

Virginia Western Community College

PNE 111

Practical Nursing in Health and Disease II

Prerequisites

Successful completion of PNE 110.

Course Description

Studies the pathophysiology, signs and symptoms, prescribed medical and surgical treatments, and appropriate nursing care for the patient with selected disorders.

Semester Credits: 5

Lecture Hours: 5

Lab/Clinical/Internship Hours: 0

Required Materials

Textbook:

Henke's Med-Math Dosage Calculation, Preparation and Administration. Buchholz, Susan. (2016). 8th Edition. Lippincott, Williams, & Wilkins. ISBN: 9781496302847

Introductory Medical/Surgical Nursing. Timby, Barbara K. & Smith, Nancy E. (2010). 10th Edition. Walters Klower/Lippincott, Williams, & Wilkins. ISBN: 9781605470634

Workbook to Accompany Introductory Medical/Surgical Nursing. 10th Edition. Walters Klower / Lippincott, Williams, & Wilkins. ISBN: 9781605470641

Other Required Materials:

Medical Dictionary

Drug Handbook

The Point

PrepU

Course Outcomes

At the completion of this course, the student should be able to:

- Discuss the pathophysiology, signs and symptoms for selected disorders.
- Discuss the usual Medical and/or surgical treatments for selected disorders and the nursing implications for each.
- Discuss the expected diagnostic studies for selected disorders and the nursing implications for each.
- Assist with the assessment, planning, implementation, and evaluation of nursing care including related patient teaching for selected disorders.
- Discuss the role of the practical nurse in health promotion and disease prevention,
- Discuss the expected dietary interventions for selected disorders and the related nursing implications.
- Discuss the expected pharmacological interventions and the nursing implications for selected disorders.
- Recognize biocultural aspects of disease.
- Identify types of disasters and discuss the role of the practical nurse in disaster situations.

Topical Description

Unit 12: Caring for Clients with Endocrine Disorders

- Caring for Clients with Diabetes

Unit 9: Caring for Clients with Neurological Disorders

Caring for Clients with Central/Peripheral Nervous System Disorders

- Increased intracranial pressure
- Infectious and inflammatory disorders of the nervous system
- Neuromuscular disorders
- Cranial nerve disorders
- Extraparamidal disorders
- Seizure disorders
- Brain tumor

Caring for Clients with Cerebrovascular Disorders

- Headache
- Transient ischemic attacks
- Cerebrovascular accident (Stroke)

Caring for Clients with Head and Spinal Cord Trauma

- Head injuries
- Spinal cord injuries
- Spinal nerve root compression

Caring for Clients with Neurologic Deficits

- Phases of a neurologic deficit
- Psychosocial issues and home management

Unit 7: Caring for Clients with Hematopoietic & Lymphatic Disorders

Caring for Clients with Hematopoietic System Disorders

- Anemia
- Erythrocytosis and leukocytosis
- Multiple myeloma
- Agranulocytosis
- Pancytopenia
- Coagulopathies

Caring for Clients with Disorders of the Lymphatic System

- Occlusive, inflammatory, and infectious disorders
- Lymphomas

Unit 8: Caring for Clients with Immune Disorders

Caring for Clients with Immune-Mediated Disorders

- Allergic disorders
- AIDS Autoimmune disorders

Caring for Clients with HIV/AIDS

- Human immunodeficiency virus
- Acquired immunodeficiency syndrome

Unit 15: Caring for Clients with Urinary and Renal Disorders

Caring for Clients with Disorders of the Kidneys and Ureters

- Infectious and Inflammatory Disorders of the Kidney
- Congenital Disorders, Polycystic Disease
- Obstructive Disorders
- Renal Failure
- Dialysis

Caring for Clients with Disorders of the Bladder and Urethra

- Voiding Dysfunction
- Infectious and Inflammatory Disorders
- Obstructive Disorders
- Malignant Tumors of the Bladder
- Trauma

Unit 15: Caring for clients with Musculoskeletal Disorders

Caring for Clients Requiring Orthopedic Treatment

- Orthopedic surgery
- Amputation

Caring for Clients with Traumatic Musculoskeletal Injuries

- Strains, contusions, and sprains
- Dislocations
- Specific injuries to upper and lower extremities
- Fractures

Caring for Clients with Orthopedic and Connective Tissue Disorders (Ch. 63)

- Inflammatory disorders
- Musculoskeletal infectious disorders
- Structural disorders
- Disorders of the feet
- Bone tumors

Unit 10: Caring for Clients with Sensory Disorders

Caring for Clients with Eye Disorders

- Impaired vision
- Infectious and inflammatory eye disorders
- Macular degeneration
- Glaucoma
- Cataracts
- Retinal detachment
- Enucleation

Caring for Clients with Ear Disorders

- Hearing impairment
- Disorders of the ear

Unit 3: Foundations of Medical-Surgical Nursing

Disaster Situations

- Bombs and radiologic disasters
- Biologic disasters
- Chemical disasters

Unit 16: Caring for Clients with Integumentary Disorders

Caring for Clients with Skin, Hair, and Nail Disorders

- Body ornamentation
- Skin disorders
- Scalp, hair, and nail disorders

Caring for Clients with Burns

Unit 13: Caring for Clients with Breast and Reproductive Disorders

Caring for Clients with Disorders of the Female Reproductive System

- Disorders of menstruation
- Menopause
- Infectious and inflammatory disorders
- Structural abnormalities
- Tumors of the reproductive system

Caring for Clients with Breast Disorders

- Infectious and inflammatory breast disorders
- Benign breast lesions
- Malignant breast disorders
- Cosmetic breast procedures

Caring for Clients with Male Reproductive System Disorders

- Structural abnormalities
- Infectious and inflammatory conditions
- Erection disorders
- Benign prostatic hypertrophy
- Malignancies of the male reproductive system

Caring for Clients with Sexually Transmitted Infections

Note to Instructors