

Covenant School of Nursing
Instructional Module 4 Learning Guide
Topic: Immune Disorders

Learning Goals/Outcomes
Upon completion of this lesson, you will be able to: • Describe the functions and components of the immune system. • Understand the etiology and pathophysiology of hypersensitivity reactions and immune system disorders. • Identify the clinical manifestations, interprofessional care, and nursing management of Rheumatoid Arthritis (RA), Systemic Lupus Erythematosus (SLE), and Human Immunodeficiency Virus (HIV). • Describe the pathophysiology of RA/SLE/HIV and the role of specific therapies in the management of each disorder. • Demonstrate the ability to assess, plan, implement, and evaluate nursing interventions associated with each specific disorder.
Pre-Class Preparation
Required: Text: <i>Lewis (11th ed)</i> - o Chapter 13: Altered Immune Responses and Transplantation (p. 191-200 & p. 204-206) - o Chapter 14: Infection and Human Immunodeficiency Virus Infection (p. 218-233) - o Chapter 64: Arthritis and Connective Tissue Diseases (p. 1525-1532 & p. 1538-1542) Text: <i>Lehne (10th ed.)</i> - o Chapter 69: Immunosuppressants - o Chapter 73: Drug Therapy for Rheumatoid Arthritis - o Chapter 94: Antiviral Agents II: Drugs for HIV Infection and Related Opportunistic Infections - o Key Points and Summary of Nursing Implications at the end of Chapters 71 & 72 Additional Resources: • American College of Rheumatology http://www.rheumatology.org/ • Arthritis Foundation http://www.arthritis.org/ • Lupus Foundation of America http://www.lupus.org • US Dept of Health & Human Services http://aidsinfo.nih.gov/
Learning Activities
Classroom Activities: ▪ Lecture ▪ Case Studies ▪ Discussion ▪ Collaborative Learning Laboratory/Clinical Activities: ▪ Participate in the care of a patient with immune system disorder in the clinical setting. Out of Class/Computer Assisted Activities: ▪ HESI Material: Refer to "HESI Across the Module"
Evaluation Methods
▪ Exam ▪ Clinical Performance Evaluation ▪ Collaborative Learning ▪ HESI Graded Adaptive Quizzing Activity: Immune Disorders ▪ HESI Fundamentals Proctored Exam

Texas DEC's	QSEN Competencies
Knowledge: I. Member of the Profession: A.1a-c, A.2-4; B.1.a,b,e; B.2.a,b; B.3; B.4; B.5; B.6.a; B.7a-c; B.8; D.2. II. Provider of Patient-Centered Care: A.1- 4; B.1-7,10,11; B.10 - 12; C.1- 8; D.1-5; E.1-13; F.1-2; G.1-3; H.3,5-6; . III. Patient Safety Advocate: A.1-5; B.1-4; C.1-2; D.1.a-c; F.1-2. IV. Member of the Health Care Team: A.1-2, 4.b, 5; B.3.b; C.1, 3- 8; D.1-4; E.1-3; F.1- 4; G.1-4 Clinical Judgments and Behaviors: I. Member of the Profession: A.1, 2, 3a,b; B.2.a,b; B.3a-c; B.4a,c; B.5.a,c; B.6.a,c; B.7; B.8; B.9; C.2; C.3c; C.4 D.1; D.2; D.3. II. Provider of Patient-Centered Care: A.1-4; B.1-8; C.1-7; D.1-4; E.1-13; F.1-6; G.1-7; H.3, 5a, 6; . III. Patient Safety Advocate: A.3-4; B.1-9; C.1-3; D.1-3.; F.1-3. IV. Member of the Health Care Team: A.1-3; B.1-3, 5; C.1-4; D.1-2; E.1-4.	▪ Patient-Centered Care ▪ Teamwork & Collaboration ▪ Evidence Based Practice ▪ Quality Improvement ▪ Safety ▪ Informatics
IM4 Student Learning Outcomes	NCLEX Test Plan
1. Implement a plan of care that integrates adult patient-related data and evidence-based practice. 2. Communicate effectively with members of the healthcare team. 3. Apply evidence based research in nursing interventions. 4. Incorporate nursing and healthcare standards with dignity and respect when providing nursing care. 5. Recommend resources most relevant in the care of patients with health impairments. 6. Participate in the development of interprofessional plans of care. 7. Evaluate the effectiveness of teaching plans implemented during patient care. 8. Deliver effective nursing care to patients with multiple healthcare deficits.	Safe/Effective Care Environment: ▪ <i>Management of Care:</i> Advocacy, Assignment, Delegation & Supervision, Collaboration with Interdisciplinary Team, Confidentiality/Information Sharing, Establishing Priorities, Ethical Practice, Information Technology ▪ <i>Safety & Infection Control:</i> Accident/Error/Injury Prevention, Handling Hazardous/Infectious Materials, Home Safety, Standard Precautions/Surgical Asepsis Health Promotion/Maintenance: ▪ Aging Process, Health Promotion/Disease Prevention, Self-care, Techniques of Physical Assessment Psychosocial Integrity: ▪ Sensory/Perception Alteration, Therapeutic Communication, Therapeutic Environment Physiological Integrity: ▪ <i>Basic Care & Comfort:</i> Mobility/Immobility, Non-Pharmacological Comfort Interventions, Nutrition & Hydration, Personal Hygiene, Rest and Sleep ▪ <i>Pharmacological Therapies:</i> Adverse/Contraindications/Side Effects/Interactions, Expected Actions & Outcomes, Medication Administration, Parenteral/Intravenous Therapies ▪ <i>Reduction of Risk Potential:</i> Changes/Abnormalities in Vital Signs, Diagnostic Tests, Laboratory Values, System Specific Assessments, Therapeutic Procedures ▪ <i>Physiological Adaptation:</i> Alteration in Body Systems, Illness Management, Pathophysiology
Concepts	Faculty
Cellular Regulation, Comfort, Functional Ability, Immunity, Mobility, Coping, Clinical Judgment, Health Promotion, Patient Education, Safety	T. Nesbitt, DNP, RN, CNE
Date originated: 2/9/16	Revision Dates: 8/26/16, 9/5/17, 9/4/18, 7/24/19, 11/14/19, 10/23/20, 9-11-21