

ADN 230 Health-Illness Concepts 4

Credits: 7 Contact Hours: 13

Pre-Requisites: ADN 210, ADN 220, and ADN 215 (B- or higher in all)

Co-Requisites: ADN 235

Course Description:

This course is designed to further develop health care recipient, health and illness, and professional nursing and health care concepts with emphasis on clients with complex/mental health needs. Health care recipient concepts include functional ability. Health and Illness concepts include fluid and electrolyte imbalance, perfusion, gas exchange, infection, inflammation, stress and coping, mood and affect, anxiety, psychosis, and addiction. Professional nursing and health care concepts include health care policy. Upon completion, students should be able to provide safe nursing care to clients with complex/mental health needs while incorporating the concepts identified in this course.

Course Outcomes:

1. Management of Care: The nursing student will provide and direct nursing care that enhances the care delivery setting to protect clients with complex/mental health needs and health care personnel. (1.A)
2. Safety and Infection Control: The nursing student will protect clients with complex/mental health needs and health care personnel from health and environmental hazards. (1.B)
3. Health Promotion and Maintenance: The nursing student will provide and direct nursing care of the adult client that incorporates the knowledge of expected growth and development principles, prevention and/or early detection of health problems, and strategies to achieve optimal health. (2)
4. Psychosocial Integrity: The nursing student will provide and direct nursing care that promotes and supports the emotional, mental and social well-being of the client with complex/mental health needs who is experiencing stressful events, as well as those with acute or chronic mental illness. (3)
5. Basic Care and Comfort: The nursing student will provide comfort and assistance in the performance of activities of daily living for the client with complex/mental health needs. (4.A)
6. Pharmacological and Parenteral Therapies: The nursing student will provide and direct care related to the administration of medications and parenteral therapies for the client with complex/mental health needs. (4.B)
7. Reduction of Risk Potential: The nursing student will reduce the likelihood that clients with complex/mental health needs will develop complications or health problems related to existing conditions, treatments or procedures. (4.C)
8. Physiological Adaptation: The nursing student will provide and direct care for clients with complex/mental health needs who are also experiencing acute, chronic or life threatening physical health conditions. (4.D)

(Outcomes 1-8 refer to the NCLEX-RN® Detailed Test Plan Item Writer/Item Reviewer/Nurse Educator Version. Parentheses refer to program outcomes/NCSBN Framework)

Integrated Charts

Implicit Bias Training Integrated Chart - ADN.docx

Integration of Microbiology into ADN Concept Based Curriculum.docx

Integration of Pharmacology into Concept Based ADN Curriculum.docx

Integration of Special Diets into Concept Based ADN Curriculum.docx

Theory		
Outline	Health Care Recipient Concepts	Exemplars
Review of Health Care Recipient Concepts A. Definition B. Scope C. Attributes D. Theoretical Links E. Context to Nursing and Health Care F. Interrelated Concepts G. Exemplars		
	Culture	
	Functional Ability	Multiple Sclerosis
		Spinal Cord Injury
		Traumatic Brain Injury
Outline	Health and Illness Concepts	Exemplars
Introduction of Health and Illness Concepts A. Definition B. Scope C. Individual Risk Factors and Populations at Risk D. Physiologic Process and Consequences E. Assessment <ol style="list-style-type: none"> History Examination Diagnostic Studies F. Clinical Management <ol style="list-style-type: none"> Primary Prevention Secondary Prevention Collaborative Interventions G. Interrelated Concepts H. Exemplars		
	Addiction	Substance Use Disorder
	Anxiety	Anxiety Disorders
		Obsessive-Compulsive Disorder
	Fluid & Electrolytes	Acute Kidney Injury

		Chronic Kidney Disease
	Gas Exchange	Chronic Obstructive Pulmonary Disease (COPD)
		Pneumonia
	Infection	Sepsis
	Inflammation	Pancreatitis
	Mood & Affect	Bipolar Disorder
		Depression
	Perfusion	Coronary Arterial Bypass Graft Surgery
		Dysrhythmias
		Shock (hypovolemic, distributive, cardiogenic, obstructive)
		Valvular Heart Disease
	Psychosis	Schizophrenia
	Stress & Coping	Anger & Aggression
		Eating Disorders
		Personality Disorders
		Somatic Disorders
		Violence
Outline	Professional Nursing and Health Care Concepts	Exemplars
Review of Professional Nursing and Health Care Concepts A. Definition B. Scope C. Attributes D. Theoretical Links E. Context to Nursing and Health Care F. Interrelated Concepts G. Exemplars		
	Health Care Policy	Psychiatric Commitment
Clinical/Lab		
Competencies (per NCLEX Test-Plan)	Leveling of Competency Verb	Assessment Method(s)
Advocate for client rights and needs (1A)		Medical surgical side: CCM, simulation (MS); Psych MSE/PSA, SBAR, CCM, PPT Presentation
Maintain client confidentiality and privacy (1A)		Medical surgical side: CCM, simulation (MS); Psych, MSE/PSA, SBAR, Weekly reflection

Prioritize the delivery of client care based on acuity (1A)		Medical Surgical Side: CCM; Psych SBAR, CCM, PPT Presentation
Recognize and report ethical dilemmas (1A)		CCM Med surg Simulation/Debriefing
Practice in a manner consistent with the nurses' code of ethics (1A)		Medical Surgical side: CCM, Simulation; Psych Weekly reflection, PPT presentations,
Recognize limitations of self and others and utilize resources (1A)		Medical Surgical side: CCM, Simulation (MS); Psych Weekly reflections
Promote staff safety (1B)		MSE/PSA, SBAR, PPT presentations
Protect client from injury (1B)		Medical Surgical side: CCM, simulation (MS); Psych MSE/PSA, SBAR, CCM, PPT Presentation, Weekly reflection
Properly identify client when providing care (1B)		Medical Surgical side: CCM, Simulation (MS); Psych MSE/PSA, Weekly reflection
Acknowledge and document practice errors and near misses (1B)		Medical Surgical side: CCM; Psych Weekly reflection,
Apply principles of infection prevention (e.g., hand hygiene, aseptic technique, isolation, sterile technique, universal/standard enhanced barrier precautions) (1B)		Medical surgical side: CCM, simulation (MS); Psych MSE/PSA, SBAR, CCM, PPT Presentation Weekly reflection
Assess client for abuse or neglect and report, intervene, and/or escalate (3)		MSE/PSA, SBAR, CCM, PPT presentations
Incorporate behavioral management techniques when caring for a client (3)		MSE/PSA, CCM, SBAR, PPT presentations
Assess client for substance abuse and/or toxicities and intervene as appropriate (e.g., dependency, withdrawal) (3)		MSE/PSA, SBAR, CCM, PPT presentations
Assess client's ability to cope with life changes and provide support (3)		MSE/PSA, CCM, SBAR, PPT presentations; Simulation (MS)
Assess the potential for violence and use safety precautions (3)		MSE/PSA, CCM, SBAR
Incorporate client cultural practices and beliefs when planning and providing care (3)		M/S CCM. Psych MSE/PSA, SBAR
Assess client support system to aid in plan of care (3)		MSE/PSA, CCM, SBAR
Provide care and education for acute and chronic psychosocial health issues (e.g., addictions/dependencies, depression, dementia, eating disorders) (3)		MSE/PSA, CCM, SBAR, PPT presentations
Assess psychosocial factors influencing care and plan interventions (e.g., occupational, spiritual, environmental, financial) (3)		MSE/PSA, CCM, SBAR
Recognize non-verbal cues to physical and/or psychological stressors (3)		MSE/PSA, CCM, SBAR; Simulation (MS)
Use therapeutic communication techniques (3)		Medical surgical side: CCM, Simulation (MS); Psych MSE/PSA, SBAR, CCM, PPT Presentation Debriefing reflections
Promote a therapeutic environment (3)		Psych MSE/PSA, SBAR, CCM, PPT Presentation; Simulaiton (MS)
Provide non-pharmacological comfort measures (4A)		Medical surgical side : CCM 4.B Psych MSE/PSA, CCM, SBAR
Administer blood products and evaluate client response (4B)		evolve videos, quiz, lab

Evaluate client response to medication (4B)		Medical Surgical side: CCM, simulation (MS)
Educate client about medications (4B)		Medical Surgical side: CCM, simulation (MS); Psych MSE/PSA, SBAR, CCM, Weekly reflection
Prepare and administer medications using rights of medication administration (4B)		Medical Surgical side: CCM, simulation (MS)
Titrate dosage of medication based on assessment and ordered parameters (4B)		Medical surgical side: CCM
Evaluate appropriateness and accuracy of medication order for client (4B)		Simulation (MS)
Administer medications for pain management (4B)		clinical ccm
Assess and respond to changes and trends in client vital signs (4C)		Simulation (MS)
Monitor the results of diagnostic testing and intervene as needed (4C)		Medical surgical side: CCM, Sim chart worksheet Psych MSE/PSA, SBAR, CCM, PPT Presentation
Insert, maintain, or remove a peripheral intravenous line (4C)		campus lab IV insertion
Educate client about treatments and procedures (4C)		Psych MSE/PSA, SBAR, CCM, PPT Presentation; Simulaiton (MS)
Assist with invasive procedures (e.g., central line, thoracentesis, bronchoscopy) (4D)		Campus emergency management simulation activities and test MS side
Monitor and care for clients on a ventilator (4D)		acid/base balance worksheet Clinical video presentation
Perform and manage care of client receiving peritoneal dialysis (4D)		Case study Chronic Kidney disease debriefing activity
Perform suctioning (4D)		Simulation day (MS)
Monitor and maintain arterial lines (4D)		post conference - site visit; MS sim day artline station
Manage the care of a client with a pacing device (4D)		Pacemaker Worksheet/Activity
Manage the care of a client on telemetry (4D)		Simulation (MS) ECG Worksheet
Manage the care of a client receiving hemodialysis or continuous renal replacement therapy (4D)		Case study Chronic Kidney disease debriefing activity
Manage the care of a client with alteration in hemodynamics, tissue perfusion, and hemostasis (4D)		Simulation (MS) Case Study: Sepsis
Manage the care of a client with impaired ventilation/oxygenation (4D)		Simulation day (MS) and test
Perform emergency care procedures (4D)		Simulation (MS)
Recognize signs and symptoms of client complications and intervene (4D)		Medical surgical side: CCM, Simulation (MS); Psych MSE/PSA, SBAR, CCM, PPT Presentation