b> , patient education techniques	AORN Guideline: <ul style="list-style-type: none"> <li>• Care of the Patient Receiving Local Anesthesia, pp. 437-438</li> <li>• Medication Safety, pp. 457-458</li> <li>• Moderate Sedation, pp. 534-535</li> </ul> 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	<b>Neuro checks, skin, site-surgery checklist</b>	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"> <li>Autologous Tissue Management, pp. 27-28</li> </ul> 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"> <li>Care of the Patient Receiving Moderate Sedation/Analgesia, pp. 531-534</li> </ul> Alexander's: Chapter 10 B&K: Chapter 30 Drain's: Chapter 26
11. Implement effective solutions to identified patient communication barriers	Barriers, <b>communication techniques</b>	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 <a href="https://www.hhs.gov/hipaa/for-professionals/index.html">https://www.hhs.gov/hipaa/for-professionals/index.html</a>

13: Utilize read-back for verbal orders	<b>Communication techniques</b> , read back, verbal orders	AORN Guidelines: <ul style="list-style-type: none"> <li>• Information Management, p. 362</li> <li>• Medication Safety, pp. 470-471; 484</li> <li>• Specimen Management, p. 936</li> <li>• Team Communication, p. 1074</li> </ul>
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 <a href="https://www.cdc.gov/nhsn/pdfs/pscmanual/9pscSSICurrent.pdf">https://www.cdc.gov/nhsn/pdfs/pscmanual/9pscSSICurrent.pdf</a>

## 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
1: Ensure proper environmental cleaning for spills, room turnover, and/or terminal cleaning	Environmental cleaning, room turnover, spills, terminal cleaning	B&K: Chapter 12; Chapter 15, pp. 255-257

<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"> <li>• Immediate Use Steam Sterilization</li> </ul> <p>Retrieved Jan. 24, 2021 from <a href="https://www.aorn.org/guidelines/clinical-resources/position-statements">https://www.aorn.org/guidelines/clinical-resources/position-statements</a></p> <p>Alexander's: Chapter 4, p. 74; Chapter 8, pp. 210-211</p> <p>AAMI. <a href="https://www.aami.org/">https://www.aami.org/</a>  APIC. <a href="https://apic.org/">https://apic.org/</a></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"> <li>• Patient skin antisepsis, p. 610-611</li> </ul> <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 AORN Guidelines:</p> <ul style="list-style-type: none"> <li>• Flexible Endoscopes: p.235</li> <li>• HLD: pp. 311-312</li> <li>• Sterilization: pp. 1006-1007</li> </ul>
<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"> <li>• Environment of Care, pp. 134-139</li> <li>• Instrument Cleaning, pp. 424-430</li> <li>• Radiation Safety, p. 742</li> </ul> <p>Alexander’s: Chapter 3, pp. 45-46 B&amp;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"> <li>• Environmental Cleaning, pp. 156-158; 162-164</li> </ul> <p>B&amp;K: Chapter 13, pp. 225-226; Chapter 14, pp. 244</p> <p>OSHA Bloodborne Pathogens Standard 1910.1030. Retrieved Jan. 24, 2021 from <a href="https://www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.1030">https://www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.1030</a></p>
<p>7: Utilize appropriate Personal Protective Equipment (PPE)</p>	<p>Standard precautions, transmission-based precautions</p>	<p>AORN Guidelines:</p> <ul style="list-style-type: none"> <li>• Sharps Safety, pp. 887-889</li> <li>• Surgical Attire</li> <li>• Transmission-Based Precautions</li> </ul> <p>Alexander’s: Chapter 4, pp. 66,88-89 B&amp;K: Chapter 15, pp. 257-258; Chapter 16 Drain’s: Chapter 5, pp. 48; 51-52</p>
<p>8: Adhere to appropriate procedures for sterilization, biological monitoring, and chemical monitoring</p>	<p>Documentation requirements for sterilization, biological and chemical monitoring</p>	<p>See primary readings</p>



9: Monitor environmental conditions of sterilization and storage areas	Environmental conditions of sterilization and storage areas	See primary readings  AORN Position Statement: <ul style="list-style-type: none"> <li>Joint Interim Guidance: HVAC in the Operating Room and Sterile Processing Department</li> <li>Relative Humidity Levels in the Operating Room</li> </ul> Retrieved Jan. 24, 2021 from <a href="https://www.aorn.org/guidelines/clinical-resources/position-statements">https://www.aorn.org/guidelines/clinical-resources/position-statements</a>
10: Track materials and instruments brought in from outside the facility	Regulatory requirements for tracking of materials and instruments brought in from outside facility	AORN Guidelines: Sterilization  AORN Position Statement: Role of the Health Care Representative in Perioperative Settings Retrieved Jan. 24, 2021 from <a href="https://www.aorn.org/guidelines/clinical-resources/position-statements">https://www.aorn.org/guidelines/clinical-resources/position-statements</a>
11: Adhere to guidelines regarding proper surgical attire based on restricted, semi-restricted, and non-restricted zones	Surgical attire based on surgical/perioperative zones	Alexander's: Chapter 4, pp. 86-87 B&K: Chapter 10, p.171
12: Adhere to proper hand hygiene	Hand hygiene	AORN Guidelines: <ul style="list-style-type: none"> <li>Hand hygiene</li> </ul> Alexander's: Chapter 4, p. 66; pp. 89-92 B&K: Chapter 16, pp. 276-278 Drain's: Chapter 5, pp. 47-48

## 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&amp;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:  <a href="https://www.mhaus.org/">https://www.mhaus.org/</a>  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&amp;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"> <li>• Minimally Invasive Surgery, pp. 524-526</li> <li>• Positioning, p. 695</li> <li>• Transmission-Based Precautions, p. 1101</li> </ul> <p>B&amp;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&amp;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>

		Drain's: Chapter 54
6: Perform nursing interventions for hemorrhage	Interventions, pathophysiology	Alexander's: Chapter 21, p. 766; Chapter 25, p. 958; Chapter 28, pp. 1097-1105; Chapter 29, p. 1142 B&K: Chapter 31, pp. 619-627 Drain's: Chapter 29, p. 413
7: Perform nursing interventions for local anesthetic systemic toxicity (LAST)	Interventions, pathophysiology	AORN Guidelines: <ul style="list-style-type: none"> <li>Local Anesthesia, pp. 451-456</li> </ul> Alexander's: Chapter 5, p. 131 B&K: Chapter 24, pp. 451-452 Drain's: Chapter 24, pp. 325-327
8: Function as a member of the interdisciplinary team	Roles of the <b>interdisciplinary team</b> members	AORN Guidelines: Team Communication  Alexander's: Chapter 2, pp. 21, 22, 24  B&K: Chapter 6; Chapter 25  Drain's: Chapter 3. pp. 23-34
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	AORN Guidelines: <ul style="list-style-type: none"> <li>Electrosurgical Safety, pp. 88-90</li> <li>Environment of Care</li> <li>Environmental Cleaning, pp. 149-150</li> <li>Surgical Smoke Safety</li> </ul> Alexander's: Chapter 2, pp. 28-29; 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](http://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	<p>AORN. (2018). <i>Perioperative explications for ANA Code of Ethics</i>. Found at <a href="http://www.aorn.org">www.aorn.org</a>, Clinical Resources, Code of Ethics (Member only).</p> <p>ANA. <i>Scope of practice</i>. Retrieved Jan. 26, 2021 from <a href="https://www.nursingworld.org/practice-policy/scope-of-practice/">https://www.nursingworld.org/practice-policy/scope-of-practice/</a></p> <p>B&amp;K: Chapter 2, pp. 25,32</p> <p>Drain's: Chapter 2, pp. 10-11</p>
2: Seek assistance for recognized personal limitations	Accountability	<p>B&amp;K: Chapter 1, pp. 10-12; Chapter 2, pp. 16, 25</p> <p>Drain's: Chapter 4</p>
3: Report impaired/disruptive behavior in inter-disciplinary healthcare team	Responsibilities regarding impaired and/or disruptive behavior (patient/family, interdisciplinary healthcare team members).	<p>AORN Guidelines:</p> <ul style="list-style-type: none"> <li>• Team Communication, pp. 1069-1073</li> </ul> <p>AORN Position Statements:</p> <ul style="list-style-type: none"> <li>• Healthy Perioperative Practice Environment</li> <li>• Criminalization of Human Errors in the Perioperative Setting</li> </ul> <p>AORN Endorsed Document: ANA Position Statement on Incivility, Bullying, and Workplace Violence</p> <p>Retrieved Jan. 26, 2021 from <a href="https://www.aorn.org/guidelines/clinical-resources/position-statements">https://www.aorn.org/guidelines/clinical-resources/position-statements</a></p> <p>ANA. (2015). <i>Position statement: Incivility, bullying, and workplace violence</i>. Retrieved Jan. 26, 2021 from <a href="https://www.nursingworld.org/~49d6e3/globalassets/practiceandpolicy/nursing-excellence/incivility-bullying-and-workplace-violence--ana-position-statement.pdf">https://www.nursingworld.org/~49d6e3/globalassets/practiceandpolicy/nursing-excellence/incivility-bullying-and-workplace-violence--ana-position-statement.pdf</a></p>

		Alexander's: Chapter 3, pp. 51-52. B&K: Chapter 1, pp. 11-12; Chapter 6, pp. 89-90
4: Uphold ethical and professional standards	Patient rights, regulatory standards (e.g., AORN Guidelines, State Nurse Practice Act)	ANA. (2015). <i>Code of ethics for nurses with interpretive statements</i> . Silver Spring, MD: Author.  AORN. (2018). Perioperative explications for ANA Code of Ethics. Found at <a href="http://www.aorn.org">www.aorn.org</a> , Clinical Resources, Code of Ethics (Member only).  B&K: Chapter 2, pp. 16-20; Chapter 3, pp. 48-51  National Council of State Board of Nursing. <i>Find your Nurse Practice Act</i> . Retrieved July 13, 2020 from <a href="https://www.ncsbn.org/npa.htm">https://www.ncsbn.org/npa.htm</a>  Drain's: Chapter 8
5: Utilize resources for personal growth	Resources for professional growth and personal accountability	See primary readings AORN Position Statement: Perioperative Nursing Certification Alexander's: Chapter 1, p. 12 B&K: Chapter 4, p. 56 Drain's: Chapter 3, pp. 25-26; Chapter 7, p. 83
6: Participate in quality improvement activities	Evidence-based practice principles, research principles, performance improvement	Alexander's: Chapter 1, pp. 9-12 B&K: Chapter 2, pp. 25-26; 33-34; Chapter 6, p. 85 Drain's: Chapter 3, p. 28; Chapter 9
7: Participate in interdisciplinary teams	Committees, principles of shared governance, staff education	AORN Guidelines: <ul style="list-style-type: none"> <li>Team Communication</li> </ul> B&K: Chapters 4, 6 Drain's: Chapter 3, pp. 23-24
8: Participate in professional organizations		Alexander's: Chapter 2, p. 18 B&K: Chapter 2, pp. 17-18  AAMI: <a href="http://www.aami.org">www.aami.org</a> AORN. <a href="http://www.aorn.org">www.aorn.org</a> ASPAN. <a href="http://www.aspan.org">www.aspan.org</a> APIC. <a href="http://www.apic.org">www.apic.org</a> Association for Nursing Professional Development. <a href="http://www.anpd.org">www.anpd.org</a> IAHCSMM. <a href="https://www.iahcsmm.org/">https://www.iahcsmm.org/</a>