

NURSING COMPUTER SOFTWARE

Level 1- Semester 2

Nur 1210/ 1210L Medical Surgical Nursing/ Clinical Lab

RECOMMENDED FOR ALL COURSES:

- Successful Test- taking Tips for Windows: (Copyright 1998)
Test-Taking Tips for Beginners:
Successful Problem Solving and Test taking for Beginning Nursing Students, Version 1.1: Units 1 and 2 are tutorials covering test taking tips and skills followed by questions with rationales for choices. Units 3, 4, and 5 are more specific to nursing and cover therapeutic communication techniques, selecting priorities, nursing process, nursing skills, and pathology. Units 3, 4, and 5 may contain content that is too advanced for the beginning Nursing student but would benefit the nursing student in Level 2.
 - Unit 1: Understanding the Question
 - Unit 2: Test- taking Strategies
 - Unit 3: Communication questions
 - Unit 4: Selecting priorities (Maslow's Hierarchy)
 - Unit 5: Nursing Process

- The Language of Medicine, 5th edition: (Copyright 1996)
Teaches medical terminology through tutorial and quizzes pertinent to each body system and medical specialty. Covers basic word structure, suffixes, and prefixes system by system. Variety of quizzes includes matching, multiple choice and short answer.

- PDS Clinical Education Software: (Copyright 1997)
Abbreviations and Equivalents:
Drills and practice questions in game format. Divided into abbreviation section and equivalents practice. This program also has a self-test that gives correct answer immediately.

- Anatomy and Physiology: (Copyright 1997)
 - A.D.A.M. Interactive Anatomy (AIA): enhances the study of human anatomy and anatomy-related topics at all levels of education. It includes 3D models, cadaver photographs, pinned anatomical illustrations, and slide show. Internet access.
 - A.D.A.M. Interactive Physiology (requires CD): Program includes interactive review of the following body systems:
 - Cardiovascular
 - Fluids System
 - Muscular System

- Nervous System
- Respiratory System
- Urinary System

A.D.A.M. Practice Practical 1.0: multipurpose learning tool that gives you widevariety of options to review anatomy and test your anatomical knowledge.

- Lippincott's Complete Nursing Reference: (Copyright 1997)

Consists of 5 textbooks on CD:

1. The Lippincott Manual of Nursing Practice:

Part I: Nursing Process and Practice

Part II: Medical Surgical Nursing

Part III: Maternal and Neonatal Nursing

Part IV: Pediatric Nursing

Part V: Psychiatric Nursing

Part VI: Appendices

2. Physical Examination and History Taking

3. A Manual of Laboratory and Diagnostic Tests

4. Nursing Care Plans and Documentation

5. Lippincott's Nursing Drug Guide (1997)

APPROPRIATE FOR ALL OF UNITS IN NUR 1210:

- PDS Clinical Education Software: (Copyright 1997)

Med-Surg Mania: Provides interactive quizzes designed to reinforce knowledge of medical surgical nursing content. First select body systems, then choose from following topics: Anatomy and Physiology, Disorders, Diagnostic Procedures and specific Nursing Care, Treatment procedures with Nursing Care Plan. Body Systems included are:

- Cardiovascular
- Gastrointestinal
- Endocrine
- Musculoskeletal
- Neurologic
- Peripheral vascular
- Respiratory
- ABG's
- Pot Luck Quiz: includes a variety of content across all body systems.

UNIT: Immune System

Module: Care of the Patient with Immunological Disorders

- Nursing Care Plans, Edition 5: (Copyright 2000)

Medical/ Surgical Topics:

Systemic Infections and Immunological Disorders:

HIV Positive Patient

AIDS

Nursing care plans by medical diagnosis. Includes medical diagnosis definition, care, setting, related concerns; patient assessment database: by systems and teaching/learning, diagnostic studies, priorities, discharge goals; nursing diagnosis, with desired outcomes, actions and interventions with rationales, potential considerations.

Module: Care of the Patient with Infectious Diseases

- Nursing Care Plans, Edition 5: (Copyright 2000)

Medical/ Surgical Topics:

Systemic Infections and Immunological Disorders:

Sepsis/ Septicemia

Nursing care plans by medical diagnosis. Includes medical diagnosis definition, care, setting, related concerns; patient assessment database: by systems and teaching/learning, diagnostic studies, priorities, discharge goals; nursing diagnosis, with desired outcomes, actions and interventions with rationales, potential considerations.

UNIT: Gastrointestinal System

Module: Care of the Patient with Upper Gastrointestinal Diseases

- Nursing Care Plans, Edition 5: (Copyright 2000)

Medical/ Surgical Topics:

Gastrointestinal Disorders:

UGI/ Esophageal Bleeding:

Subtotal Gastrectomy:

Nursing care plans by medical diagnosis. Includes medical diagnosis definition, care, setting, related concerns; patient assessment database: by systems and teaching/learning, diagnostic studies, priorities, discharge goals; nursing diagnosis, with desired outcomes, actions and interventions with rationales, potential considerations.

- PDS Clinical Education Software: (Copyright 1997)

PDS Clinical Scenario Content Area:

Adult Health Nursing Concepts and Skills:

Gastrointestinal Scenarios:

Peptic Ulcer Disease/Subtotal Gastrectomy Scenario

Module: Care of the Patient with Intestinal Diseases

- Nursing Care Plans, Edition 5: (Copyright 2000)
Medical/ Surgical Topics:
Gastrointestinal Disorders:
Inflammatory Bowel Disease -Ulcerative Colitis,
Regional Enteritis (Crohn's Disease, Ileocolitis)
Fecal Diversions: Post op Care of Ileostomy and
Colostomy
Appendectomy
Peritonitis
 Nursing care plans by medical diagnosis. Includes medical diagnosis definition, care, setting, related concerns; patient assessment database: by systems and teaching/learning, diagnostic studies, priorities, discharge goals; nursing diagnosis, with desired outcomes, actions and interventions with rationales, potential considerations.
- PDS Clinical Education Software: (Copyright 1997)
PDS Clinical Scenario Content Area:
Adult Health Nursing Concepts and Skills:
Gastrointestinal Scenarios:
Intestinal Obstruction 2nd to Colon Cancer
Hemicolectomy Scenario

UNIT: Neurologic System

Appropriate section for all modules:

- PDS Clinical Education Software: (Copyright 1997)
Med-Surg Mania: Neurologic
 Provides interactive quizzes designed to reinforce knowledge of medical surgical nursing content. First select body systems, then choose from following topics: Anatomy and Physiology, Disorders, Diagnostic Procedures and specific Nursing Care, Treatment procedures with Nursing Care Plan.

Module: Care of the Patient with Seizure Disorders

- Nursing Care Plans, Edition 5: (Copyright 2000)
Medical/ Surgical Topics:
Neurological/Sensory Disorders:
Seizure Disorder
 Nursing care plans by medical diagnosis. Includes medical diagnosis definition, care, setting, related concerns; patient assessment database: by systems and teaching/learning, diagnostic studies, priorities, discharge goals; nursing diagnosis, with desired outcomes, actions and interventions with rationales, potential considerations.

Module: Care of the Patient experiencing Vascular Alterations of the Brain

- Nursing Care Plans, Edition 5: (Copyright 2000)
Medical/ Surgical Topics:
Neurological/ Sensory:
CVA/ Stroke:
- PDS Clinical Education Software: (Copyright 1997)
PDS Clinical Scenario Content Area:
Adult Health Nursing Concepts and Skills:
Neurologic Scenarios:
CVA Scenario

Module: Care of the Patient with a Head Trauma

- Nursing Care Plans, Edition 5: (Copyright 2000)
Medical/ Surgical Topics:
Neurological/ Sensory:
Craniocerebral Trauma (Acute Rehabilitative Phase)
- PDS Clinical Education Software: (Copyright 1997)
PDS Clinical Scenario Content Area:
Adult Health Nursing Concepts and Skills:
Neurologic Scenarios:
Subdural Hematoma Scenario

UNIT: Cancer (Multi-System)

Module: Cancer

- Nursing Care Plans, Edition 5: (Copyright 2000)
Medical/ Surgical Topics:
Diseases of the Blood/ Blood Forming Organs:
Lymphomas
General:
Cancer
Nursing care plans by medical diagnosis. Includes medical diagnosis definition, care, setting, related concerns; patient assessment database: by systems and teaching/learning, diagnostic studies, priorities, discharge goals; nursing diagnosis, with desires outcomes, actions and interventions with rationales, potential considerations.
- Oncology Nursing Review: (Copyright 1993)
Oncology Nursing Review Questions, 2nd ed.: Program designed to help you prepare Oncology Nursing Certification exam. This program is consists of 278 practice multiple choice questions with rationales and a 200 questions test (no rationales) for nurses whose

practice is with oncology patients. Questions cover the following areas: Standards of Oncology Nursing Practice and Cancer Education, Major Cancers, Treatment of Cancer, Issues and Trends, Prevention and Detection, Pathophysiology of Cancer, Cancer Epidemiology, and Professional Issues.

- PDS Clinical Education Software: (Copyright 1997)
PDS Clinical Education Software:
Clinical Scenario Content Area:
Adult Health Nursing Concepts and Skills:
Hematologic Scenarios:
Non- Hodgkin's Lymphoma Scenario

UNIT: Women's Health (Multi-System)

Module: Women's Health

- Nursing Care Plans, Edition 5: (Copyright 2000)
Medical/ Surgical Topics:
Women's Reproductive:
Hysterectomy
Mastectomy
Nursing care plans by medical diagnosis. Includes medical diagnosis definition, care, setting, related concerns; patient assessment database: by systems and teaching/learning, diagnostic studies, priorities, discharge goals; nursing diagnosis, with desired outcomes, actions and interventions with rationales, potential considerations.

UNIT: Endocrine System

Module: Care of the Patient with Diabetes Mellitus

- Nursing Care Plans, Edition 5: (Copyright 2000)
Medical/ Surgical Topics:
Metabolic and Endocrine Disorders:
Diabetes Mellitus/ Ketoacidosis:
Nursing care plans by medical diagnosis. Includes medical diagnosis definition, care, setting, related concerns; patient assessment database: by systems and teaching/learning, diagnostic studies, priorities, discharge goals; nursing diagnosis, with desired outcomes, actions and interventions with rationales, potential considerations.
- PDS Clinical Education Software: (Copyright 1997)
PDS Clinical Education Software:
Clinical Scenario Content Area:

Adult Health Nursing Concepts and Skills:
Endocrine Scenarios:
Diabetic Ketoacidosis Scenario

UNIT: Cardiovascular System

Module: Care of the Patient with Angina Pectoris

- Nursing Care Plans, Edition 5: (Copyright 2000)

Medical/ Surgical Topics:

Cardiovascular: Angina Pectoris: Nursing care plans by medical diagnosis. Includes medical diagnosis definition, care, setting, related concerns; patient assessment database: by systems and teaching/learning, diagnostic studies, priorities, discharge goals; nursing diagnosis, with desired outcomes, actions and interventions with rationales, potential considerations.

Module: Care of a Patient with a Myocardium Infarction

Module: Care of the Patient with Angina Pectoris

- Nursing Care Plans, Edition 5: (Copyright 2000)

Medical/ Surgical Topics:

Cardiovascular: Myocardial Infarction

- PDS Clinical Education Software: (Copyright 1997)

PDS Clinical Education Software:

Clinical Scenario Content Area:

Adult Health Nursing Concepts and Skills:

Cardiovascular Scenarios:

Chest Pain Scenario

MI and Cardiac Failure Scenario

Module: Care of a Patient with Cardiac Failure

- Nursing Care Plans, Edition 5: (Copyright 2000)

Medical/ Surgical Topics:

Cardiovascular: Heart Failure (Chronic)

Module: Care of a Patient with Coronary Artery Disease

- Nursing Care Plans, Edition 5: (Copyright 2000)

Medical/ Surgical Topics:

Cardiovascular: Cardiac Surgery (Post Op Care-Coronary Artery Bypass Graft)

- PDS Clinical Education Software: (Copyright 1997)

PDS Clinical Education Software:

Clinical Scenario Content Area:

Adult Health Nursing Concepts and Skills:

Cardiovascular Scenarios:

Cardiac Catheritization and PTCA
Scenario
Post Coronary Artery Bypass Graft (CABG)
Scenario

Module: Care of a Patient with Hypertension

- Nursing Care Plans, Edition 5: (Copyright 2000)
Medical/ Surgical Topics:
Cardiovascular: Hypertension (Severe)

Module: Care of a Patient with Basic Dysrhythmias

- Nursing Care Plans, Edition 5: (Copyright 2000)
Medical/ Surgical Topics:
Cardiovascular: Dysrhythmias

- PDS Clinical Education Software: (Copyright 1997)
Dysrhythmias:
Recognizing Common Dysrhythmias:
Tutorial covering learning, recognizing, and testing on dysrhythmias. Sections includes:
 - Basic Heart Rhythms: reviews the conduction system of the heart and associated ECG waveform characteristics for normal and abnormal rhythm.
 - Practice Rhythm Recognition: Practice rhythm recognition with randomly selected strips. Results may be viewed or printed.
 - Self-Test: Allows you to choose specific dysrhythmias and answer question regarding changes in normal conduction. Rationales are given for incorrect answers. Results can be viewed or printed.
 - Test: Prepared test that can only be taken once. Scores are saved and can be printed.

Module: Care of the Patient with Peripheral Vascular Disease

- PDS Clinical Education Software: (Copyright 1997)
PDS Clinical Education Software:
Adult Health Nursing Concepts and Skills:
Peripheral Vascular Scenarios:
Venous Ulcer Scenario
Femorotibial Bypass Scenario
Hypertension-Repair of Abdominal Aortic
Aneurysm Scenario

UNIT: Musculoskeletal System

Module: Care of the Patient with Bone Fractures

- Nursing Care Plans, Edition 5: (Copyright 2000)

Medical/ Surgical Topics:

Orthopedic:

Fractures

Nursing care plans by medical diagnosis. Includes medical diagnosis definition, care, setting, related concerns; patient assessment database: by systems and teaching/learning, diagnostic studies, priorities, discharge goals; nursing diagnosis, with desired outcomes, actions and interventions with rationales, potential considerations.

- PDS Clinical Education Software: (Copyright 1997)

PDS Clinical Education Software:

Clinical Scenario Content Area:

Adult Health Nursing Concepts and Skills:

Musculoskeletal Scenarios:

Fractured Femur- Skeletal Traction
Scenario

**Module: Care of the Patient with Traumatic Musculoskeletal Conditions
(Hip Fractures, Amputations)**

- Nursing Care Plans, Edition 5: (Copyright 2000)

Medical/ Surgical Topics:

Orthopedic:

Amputation

Total Joint Replacement

Module: Care of the Patient with Specific Degenerative Bone Diseases

- Nursing Care Plans, Edition 5: (Copyright 2000)

Medical/ Surgical Topics:

Orthopedic:

Total Joint Replacement

Systemic Infections and Immunological Disorders:

Rheumatoid Arthritis

- PDS Clinical Education Software: (Copyright 1997)

PDS Clinical Education Software:

Clinical Scenario Content Area:

Adult Health Nursing Concepts and Skills:

Musculoskeletal Scenarios:

Rheumatoid Arthritis Scenario

Total Hip Arthroplasty

UNIT: Respiratory System

Module: Care of a Patient with Alterations in Respiratory Function

- Nursing Care Plans, Edition 5: (Copyright 2000)

Medical/ Surgical Topics:

Respiratory:

Lung Cancer (Post op care)

Radical Neck /Surgery (Laryngectomy)

Ventilatory Assistance (Mechanical)

Respiratory Acid Base Imbalances- Acidosis

Respiratory Alkalosis:

Nursing care plans by medical diagnosis. Includes medical diagnosis definition, care, setting, related concerns; patient assessment database: by systems and teaching/learning, diagnostic studies, priorities, discharge goals; nursing diagnosis, with desired outcomes, actions and interventions with rationales, potential considerations.

Module: Care of a Patient with Chronic Problems of the Lower Airway

- Nursing Care Plans, Edition 5: (Copyright 2000)

Medical/ Surgical Topics:

Respiratory:

COPD, Asthma

Pneumonia (microbial)

Hemothorax/ Pneumothorax

TB:

Nursing care plans by medical diagnosis. Includes medical diagnosis definition, care, setting, related concerns; patient assessment database: by systems and teaching/learning, diagnostic studies, priorities, discharge goals; nursing diagnosis, with desired outcomes, actions and interventions with rationales, potential considerations.

- PDS Clinical Education Software: (Copyright 1997)

PDS Clinical Education Software:

Adult Health Nursing Concepts and Skills:

Respiratory Scenarios:

Emphysema Scenario

Pneumococcal Pneumonia

Lung Cancer-Lobectomy

NUR 1213C Medical /Surgical Nursing Skills Laboratory

- Williams & Wilkins: (Copyright 1995)

Auscultation of Breath Sounds Glossary: list of normal and abnormal terms used and definitions used in assessment of respiratory system.

Auscultation of Breath Sounds: Listen to breath sounds as heard when chest auscultation is performed through chest wall. This lesson focuses on auscultating breath sounds and identifying the major normal and abnormal adventitious sounds. Includes:

instruction on use of stethoscope, preparation of client and how to implement listening techniques used during both anterior and posterior chest examination. This program also identifies the underlying physical mechanisms and pathological conditions related to abnormal breath sounds.

- *EKG Challenge: (Copyright 1996)*
Basic EKG Analysis: tutorial to identify abnormalities in a single-lead EKG tracing. All tracings in this section are from limb II. The program assumes prior knowledge regarding cardiac electrophysiology and how the conduction system of the heart generates the EKG tracing.
Heart Rate Determination: tutorial teaches how to approximate the heart rate of an EKG tracing. Limited use.
- *Nursing Care Plans, Edition 5: (Copyright 2000)*
Medical/ Surgical Topics:
Metabolic and Endocrine Disorders:
Total Nutritional Support- Parenteral
Enteral Feeding:
Nursing care plans by medical diagnosis. Includes medical diagnosis definition, care, setting, related concerns; patient assessment database: by systems and teaching/learning, diagnostic studies, priorities, discharge goals; nursing diagnosis, with desired outcomes, actions and interventions with rationales, potential considerations.