LOS ANGELES COUNTY COLLEGE OF NURSING AND ALLIED HEALTH
School of Nursing

Nursing 123:

MEDICAL SURGICAL NURSING

Fall 2022

COURSE TITLE: **N123 Medical Surgical Nursing**

PRE-REQUISITE: Completion of Semester 1 Requirements

UNITS: 2 Units

HOURS: 2 hours per week

LENGTH: 14 Weeks

PLACEMENT: Semester 2

CONCURRENCY: All semester theory courses are taken concurrently with the clinical courses.

COURSE DESCRIPTION: This course consists of content related to common health problems building on content from the previous semester with emphasis on physiological problems of the client across the lifespan. Medical/surgical and nursing management of clients with diabetes mellitus; gastrointestinal disorders; genitourinary and reproductive problems; hematological problems; and selected gynecological problems will be presented. Nursing process, collaboration, accountability, communication, education, decision-making, and social cultural sensitivity are utilized as the basis for content presentation.

COURSE OBJECTIVES: Upon satisfactory completion of the course, the student will:

1. Demonstrate understanding of the nursing process for safe patient-centered care of individuals with an emphasis on selected common health problems.

2. Utilize therapeutic communication techniques and use of nursing informatics in the care of individuals with common health problems.

3. Discuss teamwork and collaborative relationships to improve the care of individuals with selected common health problems.

4. Describe legal-ethical issues and behaviors that reflect the value of professional accountability to improve the quality of care for individuals with selected common health problems.

5. Discuss collaborative interventions in decision making for individuals with common health problems.

6. Discuss evidence-based health teaching to meet the educational needs of individuals with common health problems.

7. Identify sociocultural factors that impact the patient-centered care of individuals with common health problems.

STUDENT LEARNING OUTCOMES:	Students competently identify the application and implementation of appropriate medical/surgical interventions needed to provide care to adult clients with common health problems in a variety of health care settings.
TEACHING METHODS:	Class discussions, case studies, computer-adaptive instructions, videos, handouts, modules, lectures, and power-point presentations.
METHOD OF EVALUATION:	Students attain an overall cumulative score of 70% or higher on exams, quizzes, case studies, and computer assignment. A passing score indicates attainment of the student learning outcome. <u>Grade is calculated from:</u> • 1 quiz, 6% of the grade • 4 Prep U assignments worth 1% of the grade • 3 exams, 50 questions each, 30% each, worth 90% of the grade
GRADING SCALE:	The percentage grading scale is used as the method of scoring and determining the final grade in the course. (see your Student Handbook on grading policy).
REQUIRED READINGS:	Frandsen, G., & Pennington, S.S. (2021). *Abrams' Clinical Drug Therapy: Rationales for nursing practice* (12th ed.). Philadelphia, PA: Lippincott Williams & Wilkins. Hinkle, J., & Cheever, K.H. (2018). Brunner & Suddarth's *Textbook of Medical-Surgical nursing* (14th ed.). Philadelphia, PA: Lippincott Williams & Wilkins. McKinney, E., James, S., Murray, S., Nelson, K., & Ashwill, J., (2018). *Maternal-child nursing (6th ed.).* St. Louis: Elsevier. Taylor, C., Lillis, C., Lynn, P., & LeMone, P. (2019.) *Fundamentals of Nursing: The Art and Science of Person-Centered Nursing Care.* (9th ed.) Philadelphia, PA: Lippincott Williams & Wilkins.

RECOMMENDED READING:

Ackley, B.J., & Ladwig, G.B. (2017). *Nursing diagnosis handbook: An evidenced-based guide to planning care (11th ed.). St. Louis: Elsevier*

Alfaro-LeFevre, R. (2014). *Applying nursing process – a tool for critical thinking (8th ed.).* Philadelphia: J.B. Lippincott.

Carpenito-Moyet, L.J. (2017). *Nursing diagnosis: Application to clinical practice. (15th ed.).* Philadelphia: Lippincott, Williams & Wilkins

INSTRUCTIONAL REFERENCES:

www.cdc.gov www.emedicine.com
www.diabetes.org www.niddk.nih.gov
www.healthy people.gov www.emedicine.medscape.com
www.urologychannel.com

All academic policies are strictly enforced.
For any conflict or issue, students must first meet with their respective instructor to discuss a solution. If issue is not resolved, students must adhere to the appropriate chain of command starting with the Semester Coordinator, SON Dean, and Provost.

N123 Medical Surgical Nursing

Lippincott CoursePoint+ for Hinkle: Brunner & Suddarth's Textbook of Medical-Surgical Nursing, Fourteenth Edition

Semester 2

Your CLASS CODE is: **6D3BE452**

1. If you don't already have access to Lippincott CoursePoint+ for Hinkle: Brunner & Suddarth's Textbook of Medical-Surgical Nursing, Fourteenth Edition, redeem your **ACCESS CODE** and complete registration at http://thePoint.lww.com/activate.

2. Once you have redeemed your Access Code and are logged in to the Point, from the **"My Content"** page, click **Launch Course Point** for Lippincott Course Point + for Hinkle: Brunner & Suddarth's Textbook of Medical-Surgical Nursing, Fourteenth Edition.

3. On the content homepage, select "Join a Class", enter your **CLASS CODE: 6D3BE452**, and click "Join this Class"

4. If you experience any problems, check the code again and re-enter it. If it does not work, contact Lippincott Online Product Support at 1-800-468-1128 or techsupp@lww.com for assistance.

Not sure what an **ACCESS CODE** is?
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Unit Title: **Diabetes Mellitus**

Objectives	Content Outline	Student Activities
A. Applies the nursing process in the care of individuals with diabetes mellitus problems. 1. Describe the pathophysiology, diagnostic tests, clinical manifestations, nursing and medical management of a patient with diabetes mellitus (Type I, II and Gestational). 2. Discusses adults, maternal and fetal risks and the complications associated with diabetes.	A. Diabetes Mellitus 1a. Overview to include cultural diversity 1b. Pathophysiology/Etiology • Normal insulin metabolism • Etiology 1c. Diagnostic studies / tests 1d. Classifications • Type I • Type II • Secondary • Gestational • Prediabetes 1e. Clinical manifestations 2. Acute and Chronic Complications of Diabetes Acute complications • Hypoglycemia (Insulin Reactions) • Diabetic ketoacidosis (DKA) • Hyperosmolar hyperglycemic syndrome (HHS) Chronic Complications • Macrovascular • Microvascular • Neuropathies (Peripheral, autonomic) • Integumentary	**Required Readings**: **Hinkle & Cheever.:** Metabolic Syndrome – pp.753 & 1459 Diabetes Mellitus Chapter 51: pp.1456-1500 **McKinney:** p. 226 Pancreas p. 226 Carbohydrate Metabolism pp. 555-563 Diabetes Mellitus Gestational **Prep U Assignment:** **Chapter 51** **Due August 22 @0930 am**

Unit Title: **Diabetes Mellitus (Cont'd)**		
Objectives	**Content Outline**	**Student Activities**
3. Discusses nursing care related to acute and chronic complications of diabetes. B. Identifies common nursing problems identified with diabetes mellitus. C. Describes the educational needs of individuals (child, adult, gestational and elderly) with diabetes mellitus. 1. Identifies teaching needs related to nutrition, exercise, monitoring, complications and lifestyle modifications for a patient with diabetes mellitus.	3. Interprofessional collaboration • Major goals of treatment • Nursing management • Collaborative intervention (primary, secondary and tertiary) B. Nursing problems common in patients with diabetes mellitus Complications Metabolic syndrome C. Management of complications (acute and chronic) • Nutritional • Medications • Exercise • Monitoring • Teaching possible complications • Use of community resources • Body image • Pediatric and Gerontological considerations	

Unit Title: **Gynecology (Gynecologic Problems of the Female Reproductive Anatomy and Cancers of the Female Reproductive Anatomy)**

Objectives	Content Outline	Student Activities
A. Describes etiology, clinical manifestations, diagnostic tests, therapeutic and nursing management of common problems of menstruation including endometriosis, benign tumors and pelvic inflammatory disease. B. Describes areas of assessment for female reproductive organs. C. Describes the nursing assessment of patients undergoing surgical procedures, i.e., D&C, ablations and hysterectomy.	A. Etiology, clinical manifestations, diagnostic tests, nursing management and common problems of menstruation • Menstruation • PMS/PMDD • Abnormal uterine bleeding • Menopause • Endometriosis • Pelvic inflammatory disease • Benign tumors • Polycystic ovarian syndrome B. Areas of assessment • Positioning/inspection/examination of female organs • Bleeding • Pain • Vaginal C. Nursing assessment for surgical procedures 1. Analysis: • Pelvic exam • Pain • Bleeding 2. Treatment: • Imaging • Laparoscopic procedures • Hysterectomy • Drug therapy	**Required Readings:** **Hinkle & Cheever** Chapter 56: Reproductive Function pp. 1653-1654 Physical Assessment & Diagnostic Evaluation pp. 1661-1666 Menstruation & Menstrual Disorders pp. 1666-1669 Menopause pp. 1681 – 1683 Chapter 57: PID pp. 1695 – 1696 PCOS pp. 1703 Benign tumors pp. 1703 – 1704 Endometriosis pp. 1704 – 1706 Malignant conditions pp. 1706 – 1717 Chapter 58: Assessment and management of patients with breast disorders pp. 1720 -1750 ***GYN Quiz on Sept 12***

Unit Title **Gynecology (Cont'd)**		
Objectives	**Content Outline**	**Student Activities**
.	3. Nursing interventions • Non-pharmacologic measures • Monitor for complications • Pre and post-op care • Psychosocial support • Interdisciplinary collaboration	
D. Describes the etiology, pathophysiology, complications, therapeutic and nursing management of: • Breast cancer • Endometrial cancer • Cervical cancer • Ovarian cancer • Vulvar cancer	D. Etiology, clinical manifestations, pathophysiology, complications, risk factors & therapeutic nursing management: • Breast cancer • Endometrial cancer • Cervical cancer • Ovarian cancer • Vulvar/vaginal cancer	
E. Describes the educational needs of individuals with problems of female reproductive organs 1. Identifies teaching needs of individuals with problems of the female reproductive organs. 2. Discusses the teaching plans for individuals undergoing surgical procedures.	E. Educational needs of patients and families with gynecological problems 1. Staging Genetic predisposition Surgical options Medical management/chemotherapy Support systems 2. Pre and post op expectations Drug therapy and medical management Pain management	

Unit Title **Gynecology (Cont'd)**		
Objectives	**Content Outline**	**Student Activities**
F. Describes sociocultural variations of individuals with problems of female reproductive organs. 1. Discusses the cultural and social impact of problems of female reproductive organs.	F. Sociocultural support in decision-making for problems with female reproductive organs. 1. Sociocultural aspects of care.	

Unit Title: **Genitourinary**

Objectives	Content Outline	Student Activities
A. Describes the nursing process in the care of individuals with problems of reproductive and genitourinary organs. 1. Discusses the etiology, pathophysiology, clinical manifestations, treatment modalities and nursing interventions of individuals with problems of urinary tract / renal calculi. 2. Identifies the etiology, pathophysiology, clinical manifestations, treatment modalities and nursing interventions of individuals with problems of male congenital anomalies. 3. Discusses the etiology, pathophysiology, clinical manifestations, treatment modalities, and nursing interventions of individuals with problems of Benign Prostatic Hyperplasia, Prostate Cancer, Testicular Cancer and Erectile Dysfunction (ED) 4. Identifies the educational needs for patients with genitourinary and reproductive disorders. 5. Discusses cultural and ethnic considerations when caring for patient with genitourinary and reproductive disorders; including human sexuality, equity, diversity and inclusion.	A. Etiology, pathophysiology, clinical manifestations, treatment modalities and nursing intervention of individuals with 1. Urinary tract / renal calculi 2. Male congenital anomalies • Hypospadias • Epispadias • Cryptorchidism • Testicular torsion • Penile problems 3. Other genitourinary problems • Benign Prostatic Hyperplasia • Prostate Cancer • Testicular Cancer • Erectile Dysfunction (ED) a. Diagnostic tests • DRE • PSA / PAP b. Medical / Surgical Interventions • Invasive vs. Non-invasive • TURP and ED 4. Educational needs of patients and families with GU and male reproductive disorders 5. Cultural and ethnic considerations when caring for patients with GU and reproductive disorders; Including human sexuality, equity, diversity and inclusion.	**Required Readings:** **Hinkle & Cheever** - Urinary Assessment: Chapter 53: 1555-1565, - Renal Problems: Tract Calculi Chapter 55: 1632-1637 - Male Reproductive Problems: Chapter 59: 1753-1786 **McKinney** - Hypospadias/Epispadias: 1018-1019 - Cryptorchidism: 1017-1018 **Discussion Topic**: Prepare to discuss the patient with 1. BPH 2. Prostate Cancer 3. Testicular Cancer 4. Erectile Dysfunction 5. Renal Calculi

Unit Title: **Gastrointestinal System**

Objectives	Content Outline	Student Activities
A. Applies the nursing process in the care of individuals with selected upper gastrointestinal problems. 1. Describes the pathophysiology, clinical manifestations and complications of upper gastrointestinal problems. 2. Describes the purpose, significance of results, and appropriate nursing care for diagnostic tests. 3. Formulates collaborative and independent nursing plans for selected upper gastrointestinal problems. 4. Describes the educational needs of individuals with selected upper gastric problems	A. Upper gastrointestinal problems 1. Pathophysiology, clinical manifestations and complications of: • Hiatal Hernia • Diverticulitis • Esophageal perforation • Foreign bodies & Chemical burns • Gastroesophageal reflux disease • Peptic Ulcer • Barrett Esophagus • Mallory-Weiss tear • Esophageal varices • Cancer of the esophagus 2. Diagnostic tests 3. Collaborative and independent nursing plans • Applies systematic method of making choices regarding care of individuals • Gerontological considerations 4. Educational Needs • Medical/lifestyle modification • Preprocedural, preoperative, postoperative and home care management • Pharmacological management • Nutritional management	**Required Readings:** **Hinkle & Cheever:** Chapter 43:1224-1241 Assessment & Diagnostic Evaluation Chapter 44: 1243-1258 GI Treatment Modalities Chapter 45:1264–1267, 1269-1272, 1279-1289 Oral & Esophageal Disorders: Chapter 46: Gastric & Duodenal Disorders 1292-1309 Chapter 47: Intestinal & Rectal Disorders 1311-1340, 1343-1349, 1351-1353 Chapter 49: Esophageal Varices 1388-1390 Chapter 50: Gallbladder & Pancreas 1428-1454 **Prep U Assignment:** **Chapter 47** **Due October 3 @0930 am**

Unit Title: **Gastrointestinal System (cont'd)**

Objectives	Content Outline	Student Activities
B. Applies the nursing process in the care of individuals with selected gastrointestinal accessory organ problems. 1. Describes the pathophysiology, clinical manifestations and complications of accessory gastrointestinal problems. 2. Describes the purpose, significance of results, and appropriate nursing care for diagnostic tests. 3. Formulates collaborative and independent nursing plans for selected pancreatic and biliary problems. 4. Describes the educational needs of individuals with selected pancreatic and biliary problems.	B. Digestive Accessory Organs/Duodenal Disorder 1. Pathophysiology, clinical manifestations and complications of: • Gastritis • Peptic Ulcer • Gastric Cancer • Gallbladder Disorders - Cholecystitis - Cholelithiasis • Pancreatitis - Acute pancreatitis - Chronic pancreatitis - Cancer of the pancreas 2. Diagnostic tests 3. Collaborative and independent nursing plans • Applies systematic method of making choices regarding care of individuals • Gerontological considerations 4. Educational Needs • Medical/lifestyle modification • Preprocedural, preoperative, postoperative and home care management • Pharmacological management • Nutritional management	**Required Readings:** Review pre- and post-Operative care Review - GI Anatomy & Physiology - Cancer staging from N113 - Antineoplastic meds from N111

Unit Title: **Gastrointestinal System (cont'd)**

Objectives	Content Outline	Student Activities
C. Applies the nursing process in the care of individuals with selected lower gastrointestinal problems. 1. Describes the pathophysiology, clinical manifestations and complications of patients with intestinal obstruction (mechanical, neurogenic), appendicitis, peritonitis, diverticulitis, hemorrhoids. 2. Describes the purpose, significance of results, and appropriate nursing care for diagnostic tests. 3. Formulates collaborative and independent nursing plans for selected pancreatic and biliary problems. 4. Describes the educational needs of individuals with selected pancreatic and biliary problems.	C. Intestinal and Rectal Disorders (Lower GI problems) 1. Pathophysiology, clinical manifestations and complications of: • Constipation / Diarrhea • Irritable Bowel Syndrome (IBS) • Peritonitis • Appendicitis • Diverticulitis • Intestinal Obstruction (mechanical and functional or paralytic) • Small bowel • Large bowel • Inflammatory Bowel Disease (Crohn's Disease & Ulcerative Colitis • Colorectal Cancer • Hemorrhoids • Pilonidal sinus or cyst 2. Diagnostic tests 3. Collaborative and independent nursing plans • Applies systematic method of making choices regarding care of individuals • Dependent interventions 4. Educational needs • Pharmacological management • Nutritional management • Patient teaching & interventions	

Unit Title: **Sexually Transmitted Infections**

Objectives	Content Outline	Student Activities
A. Discusses the etiology, manifestations, and nursing and medical management of sexually transmitted infections (STIs).	A. Etiology, clinical manifestations, pathophysiology, complications, risk factors & therapeutic management of sexually transmitted infections (STIs) caused by: 1. Bacteria • Bacterial Vaginosis (BV) • Syphilis • Gonorrhea • Chlamydia 2. Viruses • Genital herpes / warts 3. Protozoa • Trichomoniasis 4. Fungi • Candidiasis 5. TORCH • Toxoplasmosis, Rubella, Cytomegalovirus, Herpes	**Required Readings:** **McKinney** STI Chapter 26: 570 Chapter 32: 715-719 Chapter 41: 929-934 **Hinkle & Cheever** STI Chapter 57: 1687-1696 Chapter 71: 2146-2150
B. Discusses importance of disease prevention and health screening of patients with sexually transmitted infections (STIs).	B. Management of patients with STIs: 1. Disease prevention 2. Health screening 3. Treatments	

Unit Title: **Blood Disorders**		
Objectives	**Content Outline**	**Student Activities**
A. Identifies general areas of focus related to blood disorders 1. States general causes and characteristics of blood disorders 2. Discusses the components of a hematological assessment needed to identify blood disorders. 3. Describes etiology, clinical manifestations, diagnostic tests, therapeutic and nursing management of common blood disorders. 4. Describes common types of interventions utilized to treat blood disorders.	A. Introduction 1. General causes and characteristics of blood disorders 2. Components of hematological assessment • Health History • Physical Findings • Laboratory / Diagnostic tests 3. Etiology, clinical manifestations, diagnostic tests, nursing management of common blood disorders • Thalassemia • Immune Hemolytic • Anemias • Polycythemia • Neutropenia / Lymphopenia • Platelet Defects • Disseminated Intravascular Coagulation (DIC) • Multiple Myeloma 4. Common and specific treatment modalities included with each blood disorder • Injury prevention • Dietary guidelines • Mineral /vitamin supplements • Blood / Blood product transfusions • Stem Cell Transplantation • Pharmacological Agents (steroid, etc.) • Surgery	**Required Reading:** **Hinkle & Cheever** * Assessment of Hematologic Function & Treatment Modalities Chapter 32: pp. 902-914 * Hematologic Problems Chapter 33: pp. 925-935, 941-951, 956-959, 963-966, 984-987 * Multiple Myeloma Chapter 34: pp. 993-998 Pathophysiology, Clinical Manifestation, Nursing/ Collaborative Management **PrepU Assignment:** **Chapters 32 and 33** **Due October 31@ 0930 am**

Unit Title: Blood Disorders (Cont'd)

Objectives	Content Outline	Student Activities
B. Discusses the essential aspects of selected types of anemias 1. Explains how anemias are identified according to type and classification. 2. Identifies factors contributing to the development of selected anemias 3. States the definitions, pathophysiology, and clinical findings of selected anemias.	B. Essential Aspects of Selected Anemia Type 1. Types of Anemia • Decreased erythrocyte production • Increased erythrocyte production • Anemia caused by blood loss Classification of Anemia • Morphologic • Etiologic 2. Factors contributing to the development of anemia • Heredity • Nutritional • Sociocultural/economic factors • Disease processes • Age • Trauma/Surgery • Medications 3. Definitions/pathophysiology of selected anemias • Iron deficiency anemia • Megaloblastic anemias « Vitamin B12 deficiency « Folic Acid deficiency • Aplastic Anemia • Anemia caused by blood loss (acute/chronic) 4. Clinical manifestations/laboratory findings of anemia (Mild, Moderate, Severe)	

Unit Title: Blood Disorders (Cont'd)

Objectives	Content Outline	Student Activities
C. Discusses the care for an individual with a problem with hemostasis as seen in thrombocytopenia.	C. Thrombocytopenia	
1. States the causes of thrombocytopenia	1. Causes • Decreased platelet production • Increased platelet destruction	
2. Describes the clinical manifestations to include laboratory findings	2. Clinical Manifestations • Signs/Symptoms • Laboratory /Diagnostic Findings « Blood tests « Bone marrow aspiration biopsy	
3. Identifies common nursing diagnoses associated with thrombocytopenia.	3. Nursing diagnoses / problems common in patients with thrombocytopenia • Major complications	
4. Explains the components of care to include primary, secondary, and tertiary interventions.	4. Treatment Modalities: Based on Causative Factor(s) • Primary • Secondary • Tertiary	
5. Discusses the educational needs of an individual with a hemostasis problem.	5. Educational needs: focus on prevention of bleeding/hemorrhage to include injury prevention strategies.	

Unit Title: Blood Disorders (Cont'd)

Objectives	Content Outline	Student Activities
D. Discusses the care for an individual with polycythemia 1. Describes the similarities and differences between polycythemia vera and secondary polycythemia. 2. Explains the causes for polycythemia 3. Identifies the clinical manifestations/ diagnostic studies associated with polycythemia. 4. States common nursing diagnoses identified with polycythemia. 5. Discusses common treatment modalities used for polycythemia. 6. Explains educational needs of individuals with polycythemia.	D. Polycythemia 1. Polycythemia Vera vs. Secondary Polycythemia • Similarities • Differences 2. Causes of Polycythemia 3. Clinical Manifestations • Signs and Symptoms • Laboratory /Diagnostic studies 4. Nursing diagnoses / problems common in patients with polycythemia • Complications 5. Interprofessional collaboration /treatment modalities • Major goals of treatment • Primary / secondary / tertiary interventions 6. Educational Needs • Health promotion strategies • Medication therapy/teaching	

Unit Title: Blood Disorders (Cont'd)

Objectives	Content Outline	Student Activities
E. Discusses the care for an individual with Neutropenia 1. Identifies the causes of neutropenia 2. Describes the clinical manifestations / diagnostic studies 3. States common nursing diagnoses associated with neutropenia 4. Explains common practices which protect neutropenic patients 5. Discusses nursing/collaborative interventions used for neutropenic patients 6. Identifies areas of teaching which promote health and protect neutropenic patients	E. Neutropenia 1. Causes of Neutropenia • Medications • Various Disorders/ Infection 2. Clinical Manifestations • Signs and symptoms • Laboratory /diagnostic studies focus on early intervention 3. Nursing Diagnoses / problems associated with neutropenia • Complications 4. Protective Practices: • Constant evaluation of signs & symptoms of infection • CDC Recommendations 5. Interprofessional Collaboration: • Nursing management • Collaborative interventions « Primary Interventions « Secondary Interventions « Tertiary Interventions 6. Patient Teaching • Hygienic practices • Nutrition • Medication	

Unit Title: **Hematology**

Objectives	Content Outline	Student Activities
A. Identifies the nursing process in the care of individuals with problems of hemostasis, hemophilia, sickle cell crisis, and leukemia. 1. Describes the pathophysiology, etiologies, clinical manifestations, diagnostic findings, therapeutic, and nursing management for selected types of hematological disorders. 2. Describes the treatment modalities in caring for patients with hematological blood disorders. 3. States common nursing problems /complications associated with these hematological disorders.	A. General causes and characteristics of hematological disorders. 1. Pathophysiology, etiologies, clinical manifestations, diagnostic studies, therapeutic and nursing management for selected hematological disorders: • Sickle cell • Hemophilia • Von Willebrand's • Leukemia « Acute/ chronic lymphocytic leukemia « Acute/ chronic myelocytic leukemia • Lymphoma « Hodgkin's lymphoma « Non-Hodgkin's lymphoma 2. Interprofessional Collaboration/Tx Modalities • Chemotherapy • Radiation • Hematopoietic Stem Cell Transplantation (HSCT) • Biologic Response Modifiers 3. Nursing problems /complications • Nursing problems • Side effects of treatment modalities • Tumor Lysis Syndrome	**Required Readings:** **Hinkle & Cheever** Chapter 33 Sickle Cell: 935-941 Hemophilia/VW: 951-956 Chapter 34 Leukemia: 970-981 Lymphoma: 988-993 **McKinney**: Hemophilia/Von Wille brands: 1138-1142 Sickle Cell: 1129-1136 Leukemia: 1158-1164 Lymphoma: 1167-1170 Review cancer content from N113. Review drugs that affect the immune system, antineoplastic oncology drugs from N111

Unit Title: **Hematology (cont'd)**

Objectives	Content Outline	Student Activities
B. Identifies the educational needs of individuals with various hematological disorders.	B. Patient Teaching • Precipitating factors • Long term effects of treatment modalities • Major vs. minor problems • Home care vs. hospitalization • Age-appropriate care • Medications • Administration of replacement therapy • Nutrition • Follow-up care	
C. Discusses the special nursing considerations when caring for patients with hematological disorders. * Child * Adult * Elderly	C. Age-Appropriate Care • Child • Adult • Elderly	