

ADN 220 Health-Illness Concepts 3

Credits: 2 Contact Hours: 4

Pre-Requisites: ADN 130, ADN 14, and ADN 135 (B- or higher in all)

Co-Requisites: ADN 215, PY 232

This course is designed to further develop individual, health and illness, and professional nursing and health care concepts with emphasis on the client with complex health needs. Individual concepts include functional ability and culture. Health and illness concepts include thermoregulation, elimination, perfusion, immunity, inflammation, infection, pain, and stress and coping and addiction. Professional nursing and health care concepts include professional identity, clinical judgment, health promotion, communication, collaboration, safety and health care policy. Upon completion, students should be able to provide safe nursing care to clients with complex health needs while incorporating the concepts identified in this course.

Course Outcomes

- Management of Care: The nursing student will develop nursing care that enhances the care delivery setting to protect clients with complex health needs and health care personnel. (1.A)
- Safety and Infection Control: The nursing student will protect clients with complex health needs and health care personnel from health and environmental hazards. (1.B)
- Psychosocial Integrity: The nursing student will develop nursing care that promotes and supports the emotional, mental and social well-being of the client with complex health needs experiencing stressful events, as well as those with acute or chronic mental illness. (3)
- Basic Care and Comfort: The nursing student will provide comfort and assistance in the performance of activities of daily living for clients with complex health needs. (4.A)
- Pharmacological and Parenteral Therapies: The nursing student will develop care related to the administration of medications and parenteral therapies for clients with complex health needs. (4.B)
- Reduction of Risk Potential: The nursing student will reduce the likelihood that clients with complex health needs will develop complications or health problems related to existing conditions, treatments or procedures. (4.C)
- Physiological Adaptation: The nursing student will develop care for clients with complex health needs who are also experiencing acute, chronic or life threatening physical health conditions. (4.D)
(Outcomes 1-7 refer to the 2013 NCLEX-RN® Detailed Test Plan Item Writer/Item Reviewer/Nurse Educator Version. Parentheses refer to program outcomes/NCSBN Framework).
- Consider the context, costs, benefits and consequences of potential solutions to problems or issues. (CT2)
- 9. Use creativity and alternative thinking to brainstorm new ideas and possible solutions to problems or issues. (CT8)

| Outline | Individual Concepts | Exemplars | Competencies* |
|---|---------------------|-----------|---|
| Review of Individual Nursing Concepts | Functional Ability | | |
| A. Definition B. Scope C. Attributes D. Theoretical Links E. Context to Nursing and Health Care F. Interrelated Concepts G. Exemplars | Culture | | <ul style="list-style-type: none">• Incorporate cultural practices and beliefs when planning/ providing care to clients with complex health needs (3) |

| Outline | Health and Illness Concepts | Exemplars | Competencies* |
|--|-------------------------------|---|---|
| Review of Health and Illness Concepts A. Definition B. Scope, C. Individual Risk Factors and Populations at Risk D. Physiologic Process and Consequences E. Assessment •History •Examination •Diagnostic Studies F. Clinical Management •Primary Prevention •Secondary Prevention •Collaborative Interventions G. Interrelated Concepts H. Exemplars | Thermoregulation | <ul style="list-style-type: none"> Thyroid | Knowledge of Exemplar (4-all) |
| | Fluid & Electrolyte | | <ul style="list-style-type: none"> Demonstrate understanding of parenteral nutrition and evaluate client response (4.C) |
| | Elimination | <ul style="list-style-type: none"> IBS Intestinal obstruction Ostomies | Knowledge of exemplars (4-all) |
| | Perfusion | <ul style="list-style-type: none"> PVD PAOD/amps MI CHF – basic/intro level of complexity | <ul style="list-style-type: none"> Demonstrate understanding of venous devices, included tunneled, implanted and central lines (4. B) |
| | Immunity | <ul style="list-style-type: none"> Cancer HIV/AIDS Transplants | Knowledge of Exemplars (4-all) |
| | Inflammation | * Liver/Hepatitis * Pancreatitis | Knowledge of Exemplars (4-all) |
| | Pain | | <ul style="list-style-type: none"> Assess the client with complex health issues' need for pain management and provide non-pharmacological comfort measures (4,A) Administer pharmacological measures for pain management (4. B) |
| | Stress & Coping | | <ul style="list-style-type: none"> Assess the client with complex health needs in coping with life changes and provide support (3) Assess the client with complex health needs for the potential for violence and use safety precautions (3) Asses psychosocial, spiritual and occupational factors affecting care in the client with complex health needs and plan appropriate interventions (3) Identify non-verbal cues to physical and/or psychological stressors in the client with complex health needs (3) |
| | Interpersonal Violence | | <ul style="list-style-type: none"> Assess the client with complex health needs for abuse or neglect and intervene as appropriate (3) |
| Outline | Professional Nursing Concepts | Exemplars | |
| Review of Professional Nursing Concepts A. Definition B. Scope C. Attributes D. Theoretical Links E .Context to Nursing and Health Care F .Interrelated Concepts G. Exemplars | Professional Identity | | <ul style="list-style-type: none"> Provide care within the legal scope of practice to clients with complex health needs (1. A) Recognize limitation of self in caring for the client with complex health needs and seek assistance (1. A) |
| | Clinical Judgment | | <ul style="list-style-type: none"> Prioritize the delivery of care to the client with complex health needs (1. A) Utilize information resources to enhance the care provided to the client with complex health needs (1. A) Assess and respond to changes in vital signs, trends, and conditions of the client |

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| | | | <p>with complex health needs (4. C)</p> <ul style="list-style-type: none"> • Evaluate the effectiveness of the treatment regimen for a client with a complex acute or chronic diagnosis (4. D) • Recognize signs and symptoms of complications and intervene appropriately when providing care to the client with complex health needs (4. D) • Consider the context, costs, benefits and consequences of potential solutions to problems or issues. (GRCC ILO: CT2) • Use creativity and alternative thinking to brainstorm new ideas and possible solutions to problems or issues. (GRCC ILO: CT8) • Obtain specimens peripherally or through a central line (4. C) |
| | Health Promotion | | <ul style="list-style-type: none"> • Educate the client with complex health needs about treatments and procedures (4. C) • Educate the client regarding a complex acute or chronic condition (4. D) |
| | Communication | | <ul style="list-style-type: none"> • Integrate advanced directives into client plan of care (1.A) • Verbally provide and receive report on assigned clients in SBAR format (1. A) • Use therapeutic communication techniques to provide support for the client with complex health needs (3) |
| | Collaboration | | <ul style="list-style-type: none"> • Function as a member the health care team when caring for clients with complex health needs. (1.B) |
| | Safety | | <ul style="list-style-type: none"> • Assess the client with complex health issues for allergies and intervene as needed (1. B) • Protect the client with complex health issues from injury (1. B) • Ensure proper identification of the client with complex health need when providing care (1. B) • Acknowledge /document practice error as appropriate while caring for the client with complex health needs (1. B) • Apply principles of infection control and educate clients/staff on such while caring for clients with complex health needs (1. B) • Prepare and administer medications using rights of medication administration, including performing calculations as needed and reviewing pertinent data prior to medication admin (4. B) • Evaluate client response to medications (4. B) • Educate client about medications (4. B) |
| | Health Care Policy | | Development of Concept (1.A) |