
















Advanced Pathophysiology DCE™ Learning Objectives

NONPF Competencies	Learning Objectives	Learning Activities	Cells, Genes and Tissues	The Nervous System	The Cardiovascular System	The Pulmonary System	The GastroIntestinal System
Scientific Foundations Competencies 2. Integrates knowledge from the humanities and sciences within the context of nursing science.	Describe the normal structure and physiological function of body systems across the lifespan.	Interact with internal structures to understand normal physiologic function.	 Structure of cells, genes and tissues	 Structure of peripheral, central, and autonomic nervous system	 Structure of the cardiovascular system	 Structure of the pulmonary system	 Structure of the gastrointestinal system
	Describe the etiology, epidemiology, pathogenesis and clinical manifestations of common alterations of health across the lifespan.	Interact with internal structures to understand pathologic processes.	 Function of cells, genes, and tissues and associated pathologies	 Function of sensory, motor control, cognition, memory, and sleep regulation and associated pathologies	 Function of circulation, electroconductivity, blood pressure, vascular resistance, and associated pathologies	 Functions of ventilation, perfusion, diffusion, and acid/base balance and associated pathologies	 Function of motility, absorption, digestion, and secretion and associated pathologies
	Integrate knowledge of physiology and pathophysiology to health promotion and disease prevention across the lifespan.	Complete clinical scenarios to demonstrate understanding of the relationship of physiology and pathophysiology.	 Disease presentation in selected cases	 Disease presentation in selected cases	 Disease presentation in selected cases	 Disease presentation in selected cases	 Disease presentation in selected cases