

**Covenant School of Nursing**  
**Instructional Module 3 Learning Guide**  
**Topic: Perioperative Nursing/ Pathology/ Pharmacology**

**Learning Goals/Outcomes**

Upon completion of this lesson, the student will be able to:

- ❖ Identify the three phases of Perioperative Nursing
- ❖ Analyze and prioritize the essential elements of the preoperative, perioperative, and postoperative assessment and documentation of the physiological health status of the surgical patient
- ❖ Identify potential surgical risk factors for each patient in all three areas of perioperative nursing
- ❖ Analyze the components and purpose of informed consent
- ❖ Evaluate the importance of safety in the operating room regarding patients, equipment, and anesthesia
- ❖ Describe the signs and symptoms, etiology (including the main pharmacologic causes), and management of malignant hyperthermia
- ❖ Describe the properties of individual local anesthetics and other medications used in this setting and discuss their clinical uses and nursing responsibilities
- ❖ Identify and understand the preparation of a post operative patient to a room on the floor.
- ❖ Understand patient teaching for post-operative patients, e.g. incentive spirometry, use of Patient-Controlled Analgesia (PCA) device, multi-modal pain control, SED, and positioning a patient
- ❖ Identify the nursing responsibilities when administering opioids, NASIDS, nonopioid acting analgesics and opioid antagonists

**Pre-Class Preparation**

Required Readings:

- ❖ Medical – Surgical Nursing -
  - Perioperative Care
    - ✓ Preoperative Care
    - ✓ Intraoperative Care
    - ✓ Postoperative Care
- ❖ Lehne’s Pharmacology for Nursing Care
  - Local Anesthetics
  - General Anesthetics
  - Opioid Analgesics, Opioid Antagonists and Nonopioid Centrally Acting Analgesics
  - Nonsteroidal Anti-Inflammatory Drugs and Acetaminphen

**Learning Activities**

Classroom Activities:

- Classroom Discussion
- Asepsis and Infection Control
- Medications

Laboratory/Clinical Activities: <ul style="list-style-type: none"> <li>▪ Perioperative Clinical Rotation</li> </ul> Out of Class Activities: <b>Required</b> <ul style="list-style-type: none"> <li>▪ Video – posted in Lesson Plans</li> <li>▪ HESI – Pharmacology Online: Central Nervous System: Case Study Quiz: Pain</li> <li>▪ HESI – RN Case Studies with Practie Test: Fundamentals: Perioperative Care</li> </ul>	
<b>Evaluation Methods</b>	
❖ Unit Exam	
<i>Texas DEC's</i>	<i>QSEN Competencies</i>
<b>Knowledge</b>  II.A.1.a; 2a, b.,3; II.B.2, 4, 5, 6, 7, 8, 11, 12; II.C, 3, 4b. 5, 6, 7, 8; II.D. 1a, 1b, 1c,3b, 4c,5a; II.E, 1a, 1b, 2, 4a,4b, 5, 6b, 12, 13; II.F, 2; IIG,2a, 2b, 3a, 3b IV.C, 1, 3, 5, 8,	Patient Centered Care Teamwork and Collaboration Evidence-Based Practice Safety Quality Improvement
<b>Clinical Judgments and Behaviors</b> I.A.1, 2, 3a, 3b, B.2.a, 2.b, 3.a, 3.b, 3.c, 4.a, 4.b, 5.a, 5.c, 6.a, 6.b, 6.c; II.A, 1, 2.a, 2.b, 3, 4; II.B, 1, 2, 3.a, 3.b, 4, 5, 6, 7, 8, 9, II.C.1, 2, 3.a, 4, 5, 6, 7; II.D.1, 2.a, 2.c, 2.d, ,3.a, 3.b,3.c; II.E.1, 2.a, 2.b, 2.c, 3.b, 4, 5.a, 6.a, 6.c, 6.d, 9, 10, 11, 12.b; II.F.1.a, 1.b, 1.c, 2.a, 2.b,5.a, 5.b; II.G.1,2a, 2b, 3, 4, 5a, 5b, 6, 7; II.H.6; III.A., 2, 3, 4, 5a; III.B.1, 2, 3.a, 3.b, 3.c, 4, 5, 8, 9; III.C.2.a, 2.b, III.D.1, 2, 3; III.E.1, 3; III.F.1; IV.A.1, IV.B.1.a, 2; IV.C.1.a, 2.b; IV.D.1.b, 3.b, IV.E.1.b, 1.c, 2.b, 2.c, 4;	
<i>Instructional Module Student Learning Outcomes</i>	<i>NCLEX Test Plan</i>
1, 2, 3, 4, 7, 8	Safe and Effective Care Environment <ul style="list-style-type: none"> <li>❖ Management of Care</li> <li>❖ Safety and Infection Control</li> </ul> Psychosocial Integrity Physiological Integrity <ul style="list-style-type: none"> <li>❖ Pharmacological &amp; Parenteral Therapies</li> <li>❖ Reduction of Risk Potential</li> <li>❖ Physiological Adaptation</li> </ul>
<i>Concepts</i>	<i>Faculty</i>
Coping Ethical and Legal Practice	Angela Kensing, MSN, RN, MS-BC

Perfusion Safety Teamwork and Collaboration Tissue Integrity	
<b><i>Date originated:</i></b>	<b><i>Revision Dates: 07/21</i></b>

*Mod 3 Learning Guide*      *Topic: Perioperative Nursing cont'd*  
*CSON Learning Guide (adopted 5-2015 by Faculty vote) - adapted from Smith, R. M. Conquering the Content. San Francisco: Jossey-Bass, 2008.*