

COURSE OUTLINE

Firelands Regional Medical Center School of Nursing
Sandusky, Ohio

MEDICAL SURGICAL NURSING

January, 2022

TIME ALLOTMENT: 107 Theory Hours
12 Planned Laboratory Hours
22 Planned Simulation Hours
3 Planned Observation Hours
107 Planned Clinical Hours
144 Total number of Laboratory, Simulation, Observation, and Clinical hours combined
251 Total Course Hours
10 Credit Hours

FACULTY: Dawn Wikel, MSN, RN, CNE (Co-Course Coordinator)
Lora Malfara, MSN, RN (Co-Course Coordinator)
Elizabeth Woodyard, MSN, RN (Co-Course Coordinator)
Kelly Ammanniti, MSN, RN
Monica Dunbar, MSN, RN

TEACHING ASSISTANT: Nick Simonovich, BSN, RN
Devon Cutnaw, BSN, RN

GRADUATE STUDENT: None

COURSE OBJECTIVES:

At the conclusion of the course, the student will be able to:

1. Illustrate correlations to demonstrate the pathophysiological alterations in adult patients with medical-surgical problems. (2,3,4,5)*
2. Perform physical assessments as a method for determining deviations from normal. (3,4,5)*
3. Execute safety precautions in the implementation of quality, patient-centered care and evidence-based nursing interventions. (2,3,4,5,8)*
4. Use therapeutic communication techniques to establish a baseline for nursing decisions. (1,5,7)*
5. Implement patient education based on teaching needs of patients and/or significant others. (1,6)*
6. Implement patient-centered plans of care utilizing the nursing process, clinical judgment, and consideration for cultural, ethnic, and social diversity. (2,3,4,5)*
7. Illustrate professional conduct including self-examination, responsibility for learning, and goal setting. (7)*

*End-of Program Student Learning Outcomes

COURSE DESCRIPTION:

This course focuses on assessment and nursing care of the adult client with endocrine, gastrointestinal, hepatic, renal, neurological, sensory, musculoskeletal, cancerous, male reproductive, and respiratory disorders. Theory presented addresses patient and family educational, cultural, and spiritual needs, community resources, diet therapy, pharmacotherapy and gerontological considerations. Students use the nursing process and clinical judgment in the care of diverse adult clients in a variety of clinical settings. The course is offered in the spring semester. This course is taken in the second year.

Prerequisite: Nursing Foundations

TEXTBOOKS:

REQUIRED:

Harding, M., Kwong, J., Roberts, D., Hagler, D., & Reinisch, C. (2020). *Lewis’s medical- surgical nursing: Assessment and management of clinical problems* (11th ed.). St. Louis, MO: Elsevier, Inc.

Assessment Technologies Institute; LLC. (2019). *RN pharmacology for nursing* (8th ed.). ATI.

Assessment Technologies Institute; LLC. (2019). *RN adult medical surgical nursing* (11th ed.). ATI.

Assessment Technologies Institute; LLC. (2020). *Pharmacology made easy 4.0 tutorial*. ATI.

vSim- <https://thePoint.lww.com>

Skyscape- <https://www.skyscape.com>. Electronic device loaded with: Nursing Constellation Plus and Nurse’s Pocket Guide

Optional:

Nugent, P.M. & Vitale, B.A. (2020). *Test success* (9th ed.). Philadelphia, PA: F.A. Davis Company.

Doherty, C.D. (2020). *Med-surg success* (4th ed.). Philadelphia, PA: F.A. Davis Company.

Purchase an NCLEX-RN review book.

TEACHING STRATEGIES:

Assigned Textbook Readings
Lecture and Discussion
Audio-Visual Aids
Demonstrations
Evidence-Based Poster
Pharmacology Self-Studies
Clinical Judgment Exercises
Pharmacology Activity

Interactive Group Activities
Practice NCLEX Test Items
Simulation Lab
Case Studies
Online Lecture
PEARLS Simulation Debriefing
Virtual Simulation Scenarios
Guest Speakers

Care Plans & Maps–
Critical Thinking Exercises
Gaming
Globalization Presentation
Skills Videos
Prioritization & Delegation Activities
NCLEX Practice Sessions

METHODS OF EVALUATION:

Quizzes/Unit Tests
ATI Proctored Assessment
Globalization Presentation Rubric
Clinical Debriefing
Virtual Simulation Scenarios

Clinical Discussion Group Grading Rubric
Evaluation of Clinical Performance Tool
Meditech Documentation
Skills Lab Competency Tool & Skills Checklist
Lasater’s Clinical Judgment Rubric & Scoring Sheet

Evidence-Based Poster Rubric
Final Exam
Nursing Care Map Rubric
Simulation, Prebriefing, PEARLS Debriefing, & Reflection
Journal

BIBLIOGRAPHY OF LEARNING RESOURCES:

- A'Court, J., Lees, D., Harrison, W., Ankers, T., & Reed, M. (2017). Pain and analgesia requirements with hip fracture surgery. *Orthopaedic Nursing*, 36(3), 224-227. doi: 10.1097/NOR.0000000000000347
- Anderson, J. A. (2016). Acute ischemic stroke: The golden hour. *Nursing2016Critical Care*, 11(3), 28-36.
- Armstrong, C.O. (2017). Post-op incentive spirometry: Why, when, & how. *Nursing 2017*, 47(6), 54-57.
- Bernard, F., Barkun, A.N., martel, M., & Von Renteln, D. (2018). Systematic review of colorectal cancer screening guidelines for average-risk adults: Summarizing the current global recommendations. *World Journal of Gastroenterology*, 24(1), 124-138. doi: 10.3748/wjg.v24.il.124
- Bowen, P. (2016). Early identification, rapid response, and effective treatment of acute stroke: Utilizing teleneurology to ensure optimal clinical outcomes. *MedSurg Nursing*, 25(4), 241-243.
- Evans-Agnew, R. & Cooper, C. (2016). Asthma education: Key messages. *Nursing Made Incredibly Easy*, July/August, 22-30.
- Fernandes AGO, Silva TCRD. (2020, December). War against the COVID-19 pandemic: Reflection in light of Florence Nightingale's nursing theory. *Rev Bras Enferm*, 73. doi: 10.1590/0034-7167-2020-0371. PMID: 33338172.
- Gattinoni, L., Pesenti, A. & Matthay, M. (2018). Understanding blood gas analysis. *Intensive Care Med* 44, 91–93. <https://doi.org/10.1007/s00134-017-4824-y>
- Global Strategy for the Diagnosis, Management and Prevention of COPD- Global Initiative for Chronic Obstructive Lung Disease (GOLD) 2017. Available from <http://goldcopd.org>
- Goltz, H. H., Major, J. E., Goffney, J., Dunn, M. W., & Latini, D. (2021, January). Collaboration between oncology social workers and nurses: A patient-centered interdisciplinary model of bladder cancer care. *Seminars in oncology nursing*, 37(1), 151114. doi.org/10.1016/j.soncn.2020.151114
- Gwynne-Jones, D. P., Martin, G., & Crane, C. (2017). Enhanced recovery after surgery for hip and knee replacements. *Orthopaedic Nursing*, 36(3), 203-210. doi: 10.1097/NOR.0000000000000351
- Jeffries, M., Flanagan, J., Davies, D., & Knoll, S. (2017). Evidence to support the use of occlusive dry sterile dressings for chest tubes. *MedSurg Nursing*, 26(3), 171-174.
- Liebert, R. (2016). Establishment and evaluation of an anterior cruciate ligament injury prevention program. *Orthopaedic Nursing*, 35(3), 161-171. doi: 10.1097/NOR.0000000000000245
- Lindgreen, P., Rolving, N., Nielsen, C. V., & Lomborg, K. (2017). Interdisciplinary cognitive-behavioral therapy as part of lumbar spinal fusion surgery rehabilitation. Experiences of patients with chronic low back pain. *Orthopaedic Nursing*, 35(4), 238-247. doi: 10.1097/NOR.0000000000000259
- Marino, J. M. (2016). Delirium screening in the ICU. *Nursing2016Critical Care*, 11(4), 18-22.
- McNett, M. M, Amato, S., & Philipppbar, S. A. (2016). A comparative study of Glasgow coma scale and full outline of unresponsiveness scores for predicting long-term outcome after brain injury. *Journal of Neuroscience Nursing*, 48(4), 207-214.
- Miller, W. R., Otten, J. L., & Pleuger, M. (2016). Perceived changes in sleep in adults with epilepsy. *Journal of Neuroscience Nursing*, 48(4), 179-184.
- Mori, C., Hageman, D., Zimmerly, K. (2017). Nursing care of the patient undergoing an anterior approach to total hip arthroplasty. *Orthopaedic Nursing*, 36(2), 124-129. doi: 10.1097/NOR.0000000000000326
- Norton, J. M., Newman, E. P., Romancito, G., Mahooty, S., Kuracina, T., & Narva, A. S. (2017). Improving outcomes for patients with chronic kidney disease: Part 1. *American Journal of Nursing*, 117(2), 22-32. doi:10.1097/01.NAJ.0000512272.33956.8b
- Norton, J. M., Newman, E. P., Romancito, G., Mahooty, S., Kuracina, T., & Narva, A. S. (2017). Improving outcomes for patients with chronic kidney disease: Part 2. *American Journal of Nursing*, 117(3), 26-35. doi:10.1097/01.NAJ.0000513259.90613.27
- O'Shaughnessy, J., Grzelak, M., Dontsova, A., & Braun-Alfano, I. (2017). Early sepsis identification. *MedSurg Nursing*, 26(4), 248-252.
- Parmer, J., Allen, L., & Walton, W. (2017). Tuberculosis: A new screening recommendation and an expanded approach to elimination in the United States. *American Journal of Nursing*, 117(8), 24-34.
- Salt, E., Gokun, Y., Kerr, A. R., & Talbert, J. (2017). A description and comparison of treatments for low back pain in the United States. *Orthopaedic Nursing*, 36(4), 214-221. doi: 10.1097/NOR.0000000000000258

- Seckel, M.A. (2017). Sepsis-3: The new definitions. *Nursing 2017 Critical Care*, 12(2), 37- 43.
- Shabanloci, R., Ebrahimi, E., Ahmadi, F., Mohammadi, E., & Dolatkhah, R. (2016). Stigma in cirrhotic patients: A qualitative study. *Gastroenterology Nursing*, 39(3), 216-224.
- Sherwin, L., Leary, E., & Henderson, W. (2016). Effect of illness representations and catastrophizing on quality of life in adults with irritable bowel syndrome. *Journal of Psychosocial Nursing*, 54(9), 44-53.
- Skoretz SA, Anger N, Wellman L, Takai O, Empey A.(2020, December). A Systematic Review of Tracheostomy Modifications and Swallowing in Adults. *Dysphagia*, 35(6):935-947. doi: 10.1007/s00455-020-10115-0.
- Solberg, L., Campbell, C., Jones, K., Vaughn, I., Suryadevara, U., Fernandez, C., Shorr, R. (2021). Training hospital inpatient nursing to know (THINK) delirium: A nursing educational program. *Geriatric Nursing*, 42(1). doi.org/10.1016/j.gerinurse.2020.10.018.
- Thomas, N. (Ed.). (2019). *Renal Nursing: Care and management of people with kidney disease*. Wiley Blackwell, 367-422.
- Wang, T., Liu, S., Joseph, T., & Lyou, Y. (2020). Managing bladder cancer care during the COVID-19 pandemic using a team-based approach. *Journal of Clinical Medicine*, 9(5), 1574. doi:10.3390/jcm9051574

WEB SITES:

- <https://evolve.elsevier.com> (several Internet resources are available at the end of each chapter in Lewis's Medical Surgical textbook plus additional resources)
- <https://atitesting.com> (Mozilla Firefox is the preferred internet browser for this website)
- <https://firelands.edvance360.com>
- <https://skyscape.com>
- <https://thePoint.lww.com> (Google Chrome)

COURSE OUTLINE

WEEK	UNIT OBJECTIVES	CONTENT	RELATED LEARNING EXPERIENCES
Week 1	Verbalize expectations and requirements for successful completion of the course.	<p>INTRODUCTION AND OVERVIEW OF COURSE REQUIREMENTS (2 hours)</p> <p>A. Welcome</p> <p>B. Course Overview</p> <ol style="list-style-type: none"> 1. Course Syllabus 2. Course Outline 3. Course Calendar 4. ACE and STAR for ACE <p>C. Student Handbook</p> <p>D. COVID-19 Syllabus Addendum</p> <p>E. Course Document Receipt</p> <p>F. Patient Satisfaction</p>	<p><u>Dosage Calculation Quiz #1 1/10/22 (0800-0830)</u></p> <p>Refer to Edvance360 Lesson: Week 1- Course Orientation (due 1/10/22)</p> <p>Handout:</p> <ul style="list-style-type: none"> • Course Syllabus • Course Outline • Course Calendar • Online Testing Agreement (sign and return) • Student Accountability Flow Chart • Course Document Receipt (sign and return) • Course Breakdown of Hours • COVID-19 Syllabus Addendum <p>Review (online- Edvance360): Student Handbook</p> <ul style="list-style-type: none"> • Testing Policy • Attendance Policy • Student Code of Conduct Policy • Academic Policies • Dress Code Policy • Cellular Phone Policy • Grading Policy • Social Media guidelines • End-of-program student learning outcomes <p>Edvance360- Resources, Discussion, Lessons, Surveys, Dropbox</p> <p>ATI Update</p> <p>Guest lecturer: Amanda Cloud, CRT Patient Advocacy Specialist Firelands Regional Medical Center</p>

COURSE OUTLINE

WEEK	UNIT OBJECTIVES	CONTENT	RELATED LEARNING EXPERIENCES
Week 1 (cont)		<p>LAB AND CLINICAL OVERVIEW</p> <p>A. Clinical Overview</p> <ol style="list-style-type: none"> 1. Clinical Orientation (2.5 hours) 2. Skyscape Update 3. Clinical Schedule 4. Clinical, Lab, Simulation Evaluation Tools 5. High Fidelity Simulation Orientation (1 hour) 6. Rehab Orientation (0.5 hours) 7. vSim <p>B. IV Math (2 hours)</p> <p>C. FSBS (1 hour)</p> <p>D. Head to Toe Assessment Checkoff</p>	<p>Handout:</p> <ul style="list-style-type: none"> • Lab Group Assignments • Clinical Schedule • Hand-off Report • Patient Profile Database • CDG Grading Rubric • Nursing Care Map Guidelines and Rubric • Clinical Signature Forms • Team Leader Responsibilities • Rehab Orientation Tips (1/25/22) • Simulation Orientation Documents (2/15/22) <ul style="list-style-type: none"> • Simulation Schedule • Simulation Confidentiality Form • Clinical Judgment Model • Lasater Clinical Judgment Rubric • Reflection Journal • Simulation Prebrief <p>IV Math Handout: IV Calculation Rules (distributed in-class)</p> <p>Lab: IV Math Application scenarios 1/12/22 & 1/13/22 with varying times (see course calendar)</p> <p>Refer to the Edvance360 Lesson: Week 1- FSBS (due 1/11/22)</p> <p>Skills Lab: One-on-one demonstration of competence with faculty</p> <p>Refer to the Edvance360 Lesson: Week 1- Head to Toe Assessment Checkoff (due 1/11/22)</p> <ul style="list-style-type: none"> • Basic Head to Toe Assessment Skills Checklist <p>Skills Lab: Demonstration one-on-one with a faculty member</p>

COURSE OUTLINE

WEEK	UNIT OBJECTIVES	CONTENT	RELATED LEARNING EXPERIENCES
Week 1 (cont)		<p>E. Insulin Lab (1 hour)</p> <p>F. Meditech Update (1 hour)</p> <p>G. D/C IV and IV Pump (1 hour)</p> <p>H. IV LAB (3 hours)</p> <p>I. Mandatory Lab (3 hours)</p>	<p>Refer to the Edvance360 Lesson: Week 1- Insulin Lab (due 1/11/22)</p> <p>Guided practice; faculty observation of competence</p> <p>In-Person Lab Demonstration:</p> <ul style="list-style-type: none"> • BMV for insulin and IV meds • IV intake documentation • Outcomes <p>Refer to the Edvance360 Lesson: Week 1- D/C IV and IV Pump (due 1/11/22)</p> <p>Refer to the Edvance360 Lesson: Week 2- IV Lab (due 1/18/22)</p> <p>Guided practice; faculty observation of competence</p> <ul style="list-style-type: none"> • <u>Mandatory Lab #1 (1/12/22 & 1/13/22)</u>- Refer to the Edvance360 Lesson: Week 1- Mandatory Lab-NF Skills Review (due 1/12/22 or 1/13/22) • <u>Mandatory Lab #2 (3/28/22 & 3/29/22)</u>- Practice 2 skills of the student's choice and any skills that are currently evaluated as NI or U (sign-up required)
Week 1 (cont)	<p>Upon completion of this unit, the student will be able to:</p> <p>Utilize appropriate clinical judgment in the care of patients with respiratory conditions. (1,2,3,4,5,6,7)*</p> <p>Outline the pharmacological agents used to treat respiratory related conditions. (1,2,3,5,6)*</p>	<p>UNIT I - RESPIRATORY NURSING (15 hours)</p> <p>A. Respiratory Pharmacology</p> <ol style="list-style-type: none"> 1. Short and Long-Acting Beta 2 Adrenergic Agonists 2. Anticholinergics 3. Corticosteroids 4. Methylxanthines 5. Leukotriene Modifiers 6. Expectorants 7. Antitussives 	<p>Clinical assignment: Care for patients with various pulmonary disorders</p> <p>Handout: Respiratory Pharmacology Topics (Self-Study)</p> <p>View Online ATI Tutorial: Pharmacology Made Easy 4.0</p> <ul style="list-style-type: none"> • The Respiratory System • The Hematologic System- Drug Therapy to Prevent/Dissolve Thrombi -Factor Xa/Thrombin Inhibitors

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(cont)		8. Combination Drugs 9. Anticoagulants	-Vitamin K Inhibitors ATI Text: RN Pharmacology for Nursing 8.0 <ul style="list-style-type: none"> • Unit 3: Medications Affecting the Respiratory System (Ch. 17-18, pg. 131-144) • Unit 5 Medications Affecting the Hematologic System (pg. 193-203)
	Describe the respiratory system's primary function of gas exchange. (1)*	B. Anatomy and Physiology <ol style="list-style-type: none"> 1. Upper Airway 2. Lower Airway 3. Chest Wall 4. Physiology of Respiration 5. Control of Respiration 6. Respiratory Defense Mechanisms 	Lewis: Ch. 25
	Focus on the collection of subjective data to obtain a complete respiratory assessment. (2)*	C. Physiological Changes with Aging D. Subjective Data <ol style="list-style-type: none"> 1. Respiratory Health History 	Lewis: Ch. 25
	Focus on the collection of objective data to obtain a complete respiratory assessment. (2)*	E. Objective Data <ol style="list-style-type: none"> 1. Inspection 2. Palpation 3. Percussion 4. Auscultation 	Lewis: Ch. 25
	Integrate diagnostic tests and related nursing care commonly used to evaluate respiratory conditions. (1,2,3,4,5,6)*	F. Diagnostic Studies	Lewis: Ch. 25 ATI Text: RN Adult Medical Surgical Nursing 11.0 <ul style="list-style-type: none"> • Unit 3: Respiratory Diagnostic Procedures Ch. 17 (pg. 105-110) and Ch. 19 (pg. 115-124) Respiratory Management
	Organize and interpret various arterial blood gas results. (1,2,6)*	G. Arterial Blood Gases <ol style="list-style-type: none"> 1. pH and Hydrogen Ion Concentration 2. Acid-Base Regulation 3. Alterations in Acid-Base Balance 4. Etiology 5. Clinical Manifestations 	Lewis: Ch. 16 pg. 285-289, 469-471 Handout: ABG Interpretation In-Class Video: ABG Interpretation
Week 1 (cont)			

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WEEK	UNIT OBJECTIVES	CONTENT	RELATED LEARNING EXPERIENCES
<p>Week 2</p>	<p>Illustrate the etiology, pathophysiology, clinical manifestations, and management of the patient with influenza. (1,2,3,4,5,6)*</p> <p>Consider social, ethnic, and cultural factors associated with vaccination status. (3,4,5,6)*</p>	<p>6. Interpretation of ABG's 7. Venous Blood Gases</p> <p>H. Infections and Obstruction of Upper Airway</p> <p>1. Influenza a. Etiology and Pathophysiology b. Clinical Manifestations c. Diagnostic Studies d. Interprofessional and Nursing Care e. <i>Core Measures & 34 Safe Practices for Healthcare: Immunization</i></p> <p>2. Obstructive sleep apnea</p> <p>3. Tracheostomy a. Nursing management</p>	<p>In-Class Practice and Take Home ABG Assignment (Due 1/19/22 or 1/20/22 at Trach. Lab)</p> <p>Lewis: Ch. 26 Ch. 7 pg. 95-97</p> <p>ATI Text: RN Adult Medical Surgical Nursing 11.0</p> <ul style="list-style-type: none"> Unit 3, Ch. 20 Acute Respiratory Disorders (pg. 125-128) <p>Handout: Influenza Vaccine Information Sheet (CDC)</p> <p><u>Dosage Calculation Quiz #2 1/14/22 (if needed)</u></p> <p>IV Lab: Refer to the Edvance360 Lesson: Week 2- IV Lab (due 1/18/22) Guided practice; faculty observation of competence</p> <p><u>MSN Skills Quiz (IV Math, FSBS, Insulin, IV content) 1/18/22 (1100-1130)</u></p> <p>Optional Lab: Open Lab to Practice Trach Skills, IV Math, & IV pump 1/18/22 1200-1430</p> <p>Refer to Edvance360 Lesson: Week 2- Trach Care & Suctioning (due 1/19/22 & 1/20/22)</p> <p>Trach Lab (2 hours) 1/19/22 or 1/20/22 (see schedule) Tracheostomy care and suctioning (guided practice, 1:1 observation of competence)</p> <p>EBP Lab (1 hour) 1/19/22 or 1/20/22 (see schedule) Guest Speaker: Libby Kyle, M.A. in English</p>
<p>Week 2</p>			

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(cont)	<p>Differentiate the nursing care of the patient after a partial laryngectomy and after a total laryngectomy with radical neck dissection. (1,2,3,4,5,6)*</p> <p>Outline the incidence, preventive measures, and treatment of bacterial infection. (1,2,3,4,5,6)*</p> <p>Attribute the etiology, pathophysiology, clinical manifestations, and management of patients with lung cancer. (1,2,3,4,5,6)*</p>	<p>I. Head and Neck Cancer</p> <ol style="list-style-type: none"> 1. Etiology 2. Clinical manifestations 3. Diagnostic studies 4. Interprofessional care 5. Nursing management <p>J. Lower Respiratory Tract Infections – Pneumonia and Tuberculosis</p> <ol style="list-style-type: none"> 1. Etiology 2. Pathophysiology 3. Clinical manifestations & Complications 4. Diagnostic studies 5. Interprofessional care 6. Nursing management 7. <i>Core Measure & 34 Safe Practices for Healthcare: Immunization</i> <p>K. COVID-19</p> <p>L. Lung Cancer</p> <ol style="list-style-type: none"> 1. Etiology 2. Pathophysiology 3. Clinical manifestations 4. Diagnostic studies 5. Interprofessional care 6. Nursing management 	<p>FRMCSN Learning Resources Coordinator</p> <p><u>Respiratory Quiz: Ch. 25 1/21/22 (0800-0830)</u></p> <p>Lewis: Ch. 26</p> <p>In-Class Case Study: Laryngeal Cancer</p> <p>Lewis: Ch. 27</p> <p>ATI Text: RN Adult Medical Surgical Nursing 11.0</p> <ul style="list-style-type: none"> • Unit 3, Ch. 20 Acute Respiratory Disorders (pg. 128-131), Ch. 23 Tuberculosis (pg. 143-148) <p>Handouts:</p> <ul style="list-style-type: none"> • Pneumococcal Vaccination Information Sheet (CDC) • Patient Education for Pneumonia <p>Lewis: Ch. 27</p> <p><u>Dosage Calculation Quiz #3 1/21/22 (if needed)</u></p>
Week 3 Week 3 (cont)	<p>Integrate the etiology, pathophysiology, clinical manifestations, and management of acute and chronic obstructive</p>	<p>M. Obstructive Pulmonary Disease - Asthma</p> <ol style="list-style-type: none"> 1. Etiology (Risk Factors) 2. Pathophysiology 3. Clinical manifestations & Complications 	<p>Lewis: Ch. 28</p> <p>ATI Text: RN Adult Medical Surgical Nursing 11.0</p> <ul style="list-style-type: none"> • Unit 3, Ch. 21 Asthma pg. 133-136

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<p>Week 3 (cont)</p>	<p>pulmonary disease. (1,2,3,4,5,6)*</p> <p>Differentiate among a closed, an open, and a tension pneumothorax in terms of signs and symptoms, treatment, and nursing management. (1,2,3,4,5,6)*</p> <p>Integrate the etiology, pathophysiology, clinical manifestations, and management of patients with chest surgery. (1,2,3,4,5,6)*</p> <p>Integrate the etiology, pathophysiology, clinical</p>	<p>4. Diagnostic studies 5. Interprofessional care 6. Nursing management & Drug therapy</p> <p>N. Chronic Obstructive Pulmonary Disease 1. Etiology (Risk Factors) 2. Pathophysiology 3. Clinical manifestations & Complications 4. Diagnostic studies 5. Interprofessional care 6. Nursing management 7. Gerontological considerations 8. <i>Social Determinants of Health</i></p> <p>O. Capnography</p> <p>P. Chest Trauma and Thoracic Injuries 1. Pneumothorax and Hemothorax 2. Chest tubes and Pleural drainage</p> <p>Q. Chest Surgery 1. Preoperative care 2. Surgical procedures 3. Postoperative care 4. Lung transplant</p> <p>R. Restrictive Respiratory Disorders 1. Pleural Effusion</p>	<p>Handout: Asthma Action Plan</p> <p>Lewis: Ch. 28</p> <p>ATI Text: RN Adult Medical Surgical Nursing 11.0 • Unit 3, Ch. 22 Chronic Obstructive Pulmonary Disease pg. 137-141</p> <p>In-Class Activity: COPD Case Study</p> <p>In-Class Activity: Respiratory Pharmacology</p> <p>In-Class Activity: Concept Map (COPD) & NCLEX style questions</p> <p>*Reminder for students to submit electronic TB globalization presentation to Devon by 1400 1/21/22</p> <p><u>Respiratory Quiz: Content G-I 1/24/22 (0800-0830)</u></p> <p>Lewis: Ch. 27</p> <p>ATI Text: RN Adult Medical Surgical Nursing 11.0 • Unit 3, Ch. 25 Pneumothorax and Hemothorax (pg. 155-160), Ch. 18 Chest Tube Insertion and Monitoring (pg. 111-114)</p> <p>In-Class: Chest Tube Equipment</p> <p>Lewis: Ch. 27</p> <p>Lewis: Ch. 27</p>

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	<p>manifestations, and management of clients with restrictive respiratory disorders. (1,2,3,4,5,6)*</p> <p>Integrate the etiology, pathophysiology, clinical manifestations, and management of clients with vascular lung disorders. (1,2,3,4,5,6)*</p> <p>Explore the social, ethnic, and cultural factors associated with Tuberculosis from a global perspective. (1,3,6)*</p> <p>Demonstrate the use of accomplished and exemplary clinical judgment in the prioritization and management of care with a case scenario involving multiple patients with respiratory conditions. (1,2,3,4,5,6,7)*</p>	<p>2. Atelectasis</p> <p>S. Vascular Lung Disorders – Pulmonary Embolism</p> <ol style="list-style-type: none"> 1. Etiology 2. Pathophysiology 3. Clinical manifestations & Complications 4. Diagnostic studies 5. Interprofessional care 6. Nursing management 	<p>Lewis: Ch. 27</p> <p>ATI Text: RN Adult Medical Surgical Nursing 11.0</p> <ul style="list-style-type: none"> • Unit 3, Ch. 24 Pulmonary Embolism (pg. 149-154) <p>In-Class Group Activity: Nursing Care Plan (PE)</p> <p><u>Respiratory Quiz: Pharmacology 1/25/22 (0800-0830)</u></p> <p><u>In-Class TB Globalization Presentation 1/25/22</u></p> <p>In-Class Group Activity: Prioritization & Delegation of Multiple Patients with Respiratory Conditions</p> <p>vSim Vincent Brody- Geriatric, African American, Male (Medical-Surgical scenarios) due by 8:00a, 1/31/22</p>
<p>Week 4</p> <p>Week 4</p>	<p>Upon completion of this unit, the student will be able to:</p> <p>Outline the pharmacological agents used to treat endocrine and hypertensive related conditions. (1,2,3,5,6)*</p>	<p>UNIT II - ENDOCRINE DYSFUNCTION (15.5 hours)</p> <p>A. Endocrine Pharmacology</p> <ol style="list-style-type: none"> 1. Insulin 2. Biguanide 3. Sulfonylurea 	<p><u>UNIT TEST I: Respiratory Nursing (1 hour) 1/31/22 0800-0900</u></p> <p>Clinical assignment:</p> <ul style="list-style-type: none"> • Care for patients with various endocrine disorders <p>Handout: Endocrine Pharmacology Topics (Self-Study)</p>

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COURSE OUTLINE

WEEK	UNIT OBJECTIVES	CONTENT	RELATED LEARNING EXPERIENCES
(cont)	<p>ambulatory and home care settings. (2,3,4,6,7)*</p> <p>Recognize the pathophysiology and clinical manifestations of acute and chronic complications of diabetes mellitus. (2,3,4,6,7)*</p> <p>Verbalize the collaborative care and nursing management of the patient with acute and chronic complications of diabetes mellitus. (2,3,4,6,7)*</p> <p>Demonstrate the use of accomplished and/or exemplary clinical judgment in the management of care for a patient with diabetes mellitus. (1,2,3,4,5,6,7)*</p>	<p>10. Acute complications</p> <ul style="list-style-type: none"> a. Diabetic ketoacidosis (DKA) b. Hyperosmolar hyperglycemic syndrome (HHS) c. Hypoglycemia <p>11. Chronic complications</p> <ul style="list-style-type: none"> a. Angiopathy <ul style="list-style-type: none"> 1. Macrovascular 2. Microvascular <ul style="list-style-type: none"> a. Diabetic retinopathy b. Nephropathy c. Neuropathy 3. Complications of the foot and lower extremity <ul style="list-style-type: none"> a. Integumentary complications b. Infection 4. Psychologic Considerations 5. <i>Core Measures</i> <p>12. Gerontologic considerations</p>	<p>globalization presentation to Monica by 1400 2/4/22</p> <p>Refer to Edvance360 Lesson: Week 5- Ch. 32 HTN Online PowerPoint & Activity</p> <p>In Class Activity: Pharmacology Kahoot</p>
Week 5	Differentiate between primary and secondary hypertension (1, 5)*	<p>13. Introduction to hypertension (Self study)</p> <ul style="list-style-type: none"> a. Etiology and pathophysiology b. Primary and secondary hypertension 	<p>Lewis Ch. 32: p. 684-693</p> <p>ATI Text: RN Adult Medical Surgical Nursing, 11.0</p>

*Course Objectives

COURSE OUTLINE

WEEK	UNIT OBJECTIVES	CONTENT	RELATED LEARNING EXPERIENCES
Week 5	<p>Formulate goals of management for hypertension (3, 5)*</p> <p>Verbalize the definition of cancer. (1)*</p> <p>Describe the processes involved in the biology of cancer. (1)*</p> <p>Compare and contrast the differences between benign and malignant neoplasms. (1)*</p> <p>Discuss the role of the nurse in the prevention and detection of cancer. (1,2,3,4,5,6)*</p> <p>Analyze laboratory and diagnostic tests used to diagnose cancer. (1)*</p> <p>Describe the effects of each cancer treatment modality on the body. (1,2,3)*</p> <p>Design-a nursing care map for providing individualized care to the client with cancer. (2,3,4,5,6)*</p> <p>Describe the nursing interventions required for complications resulting from cancer.</p>	<p>c. Risk factors and clinical manifestations d. Diagnostic studies e. Interprofessional care and management</p> <p>D. Cancer Characteristics</p> <ol style="list-style-type: none"> 1. Cancer incidence and trends 2. Biology of cancer 3. Pathophysiology <ol style="list-style-type: none"> a. Defect in cellular proliferation b. Defect in cellular differentiation c. Development of cancer d. Role of Immune System 4. Classification of cancer <ol style="list-style-type: none"> a. Anatomic site b. Histologic analysis c. Stage & Classification 5. Diagnosis of cancer <ol style="list-style-type: none"> a. Health history b. Physical examination c. Diagnostic studies d. Prevention & Detection 6. Interprofessional care of cancer <ol style="list-style-type: none"> a. Treatment Goals <ol style="list-style-type: none"> 1) Cure 2) Control 3) Palliation b. Personalized cancer medicine c. Surgical therapy d. Chemotherapy <ol style="list-style-type: none"> 1. Precautions e. Radiation therapy <ol style="list-style-type: none"> 1. Body reactions b. Immunotherapy c. Hormone therapy 7. Complications of cancer <ol style="list-style-type: none"> a. Malnutrition b. Infection c. Pain 	<ul style="list-style-type: none"> • Unit 4: Ch. 36 Hypertension (pg. 233-238) <p><u>Endocrine Quiz: Ch. 48, 32 2/7/22 (0800-0830)</u></p> <p>Clinical experiences: Care of the client with cancer.</p> <p>Lewis Ch. 15</p> <p>ATI Text: RN Adult Medical Surgical Nursing, 11.0</p> <ul style="list-style-type: none"> • Unit 13: Ch. 89-93 Cancer-Related Disorders <p>In-Class: NCLEX Practice 2/7/22 1230-1330</p>

COURSE OUTLINE

WEEK	UNIT OBJECTIVES	CONTENT	RELATED LEARNING EXPERIENCES
	management of the patient with an imbalance of hormones produced by the adrenal cortex. (2,3,4,6,7)*		
Week 6	<p>Upon completion of this unit, the student will be able to:</p> <p>Outline the pharmacological agents used to treat musculoskeletal & infectious disease related conditions. (1,2,3,5,6)*</p>	<p>UNIT III - MUSCULOSKELETAL NURSING (13 hours)</p> <p>A. Musculoskeletal Pharmacology</p> <ol style="list-style-type: none"> 1. Disease Modifying Antirheumatic Drugs (Nonbiologic DMARD and Biologic DMARD) 2. Penicillin 3. Vancomycin 4. Aminoglycosides 5. Sulfonamides 6. Antiparasitic 7. Antifungal 8. Antiviral 9. Bisphosphonates 10. Cephalosporins 11. Macrolides 12. Fluoroquinolones 13. Tetracyclines 	<p>vSim Juan Carlos- Middle Aged, Hispanic, Male (Pharmacology scenario) due by 8:00a, 2/14/22</p> <p style="text-align: center;"><u>UNIT TEST II: Endocrine Nursing</u> <u>(1 hour)</u> <u>2/14/22 0800-0900</u></p> <p>Clinical assignment: Care for patients with various musculoskeletal and sensory disorders.</p> <p>Clinical: Infection Control, Inpatient Acute Rehabilitation Unit</p> <p>Handout: Musculoskeletal Pharmacology Topics (Self-Study)</p> <p>View On-line: ATI Pharmacology Made Easy 4.0: The Musculoskeletal System</p> <ul style="list-style-type: none"> • Drug therapy for osteoporosis • Drug therapy for rheumatoid arthritis • Case study • Activities <p>View On-line: ATI Pharmacology Made Easy 4.0: Infection</p> <ul style="list-style-type: none"> • Antibacterials • Antiparasites • Antifungals • Antivirals • Case Study • Activities <p>In-class activity: Musculoskeletal Pharmacology activity</p>

*Course Objectives

COURSE OUTLINE

WEEK	UNIT OBJECTIVES	CONTENT	RELATED LEARNING EXPERIENCES
Week 6 (cont)	<p>Describe the structures and functions of the different tissues that compose the musculoskeletal system. (1)*</p> <p>Compare and contrast age-related changes in the musculoskeletal system. (1)*</p> <p>Analyze the significant subjective and objective data related to the musculoskeletal system that should be obtained during a patient assessment. (2)*</p> <p>Describe the appropriate techniques used in the physical assessment of the musculoskeletal system. (2)*</p> <p>Demonstrate the neurovascular assessment of an injured extremity. (2)*</p> <p>Identify specific dietary modifications along with cultural considerations prescribed for patients with muscular skeletal disorders. (1,6)*</p> <p>Correlate the diagnostic tests indicated for the person with a musculoskeletal problem, with the rationale for each test and the nursing responsibilities associated with the test. (1)*</p>	<p>B. Anatomy and Physiology</p> <ol style="list-style-type: none"> 1. Structures and functions of the musculoskeletal system 2. Effects of aging <p>C. Musculoskeletal System Assessment</p> <ol style="list-style-type: none"> 1. Subjective data – Health history <ol style="list-style-type: none"> a. Health information b. Functional health patterns 2. Objective data – Physical examination <ol style="list-style-type: none"> a. Inspection b. Palpation c. Motion d. Muscle-strength testing e. Measurement 3. Diagnostic studies <ol style="list-style-type: none"> a. Radiologic b. Laboratory c. Markers of Muscle Injury d. Invasive procedures e. Miscellaneous 	<p>Lewis: Ch. 61</p> <p>ATI Text: RN Adult Medical Surgical Nursing 11.0</p> <ul style="list-style-type: none"> • Unit 10 Musculoskeletal Disorders (pg. 431-466)
Week 6 (cont)	<p>Analyze common etiologic factors, clinical manifestations, and collaborative management of</p>	<p>D. Musculoskeletal Trauma</p> <ol style="list-style-type: none"> 1. Soft tissue injuries <ol style="list-style-type: none"> a. Sprain and strains 	<p>Lewis: Ch. 62</p> <p>In-Class Video: Tinel’s and Phalen’s sign, Drop Arm test, McMurry’s test, Lachman’s test,</p>

*Course Objectives

COURSE OUTLINE

WEEK	UNIT OBJECTIVES	CONTENT	RELATED LEARNING EXPERIENCES
<p>Week 6 (cont)</p>	<p>common disorders of the musculoskeletal system. (1,2,7)*</p> <p>Use the nursing process as a framework for providing individualized care to a culturally diverse population with disorders of the musculoskeletal system. (2,3,4,6,7)*</p> <p>Differentiate among closed reduction, cast immobilization, open reduction, and traction regarding purpose, complications, and collaborative management. (1)*</p> <p>Use the nursing process to plan and provide individualized care to patients with musculoskeletal disorders. (2,3,4,7)*</p> <p>Explain complications associated with fracture injury and the treatment regimens for those complications. (3,6,7)*</p> <p>Differentiate between the causes and characteristics of acute and</p>	<p>b. Dislocation and subluxation c. Repetitive sprain injury d. Carpal tunnel syndrome e. Rotator cuff injury f. Meniscus injury g. Anterior cruciate ligament injury</p> <p>2. Fractures a. Classification b. Clinical manifestations c. Fracture healing d. Interprofessional care 1. Medical a. fracture reduction b. traction c. fracture immobilization d. drug therapy 1. <i>Core Measure-Patient Satisfaction: Pain Management</i> e. nutritional therapy 2. nursing management</p> <p>e. Complications of fractures 1. infection a) <i>Core Measures: Surgical Care (SCIP); Prophylactic Antibiotic</i> 2. compartment syndrome 3. venous thromboembolism a) <i>Core measure-Surgical Care (SCIP): VTE Prophylaxis Administered</i> 4. fat embolism syndrome</p> <p>f. Types of Fractures 1. Hip fracture</p> <p>3. Amputation a. Clinical indications b. Diagnostic studies c. Interprofessional care</p> <p>4. Types of Joint Surgeries</p> <p>E. Musculoskeletal Problems 1. Osteomyelitis</p>	<p>Anterior Drawer test</p> <p>In-Class Activity: Application of knee immobilizer and arm/shoulder immobilizer</p> <p>In-Class Activity: Fracture Case Study</p> <p><u>Quiz Ch. 61& Ch. 62 2/15/22 (0800-0830)</u></p> <p>Handout: VTE/DVT Risk Assessment</p> <p>Lewis: Ch. 63</p>

COURSE OUTLINE

WEEK	UNIT OBJECTIVES	CONTENT	RELATED LEARNING EXPERIENCES
<p>Week 6 (cont)</p>	<p>chronic osteomyelitis. (2,3,4,6)*</p> <p>Differentiate between the causes and characteristics of acute and chronic low back pain. (2,3,4,6)*</p> <p>Describe the postoperative nursing management of a client who has undergone spinal surgery. (1,2)*</p> <p>Contrast the etiology, pathophysiology, clinical manifestations, and collaborative management of individuals with osteoarthritis versus rheumatoid arthritis. (1,2,3,4,6,7)*</p> <p>Use the nursing process to plan and provide care to a patient having joint replacement surgery. (1,2,3,4,6,7)*</p>	<ul style="list-style-type: none"> a. Etiology and pathophysiology b. Clinical manifestation and complications c. Diagnostic studies d. Interprofessional care e. Nursing management <p>2. Bone Tumors</p> <p>F. Back Pain</p> <ul style="list-style-type: none"> 1. Acute low back pain 2. Chronic low back pain 3. Intervertebral disk disease 4. Neck pain <p>G. Metabolic Bone Disorders</p> <ul style="list-style-type: none"> 1. Osteoporosis <ul style="list-style-type: none"> a. Etiology and pathophysiology b. Clinical manifestations c. Diagnostic studies d. Nursing and interprofessional care <p>H. Arthritis and Connective Tissue Disease</p> <ul style="list-style-type: none"> 1. Osteoarthritis <ul style="list-style-type: none"> a. Etiology and pathophysiology b. Clinical manifestations c. Diagnostic studies d. Interprofessional care e. Nursing management 2. Rheumatoid Arthritis <ul style="list-style-type: none"> a. Etiology and pathophysiology b. Clinical manifestations c. Diagnostic studies d. Interprofessional care e. Nursing management 3. Gout <ul style="list-style-type: none"> a. Etiology & Pathophysiology b. Clinical Manifestations & Complications c. Diagnostic Studies 	<p>In-Class Activity: Risk Assessment for Osteoporosis</p> <p>Lewis: Ch. 64</p> <p>Lecture and discussion</p> <p>In-Class Activity: Arthritis and Connective Tissue Disease Activity</p>

COURSE OUTLINE

WEEK	UNIT OBJECTIVES	CONTENT	RELATED LEARNING EXPERIENCES
	<p>Summarize the significant socioeconomic, racial, and ethnic disparities for individuals impacted by osteoarthritis. (6)*</p>	<ul style="list-style-type: none"> d. Interprofessional Care e. Nursing Management 4. Systemic Lupus Erythematosus <ul style="list-style-type: none"> a. Etiology and pathophysiology b. Clinical manifestations and complications c. Diagnostic studies d. Interprofessional care e. Nursing management 5. Fibromyalgia <ul style="list-style-type: none"> a. Etiology and pathophysiology b. Clinical manifestations c. Diagnostic studies d. Interprofessional care e. Nursing management 6. <i>Social Determinants of Health</i> 	<p>ATI RN Fundamentals Practice Assessment 2019 Version B, due 2/18/22 by 1500 (Reminder: You must obtain $\geq 80\%$)</p>
<p>Week 7</p>	<p>Describe the structure and function of the eye and ear. (1)*</p> <p>Identify age-related changes in the visual and auditory systems. (1)*</p>	<ul style="list-style-type: none"> I. Assessment of Visual and Auditory System <ul style="list-style-type: none"> 1. Structures and functions of Visual System <ul style="list-style-type: none"> a. External Structure b. Internal Structure c. Effects of Aging 2. Assessment of Visual System <ul style="list-style-type: none"> a. Subjective Data b. Objective Data 3. Diagnostic Studies of Visual System 4. Structures and Functions of Auditory System <ul style="list-style-type: none"> a. External Ear b. Internal Ear c. Effects of Aging 5. Assessment of Auditory System <ul style="list-style-type: none"> a. Subjective Data b. Objective Data 6. Diagnostic Studies of Auditory System 	
<p>Week 7 (cont)</p>	<p>Analyze significant subjective and objective assessment data related to the visual and auditory systems. (2)*</p>		

*Course Objectives

COURSE OUTLINE

WEEK	UNIT OBJECTIVES	CONTENT	RELATED LEARNING EXPERIENCES
	<p>Use the nursing process as a framework for providing individualized care to a culturally diverse population with sensory disorders. (1,2,3,4,5,6)*</p> <p>Illustrate interventions used in the preoperative and postoperative care of clients undergoing surgery on the eye. (1,2,5,6)*</p> <p>Analyze the common etiologic factors, clinical manifestations, and collaborative management of common disorders of the visual and auditory systems. (1,2,7)*</p>	<p>J. Visual and Auditory Problems</p> <ol style="list-style-type: none"> 1. Refractive errors <ol style="list-style-type: none"> a. Myopia b. Hyperopia c. Presbyopia d. Astigmatism e. Nonsurgical corrections f. Surgical therapy 2. Visual impairment 3. Eye trauma 4. Inflammation and infection 5. Dry eye disorders 6. Cataracts 7. Retinal detachment 8. Age-related macular degeneration 9. Glaucoma <p>K. Auditory problems</p> <ol style="list-style-type: none"> 1. Trauma 2. Otosclerosis 3. Menière’s disease 4. Acoustic Neuroma 5. Hearing loss and deafness 	<p>Lewis: Ch. 20, 21</p> <p>In-Class Activity: Simulated Visual Impairment Activity</p> <p>In-Class Activity: Rinne and Weber Test; Demonstration and Practice</p> <p><u>M/S Pharm Quiz: Musculoskeletal System, Sensory, and Infection 2/21/22 (0800-0830)</u></p> <p><u>ATI RN Fundamentals 2019 Proctored Assessment on campus 2/22/22 (see schedule)</u></p> <p>In-Class Activity: Multipatient Prioritization Activity</p> <p>vSim Marilyn Hughes- Middle Aged, Caucasian, Female (Medical-Surgical scenario) due by 8:00a, 2/25/22</p> <p style="text-align: center;"><u>UNIT TEST III: Musculoskeletal Nursing (1 hour) 2/25/22 0800-0900</u></p> <p>In-Class: ATI Focused Review 2.0 & Remediation Orientation</p>
Week 8			<p>High Fidelity Simulation Lab:</p> <ul style="list-style-type: none"> • Musculoskeletal/Endocrine (4.5 hours) (see schedule and scenario materials in Edvance360 Resources) <p>Simulation Prebrief & Report Sheet due 2/28/22 or 3/1/22 at the start of the simulation session.</p>

COURSE OUTLINE

WEEK	UNIT OBJECTIVES	CONTENT	RELATED LEARNING EXPERIENCES
			Simulation #1 Reflection Journal & Survey due 3/4/22 by 2200.
Week 9	<p>Upon completion of this unit, the student will be able to:</p> <p>Interpret the pharmacological agents used to treat neurological related conditions. (1,2,3,5,6)*</p>	<p>UNIT IV - NEUROLOGICAL NURSING (18 HOURS)</p> <p>A. Neurological Pharmacology</p> <ol style="list-style-type: none"> 1. Hydantoins 2. Traditional Antiepileptics 3. Valproates 4. Dopaminergics 5. Direct-Acting Dopamine Receptor Agonists 6. Cholinesterase Inhibitors 7. Antiparkinson agent/MAO-B Inhibitor 8. NMDA Receptor Antagonist 9. Serotonin Agonists 10. Salicylics 11. ADP Inhibitor 12. Thrombolytics 	<p>Clinical assignment: Care for patients with various neurological disorders</p> <p>Clinical: Inpatient Acute Rehabilitation Unit</p> <p>Handout: Neurological Pharmacology Topics (Self-Study)</p> <p>View On-line: ATI Pharmacology Made Easy 4.0: The Neurological System (Part 1):</p> <ul style="list-style-type: none"> • Muscle Spasm • Seizure Disorder • Parkinson’s Disease • Alzheimer’s • Multiple Sclerosis • Migraines • Case Study • Activities <p>View On-line: ATI Pharmacology Made Easy 4.0: The Hematologic System:</p> <ul style="list-style-type: none"> • Thromboembolic Drugs • Case Study • Activities <p>ATI RN Pharmacology for Nursing, 8.0</p> <ul style="list-style-type: none"> • Unit 2, Ch. 13 Chronic Neurologic Disorders (pg. 97-107) • Unit 5, Ch. 25 Medications Affecting Coagulation (pg. 193-194; 198-202)
Week 9	<p>Differentiate between the three major divisions of the nervous system with consideration of the effects of aging. (1)*</p>	<p>B. Structure and functions of Nervous System</p> <ol style="list-style-type: none"> 1. Neuron 2. Central nervous system 3. Peripheral nervous system 	<p>Lewis: Ch. 55</p> <p>In-class Activity: Neurological Assessment</p>

*Course Objectives

COURSE OUTLINE

WEEK	UNIT OBJECTIVES	CONTENT	RELATED LEARNING EXPERIENCES
(cont)	<p>Analyze subjective and objective assessment data collected with the neurological assessment. Consider cultural, racial, and ethnic influence and disparities. (2,4,5,6)*</p> <p>Describe diagnostic procedures used to evaluate neurological disease with consideration for patient education. (1,2,4,5)*</p> <p>Discuss etiology, pathophysiology, clinical manifestations, and nursing management of increased ICP. (1,2,3,4,5,6)*</p> <p>Examine the etiology, pathophysiology, clinical manifestations, and nursing management of head injury (1,2,3,4,5,6)*</p> <p>Discuss etiology, pathophysiology, clinical manifestations, and nursing management of brain tumors. (1,2,3,4,5,6)*</p>	<p>4. Autonomic nervous system 5. Geriatric considerations</p> <p>C. Subjective Data 1. Past medical history 2. Functional health patterns</p> <p>D. Objective Data 1. Cranial nerves 2. Motor and sensory systems</p> <p>E. Diagnostic Tests 1. Laboratory 2. Radiological</p> <p>F. Intracranial Pressure (ICP) 1. Etiology 2. Pathophysiology 3. Clinical manifestations 4. Diagnostic studies 5. Collaborative care 6. Nursing management</p> <p>G. Head Injury 1. Etiology 2. Pathophysiology 3. Clinical manifestations 4. Diagnostic studies 5. Collaborative care 6. Nursing management</p> <p>H. Brain Tumors 1. Etiology 2. Pathophysiology 3. Clinical manifestations 4. Diagnostic studies</p>	<p><u>Neuro Quiz: Ch. 55 3/15/22 3/15/22 (0800-0830)</u></p> <p>Nurse Career Panel 1200-1300</p> <p>Lewis: Ch. 56</p> <p>Lewis: Ch. 56</p> <p>In-class Activity: Head Injury Case Study</p> <p>Lewis: Ch. 56</p>

COURSE OUTLINE

WEEK	UNIT OBJECTIVES	CONTENT	RELATED LEARNING EXPERIENCES
Week 9 (cont)	<p>Describe the nursing management of clients undergoing cranial surgery. (1,2,3,4,5,6)*</p> <p>Discuss etiology, pathophysiology, clinical manifestations, and nursing management of meningitis. (1,2,3,4,5,6)*</p> <p>Analyze the etiology, pathophysiology, clinical manifestations, and nursing management of stroke with consideration for diverse populations. (1,2,3,4,5,6)*</p> <p>Discuss pharmacological agents in treatment of stroke. (1,2,3,4,5)*</p> <p>Discuss etiology, pathophysiology, clinical manifestations, and nursing management of cerebral aneurysm. (1,2,3,4,5,6)*</p> <p>Compare and contrast ischemic versus hemorrhagic stroke (1,2,3,4,5,6)*</p>	<p>5. Collaborative care 6. Nursing management</p> <p>I. Cranial Surgery 1. Preoperative care 2. Postoperative care 3. Surgical site infection prevention (Value-based purchasing)</p> <p>J. Inflammatory Conditions of the Brain 1. Bacterial and viral meningitis 2. Encephalitis 3. Etiology 4. Pathophysiology 5. Clinical manifestations 6. Diagnostic studies 7. Collaborative care 8. Nursing management 9. Isolation measures</p> <p>K. Stroke 1. Ischemic vs hemorrhagic 2. Etiology 3. Pathophysiology 4. Clinical manifestations 5. Diagnostic studies 6. Collaborative care 7. Nursing management 8. <i>Core measures</i> for Stroke a. Dysphagia screening b. Smoking cessation c. Diabetes control d. Cholesterol control e. DVT prevention (value-based purchasing) f. Anticoagulation measures 9. <i>Social Determinants of Health</i> 10. <i>Core Measures: Stroke</i></p>	<p>Read Lewis: Ch. 56</p> <p>ATI Text: RN Adult Medical Surgical Nursing 11.0 • Unit 2: Ch.3-11; Ch. 14,15,16 Neurological Disorders</p> <p>Lewis: Ch. 57</p> <p>In-Class Activity: Evolving case study; delegation and prioritization</p>

COURSE OUTLINE

WEEK	UNIT OBJECTIVES	CONTENT	RELATED LEARNING EXPERIENCES
Week 9 (cont)	Formulate a care map for an ischemic stroke patient (1,6)*		
Week 10	<p>Discuss etiology, pathophysiology, clinical manifestations, and nursing management of migraine headaches. (1,2,3,4,5,6)*</p> <p>Describe various medications for treatment of migraines. (1,2,3,4,5)*</p> <p>Discuss etiology, pathophysiology, clinical manifestations, and nursing management of epilepsy. (1,2,3,4,5,6)*</p> <p>Discuss pharmacological agents to treat epilepsy. (1,2,3,4,5)*</p> <p>Analyze the etiology, pathophysiology, clinical manifestations, and nursing management of various chronic neurological problems (Multiple sclerosis, Parkinson's disease and Alzheimer's' Disease). (1,2,3,4,5,6)*</p> <p>Describe the pharmacological management of Parkinson's disease and MS. (1,2,3,4,5)*</p>	<p>L. Headache</p> <ol style="list-style-type: none"> 1. Migraine 2. Etiology 3. Pathophysiology 4. Clinical manifestations 5. Diagnostic studies 6. Collaborative care 7. Nursing management <p>M. Seizure Disorder and Epilepsy</p> <ol style="list-style-type: none"> 1. Etiology 2. Pathophysiology 3. Clinical manifestations 4. Diagnostic studies 5. Collaborative care 6. Nursing management 7. Seizure precautions and safety measures <p>N. Multiple Sclerosis</p> <ol style="list-style-type: none"> 1. Etiology 2. Pathophysiology 3. Clinical manifestations 4. Diagnostic studies 5. Collaborative care 6. Nursing management <p>O. Parkinson's Disease</p> <ol style="list-style-type: none"> 1. Etiology 2. Pathophysiology 3. Clinical manifestations 4. Diagnostic studies 	<p>Read Lewis: Ch. 58</p> <p><u>Neuro Quiz: Ch 56, 57 3/21/22 (0800-0830)</u></p> <p>*Reminder for students to submit electronic Stroke globalization presentation to Liz by 1400 3/25/22</p> <p>Lewis: Ch. 58</p> <p>Refer to the Edvance360 Lesson: Week 10- Ch. 58 Videos (due 3/22/22)</p> <p>In-Class Activity: Pharmacology Comprehension</p> <p>Lewis: Ch. 58</p> <p>Lewis: Ch. 58</p> <p>In-Class Activity : NCLEX Questions Game</p>
Week 10 (cont)			

COURSE OUTLINE

WEEK	UNIT OBJECTIVES	CONTENT	RELATED LEARNING EXPERIENCES
	<p>Discuss etiology, pathophysiology, clinical manifestations, and nursing management of Alzheimer’s disease, dementia, and delirium. (1,2,3,4,5,6)*</p> <p>Describe the pharmacological management of Alzheimer’s disease, dementia, and delirium. (1,2,3,4,5)*</p>	<ol style="list-style-type: none"> 5. Collaborative care 6. Nursing management 7. Safety and fall prevention (CMS) <p>P. Alzheimer’s Disease, Dementia, and Delirium</p> <ol style="list-style-type: none"> 1. Etiology 2. Pathophysiology 3. Clinical manifestations 4. Diagnostic studies 5. Collaborative care 6. Nursing management 7. Safety measures (CMS) 	<p>Lewis: Ch. 59</p> <p>In-Class NCLEX Practice 3/22/22 1230-1330</p>
Week 11	<p>Discuss etiology, pathophysiology, clinical manifestations, and nursing management of cranial nerve and spinal cord disorders. (1,2,3,4,5,6)*</p> <p>Explore the social, ethnic, and cultural factors associated with Stroke from a global perspective. (1,3,6)*</p>	<p>Q. Cranial Nerve and Spinal Cord Disorders</p> <ol style="list-style-type: none"> 1. Bell’s palsy 2. Guillain-Barre syndrome 3. Spinal cord injuries 4. Autonomic Dysreflexia 5. Etiology 6. Pathophysiology 7. Clinical manifestations 8. Diagnostic studies 9. Collaborative care 10. Nursing management 	<p>Lewis: Ch. 60</p> <p><u>Neurological Quiz: Pharmacology 3/28/22 (0800-0830)</u></p> <p><u>In-Class: Stroke Globalization Presentations 3/28/22</u></p> <p>In-Class NCLEX Overview 3/28/22 1100-1200</p> <p style="text-align: center;"><u>UNIT TEST IV: Neurological Nursing (1 hour)</u> <u>3/29/22 0800-0900</u></p>
Week 11 (cont)	<p>Upon completion of this unit, the student will be able to:</p> <p>Interpret the pharmacological agents used to treat gastrointestinal related illnesses.</p>	<p>UNIT V - GASTROINTESTINAL, BILIARY, AND HEPATIC NURSING (18 hours)</p> <p>A. Gastrointestinal Pharmacology</p> <ol style="list-style-type: none"> 1. Bulk-Forming Agent 2. GI Anti-Inflammatory (5-Aminosalicylates) 	<p>Clinical Assignment: Care of a patient with various GI or hepatic disorders</p> <p>Clinical Observation: Digestive Health</p> <p>Handout: GI Pharmacology Topics (Self-Study)</p>

*Course Objectives

COURSE OUTLINE

WEEK	UNIT OBJECTIVES	CONTENT	RELATED LEARNING EXPERIENCES
Week 11 (cont)	<p>(1,2,3,5,6)*</p> <p>Explain the structures and functions of the mouth, esophagus, stomach, intestines, liver, biliary tract, and pancreas. (1)*</p> <p>Summarize the significant assessment data related to the gastrointestinal system. (2, 4)*</p> <p>Examine the purpose and nursing responsibilities related to diagnostic studies of the gastrointestinal system. (2)*</p> <p>Analyze the common etiologic factors, clinical manifestations, and management of malnutrition. (1,2,7)*</p> <p>Identify the physiologic, functional, environmental, dietary, psychologic, and social factors related to nutritional risk in older adults (1, 2, 6, 7)*</p> <p>Examine the indications,</p>	<ol style="list-style-type: none"> 3. Mucousal Protectant 4. Histamine H₂ Antagonist 5. Antidiarrheal 6. Stool Softener/Surfactant Laxative 7. Anti-Irritable Bowel Syndrome Agent 8. Antacid 9. Dopamine Antagonist (Anti-nausea) 10. Serotonin Antagonist (Anti-nausea) 11. Proton-Pump Inhibitor 12. Stimulant Laxatives <p>B. Nursing Assessment</p> <ol style="list-style-type: none"> 1. Structures and functions of the gastrointestinal (GI) system 2. Assessment of the GI system <ol style="list-style-type: none"> a. Gerontologic Considerations: Effects of aging on GI system 3. Diagnostic studies of the GI system <ol style="list-style-type: none"> a. Radiologic studies b. Endoscopy c. Liver biopsy <p>C. Nutritional Problems</p> <ol style="list-style-type: none"> 1. Malnutrition 2. Nursing and interprofessional management 3. Gerontologic considerations: Malnutrition. 4. Specialized nutritional support <ol style="list-style-type: none"> a. Enteral nutrition b. Parenteral nutrition (PN) 	<p>View Online: ATI Pharmacology Made Easy 4.0- The Gastrointestinal System</p> <p>ATI Text: RN Pharmacology for Nursing, 8.0</p> <ul style="list-style-type: none"> • Unit 6: Ch. 28-30 Medications Affecting the Gastrointestinal System and Nutrition <p>ATI RN Adult Medical Surgical Nursing 11.0</p> <ul style="list-style-type: none"> • Unit 7: Ch. 46-55 Nursing Care of Clients with Gastrointestinal Disorders <p>Lewis: Ch. 38</p> <p>Handout: Ch. 38 PowerPoint (self-study)</p> <p>Refer to the Edvance360 Lesson: Week 11- Ch. 39, 40 Online Lecture PowerPoints (due 3/29/22)</p> <p>Lewis: Ch. 39</p> <p>In-Class Activity: Nutrition & Obesity Clinical Judgment Activity</p> <p>In-Class Activity: GI Pharmacology Matching Game</p>

COURSE OUTLINE

WEEK	UNIT OBJECTIVES	CONTENT	RELATED LEARNING EXPERIENCES
	<p>complications, and nursing management related to the use of parenteral nutrition and enteral nutrition. (1,2,7)*</p> <p>Discuss the etiologies, complications, and collaborative care of obesity. (1,2,7)*</p> <p>Summarize the significant geographic, racial and ethnic, and income disparities that impact the rate of obesity. (1, 5, 6)*</p>	<p>D. Obesity</p> <ol style="list-style-type: none"> 1. Etiology and pathophysiology <ol style="list-style-type: none"> a. <i>Social Determinants of Health</i> related to obesity b. Health inequities in racial and ethnic groups 2. Health risks associated with obesity 3. Nursing and interprofessional management 4. Bariatric surgical therapy 5. Metabolic syndrome 	<p>Ch. 40</p> <p>ATI RN Fundamentals Focused Review & Remediation Binder due 4/1/22 by 1500</p>
<p>Week 11 & 12</p>	<p>Integrate the etiology, complications, collaborative care, and nursing management of nausea and vomiting. (2,3,7)*</p> <p>Explain the types, pathophysiology, clinical manifestations, complications, and collaborative care of GERD and hiatal hernia. (2,3,7)*</p> <p>Differentiate between gastric and duodenal ulcers. (2,3,4,6,7)*</p> <p>Assess priority patient data related to upper gastrointestinal bleeding. (1, 2, 3, 6)*</p>	<p>E. Nursing Management: Upper GI Problems</p> <ol style="list-style-type: none"> 1. Nausea and vomiting 2. Oral cancer 3. Esophageal disorders <ol style="list-style-type: none"> a. Gastroesophageal reflux disease (GERD) b. Gerontologic considerations c. Hiatal hernia d. Esophageal cancer e. Other esophageal disorders <ol style="list-style-type: none"> 1) Diverticula 2) Strictures 4. Disorders of the stomach and upper small intestine <ol style="list-style-type: none"> a. Gastritis b. Peptic ulcer disease (PUD) c. Upper GI bleeding 	<p>Lewis: Ch 41</p> <p>In-Class Video:</p> <ul style="list-style-type: none"> • Dystonia & Tardive Dyskinesia <p>In-Class Activity:</p> <ul style="list-style-type: none"> • GERD/Esophageal Cancer Case Study • Peptic Ulcer Disease NGN Case Study <p><u>GI Quiz: Ch. 38, 39, 40 Online Lecture Content 4/4/22 (0800-0830)</u></p>
<p>Week 12 (cont)</p>	<p>Explain the common etiologies, collaborative care, and nursing management of diarrhea, fecal incontinence, and constipation. (2,3,4,6,7)*</p>	<p>F. Nursing Management: Lower GI Problems</p> <ol style="list-style-type: none"> 1. Diarrhea 2. Fecal incontinence 3. Constipation <ol style="list-style-type: none"> a. Safe use of opioids & addiction 4. Irritable bowel syndrome (IBS) 5. Abdominal trauma 6. Inflammatory disorders 	<p>Lewis: Ch 42</p>

COURSE OUTLINE

WEEK	UNIT OBJECTIVES	CONTENT	RELATED LEARNING EXPERIENCES
	<p>Compare and contrast ulcerative colitis and Crohn’s disease, including pathophysiology, clinical manifestations, complications, collaborative care, and nursing management. (2,3,4,6,7)*</p> <p>Describe the clinical manifestations and collaborative management of colorectal cancer. (2,3,4,6,7)*</p> <p>Differentiate between diverticulitis and diverticulosis. (2,3,4,6,7)*</p> <p>Summarize the types, clinical manifestation, collaborative care, and nursing management related to intestinal obstructions. (1,2,5,6,7)*</p>	<p>a. Appendicitis b. Peritonitis 1) <i>Core Measure: Sepsis</i> c. Gastroenteritis</p> <p>7. Inflammatory bowel disease a. Ulcerative colitis b. Crohn’s disease</p> <p>8. Intestinal obstruction</p> <p>9. Polyps</p> <p>10. Colorectal cancer a. <i>34 Safe Practices for Better Healthcare: Surgical Site Infection Prevention</i></p> <p>11. Ostomy surgery</p> <p>12. Fistulas</p> <p>13. Diverticulosis and diverticulitis</p>	<p>In-Class Activity: Lower GI NCLEX Activity</p> <p>In-Class NGN Case Study: Ulcerative Colitis/Crohn’s Disease</p> <p>Guest Lecturer: Lifebanc Services 4/4/22 1130-1230 Ian Sewolich, Metro Health In-House Coordinator</p> <p>EBP Poster Presentation Review Day 4/5/22 1230-1400</p>
Week 13	<p>Describe the pathophysiology of commonly occurring disorders of the liver. (1)*</p> <p>Analyze laboratory and diagnostic tests used to diagnose disorders of the liver. (1,2,5,7)*</p>	<p>G. Liver, Pancreas, and Biliary Tract Problems</p> <p>1. Disorders of the liver a. Hepatitis b. Drug and chemical induced liver disease c. Cirrhosis d. Varices e. Liver cancer f. Liver transplantation g. Gerontologic considerations</p>	<p>EBP Poster Presentation Day Main Campus-Mylander 4/11/22 1000-1400.</p> <p>High Fidelity Simulation Lab: • Respiratory/Gastrointestinal (4.5 hours) (see schedule and scenario materials in Edvance360 Resources)</p> <p>Simulation Prebrief & Report Sheet due 4/12/22 or 4/13/22 at the start of the simulation session</p> <p>Simulation #2 Reflection Journal & Survey due 4/15/22 2200</p>
Week 13 (cont)	<p>Explain the rationale for selected nursing interventions related to care of clients with hepatic disorders. (1,2,3,4,5,6,7)*</p>		

COURSE OUTLINE

WEEK	UNIT OBJECTIVES	CONTENT	RELATED LEARNING EXPERIENCES
			<p><u>GI Quiz: Ch. 41 4/14/22 (0800-0830)</u></p> <p>Lewis: Ch 43: Liver, Pancreas and Biliary Tract Problems</p> <p>In-Class Video: Portal Hypertension/What alcohol can do to your liver</p> <p>In-Class Activity: Complications of Cirrhosis</p>
Week 14	<p>Compare and contrast acute and chronic pancreatitis. (2,3,4,6,7)*</p> <p>Analyze the pathophysiology, clinical manifestations, complications, and collaborative care, including surgical therapy, of gallbladder disorders. (2,3,4,6,7)*</p> <p>Demonstrate the use of accomplished and exemplary clinical judgment in the prioritization and management of care with a case scenario involving multiple patients with gastrointestinal conditions. (1,2,3,4,5,6,7)*</p>	<p>2. Disorders of the pancreas</p> <p style="margin-left: 20px;">a. Acute pancreatitis</p> <p style="margin-left: 20px;">b. Chronic pancreatitis</p> <p style="margin-left: 20px;">c. Pancreatic cancer</p> <p style="margin-left: 40px;">1) <i>National Patient Safety Goal (NPSG):</i> Prevent mistakes in surgery</p> <p>3. Disorders of the biliary tract</p> <p style="margin-left: 20px;">a. Cholelithiasis and cholecystitis</p>	<p><u>GI Quiz: Pharmacology 4/18/22 (0800-0830)</u></p> <p>In-Class Group Activity: Prioritization & Delegation of Multiple Patients with Gastrointestinal Conditions</p> <p>vSim Stan Checketts- Middle Aged, Caucasian, Male (Medical-Surgical scenario) due by 8:00a, 4/19/22</p> <p style="text-align: center;"><u>UNIT TEST V: GI Nursing</u> <u>(1 hour)</u> <u>4/19/22 0800-0900</u></p>
Week 14 (cont)	<p>Upon completion of this unit, the student will be able to:</p> <p>Outline the pharmacological agents used to treat genitourinary and male reproductive related conditions. (1,2,3,5,6)*</p>	<p>UNIT VI - URINARY AND RENAL NURSING (14 hours)</p> <p>A. Urinary and Renal Pharmacology</p> <ol style="list-style-type: none"> 1. Loop Diuretic 2. Thiazide Diuretic 3. Potassium-Sparing Diuretic 4. Antianemic 5. Fat Soluble Vitamin 	<p>Clinical assignment: Care for patients with various urinary, renal, and male reproductive disorders</p> <p>Handout: Urinary/Renal/Male Reproductive Pharmacology Topics (Self-Study)</p> <p>View Online ATI Pharmacology Made Easy 4.0- The Genitourinary System and The Male Reproductive</p>

*Course Objectives

COURSE OUTLINE

WEEK	UNIT OBJECTIVES	CONTENT	RELATED LEARNING EXPERIENCES
Week 14 (cont)	<p>Describe the structures and functions within the urinary system. (1)*</p> <p>Identify age-related changes in the urinary system. (1)*</p> <p>Analyze significant subjective and objective assessment data related to the urinary system. (2)*</p> <p>Describe the pathophysiology of commonly occurring disorders of the urinary tract. (1)*</p> <p>Correlate the diagnostic tests for the person with a disorder of the urinary tract with the rationale for each test and the nursing responsibilities associated with</p>	<p>6. Phosphate Binder 7. Hypokalemic Electrolyte Modifier 8. Nonopioid Urinary Tract Analgesic 9. Anticholinergic Urinary Tract /Antispasmodic 10. Alpha-1 Adrenergic Antagonist 11. 5-Alpha Reductase Inhibitor 12. Phosphodiesterase Type 5 Inhibitor</p> <p>B. Brief overview of anatomy and physiology</p> <ol style="list-style-type: none"> 1. Structures and functions of the urinary system 2. Gerontologic Considerations: Effects of aging on Urinary System <p>C. Assessment of urinary system</p> <ol style="list-style-type: none"> 1. Subjective data 2. Objective data <p>D. Diagnostic studies of urinary system</p> <ol style="list-style-type: none"> 1. Urine studies <ol style="list-style-type: none"> a. <i>34 Safe Practices for Healthcare: Labeling specimen, contrast media, and kidney injury</i> 2. Urodynamic studies <p>E. Infections and inflammatory disorder of the urinary system</p> <ol style="list-style-type: none"> 1. Urinary tract infection <ol style="list-style-type: none"> a. Classification b. Etiology and pathophysiology c. Clinical manifestations d. Diagnostic studies e. Interprofessional care f. Nursing management 2. Acute Pyelonephritis 	<p>System</p> <p>ATI Text: RN Pharmacology for Nursing, 8.0</p> <ul style="list-style-type: none"> • Unit 7: Ch. 31 Medications Affecting the Reproductive Tract (pg. 250-253) <p>In Class Activity: “Guess the Medication” Game (Pharmacology Activity)</p> <p>Lewis: Ch. 44</p> <p>In-Class: A & P Review Activity</p> <p>Lewis: Ch. 44</p> <p>Lewis Ch. 44</p> <p>ATI Text: RN Adult Medical Surgical Nursing 11.0</p> <ul style="list-style-type: none"> • Unit 8: Ch. 56 Renal Diagnostic Procedures <p>In-Class Activity: Renal Diagnostic Procedure/Nursing Care Matching Game</p> <p>Lewis: Ch. 45</p> <p>ATI Text: RN Adult Medical Surgical Nursing 11.0</p> <ul style="list-style-type: none"> • Unit 8: Ch. 60 Infections of the Renal and Urinary System

*Course Objectives

COURSE OUTLINE

WEEK	UNIT OBJECTIVES	CONTENT	RELATED LEARNING EXPERIENCES
<p>Week 14 (cont)</p>	<p>the test. (1,2)*</p> <p>Analyze the common etiologic factors, clinical manifestations, and collaborative management of common disorders of the urinary tract. (1,2,7)*</p> <p>Use the nursing process as a framework for providing individualized care to a culturally diverse population with disorders of the urinary tract. (2,3,4,6,7)*</p> <p>Identify specific dietary modifications along with cultural considerations prescribed for patients with renal disorders. (1,6)*</p>	<p>a. Etiology and pathophysiology- b.-Clinical manifestations & Diagnostic studies c. Interprofessional care d. Nursing management e. <i>Core Measure: Sepsis</i> 1. <i>Urosepsis</i></p> <p>3. Chronic Pyelonephritis</p> <p>4. Interstitial Cystitis / painful bladder syndrome a. Clinical manifestations & Diagnostic studies b. Interprofessional care c. Nursing management</p> <p>F. Immunologic disorders of the kidney 1. Glomerulonephritis a. Types b. Etiology and pathophysiology c. Clinical manifestations d. Diagnostic studies e. Nursing & Interprofessional management</p> <p> 2. Nephrotic syndrome a. Etiology b. Clinical manifestations c. Nursing & Interprofessional management</p> <p>G. Obstructive uropathies 1. Causes of urinary tract obstruction 2. Pathophysiology of obstruction 3. Urinary calculi a. Etiology & Pathophysiology b. Types of calculi c. Clinical manifestations d. Diagnostic studies e. Interprofessional Care f. Nursing management</p> <p> 4. Strictures a. Ureteral b. Urethral</p> <p>H. Renal vascular problem 1. Nephrosclerosis</p>	<p>Lewis: Ch 45</p> <p>In-Class Activity: Glomerulonephritis Care Map</p> <p>Lewis: Ch. 45</p> <p>ATI Text: RN Adult Medical Surgical Nursing 11.0 • Unit 8: Ch. 61 Renal Calculi</p> <p>Content G-H: Refer to Edvance360 Lesson: Week 14- Ch. 45 Obstructive & Vascular Renal Disorders Online Lecture PowerPoint (due 4/13/21)</p> <p>In-Class Activity: Patient Teaching Pamphlet for Renal Calculi</p> <p>Lewis: Ch. 45</p>

COURSE OUTLINE

WEEK	UNIT OBJECTIVES	CONTENT	RELATED LEARNING EXPERIENCES
Week 14 (cont)		<ul style="list-style-type: none"> 2. Renal artery stenosis 3. Renal vein thrombosis I. Hereditary renal diseases <ul style="list-style-type: none"> 1. Polycystic kidney disease <ul style="list-style-type: none"> a. Genetic Link b. Nursing & Interprofessional management J. Urinary tract tumors <ul style="list-style-type: none"> 1. Kidney cancer <ul style="list-style-type: none"> a. Clinical manifestations b. Diagnostic studies c. Nursing & Interprofessional management 2. Bladder cancer <ul style="list-style-type: none"> a. Clinical manifestations b. Diagnostic studies c. Nursing & Interprofessional management K. Bladder Dysfunction-Urinary incontinence and retention <ul style="list-style-type: none"> 1. Etiology & Pathophysiology 2. Diagnostic studies 3. Interprofessional care 4. Nursing management 5. Catheterization <ul style="list-style-type: none"> a. CAUTI b. <i>34 Safe Practices for Healthcare: Preventing CAUTI</i> 6. Surgery <ul style="list-style-type: none"> a. Renal and ureteral b. Laparoscopic nephrectomy c. Urinary diversion <ul style="list-style-type: none"> 1. Types 2. Nursing management 	<p>Lewis: Ch. 45</p> <p>Lewis: Ch. 45</p> <p>In-Class Activity: "Guess the Renal Condition"</p> <p>Lewis: Ch. 45</p> <p><u>Renal/Urinary Quiz: Ch. 45 4/21/22 (0800-0830)</u></p>
Week 15	<p>Use the nursing process to plan and provide individualized care to patients with renal disorders. (2,3,4,7)*</p>	<ul style="list-style-type: none"> L. Renal failure <ul style="list-style-type: none"> 1. Acute kidney injury <ul style="list-style-type: none"> a. Etiology & Pathophysiology b. Clinical manifestations c. Diagnostic studies d. Interprofessional care e. Nursing management f. Gerontological considerations 	<p>Lewis: Ch. 46</p> <p>Content L: Refer to Edvance360 Lesson: Week 15- Ch. 46 Renal Failure Online PowerPoint (optional)</p> <p>Guest Lecturer: Julia Colavincenzo RN, CNN</p>

COURSE OUTLINE

WEEK	UNIT OBJECTIVES	CONTENT	RELATED LEARNING EXPERIENCES
Week 15 (cont)	<p>Summarize the significant socioeconomic, racial and ethnic, and environmental disparities for individuals impacted by chronic kidney disease (CKD). (6)*</p> <p>Evaluate the nursing implications for a patient undergoing dialysis. (2,3,7)*</p> <p>Examine the pathophysiology of tissue transplant rejection. (1)*</p>	<ol style="list-style-type: none"> 2. Chronic kidney disease <ol style="list-style-type: none"> a. Etiology b. Clinical manifestations c. Diagnostic studies d. Interprofessional care e. Nursing management f. <i>Social Determinants of Health</i> 3. Dialysis support <ol style="list-style-type: none"> a. Peritoneal dialysis b. Hemodialysis c. Continuous renal replacement therapy 4. Kidney transplantation 5. Gerontologic considerations: Chronic kidney disease 	<p>Director of dialysis services Firelands Regional Health System</p> <p>ATI Text: RN Adult Medial Surgical Nursing 11.0</p> <ul style="list-style-type: none"> • Unit 8: Ch. 59 Acute Kidney Injury and Chronic Kidney Disease <p>ATI Text: RN Adult Medial Surgical Nursing 11.0</p> <ul style="list-style-type: none"> • Unit 8: Ch. 57 Hemodialysis and Peritoneal Dialysis <p>Lewis: Ch. 13 pg. 204-206- Organ transplantation</p> <p>ATI Text: RN Adult Medical Surgical Nursing 11.0</p> <ul style="list-style-type: none"> • Unit 8, Ch. 58 Kidney Transplant <p>In-Class Activity: End Stage Renal Disease</p> <p>In-Class Activity: Prioritization and Delegation of Renal Patient</p> <p>In-Class: NCLEX Practice 4/26/22 1200-1300</p>
	<p>Explain the pathophysiology, clinical manifestations, and collaborative care of benign prostatic hypertrophy (BPH). (1,2,3)*</p> <p>Demonstrate the correct technique for performance of testicular self-examination. (4)*</p> <p>Identify teaching strategies that promote the monthly practice of testicular self-examination. (1,5)*</p> <p>Discuss teaching needs of the patient with impotence. (2,4)*</p>	<p>M. Male Reproductive Problems</p> <ol style="list-style-type: none"> 1. Problems of the prostate gland <ol style="list-style-type: none"> a. Benign prostatic hyperplasia (BPH) b. Cancer of the prostate c. Prostatitis 2. Problems of the scrotum & testes <ol style="list-style-type: none"> a. Testicular cancer 3. Sexual Function <ol style="list-style-type: none"> a. Erectile dysfunction 	<p>Lewis: Ch. 54</p> <p>ATI Text: RN Adult Medical Surgical Nursing 11.0</p> <ul style="list-style-type: none"> • Unit 9: Ch. 65- Diagnostic Procedures for Male Reproductive Disorders • Unit 9: Ch. 66- Benign Prostatic Hyperplasia, Erectile Dysfunction pg. 439-441 <p>In-Class Activity: CBI demo</p> <p>In-Class Activity:</p> <ul style="list-style-type: none"> • Location and identification of lumps on testicle model; Prostate model • In-Class Activity: Renal Jeopardy <p><u>Urinary/Renal/Male Reproductive: Pharmacology</u></p>

COURSE OUTLINE

WEEK	UNIT OBJECTIVES	CONTENT	RELATED LEARNING EXPERIENCES
			<p><u>Quiz 4/26/22 (0800-0830)</u></p> <p>vSim Harry Hadley- Geriatric, Caucasian, Male (Pharmacology scenario) due by 8:00a, 4/28/22</p> <p style="text-align: center;"><u>UNIT TEST VI: Renal/Urinary/ Male Reproductive Nursing (1 hour) 4/28/22 0800-0900</u></p>
Week 16		<p><u>COMPREHENSIVE FINAL EXAMINATION- (2 HOURS) 5/5/22 0800-1000</u></p>	<p>vSim Yoa Li- Young Adult, Asian, Male (Pharmacology scenario) due 5/2/22 by 1500</p> <p>ATI Practice Assessments Targeted Med-Surg 2019: Respiratory, Endocrine, Neurosensory/Musculoskeletal, Gastrointestinal, and Renal/Urinary (due 5/3/22 by 1500)</p>

12/16/21