

DigitalMed Course List  
July 2011

Topic Area	Course Title	Credits	Credit Type	Inactivation Date	Learning Objectives
Understanding Culture	Biological Variations	1.5	CNE	12/31/13	*Recognize the concept of biological variations; *Identify genetic variations as a result of environment; *Analyze physical appearance in the context of biological variation; *Identify variations in individual responses to external stimulus; *Specify the predominance of diseases in biological variation; *Identify nutritional differences as a result of biological variation; *Identify factors affecting mental health across cultures.
Understanding Culture	Communication and Culture	1.1	CNE	12/31/13	*Specify key elements of communication ; *Identify ways to establish rapport with patients; *Identify the role of interpreters in the healthcare setting; *Recognize different aspects of language; *Recognize nonverbal communication.
Understanding Culture	Diversity and the Diversity Practice Model	1	CNE	9/30/12	*Identify the role of diversity in the emergency department setting; *Specify and apply the Diversity Practice Model; *Apply a diversity assessment to the patient's plan of care.
Understanding Culture	Healthcare	1	CNE	12/31/13	*Identify the impact of cultural perspectives on healthcare; *Specify cultural awareness of the immigration experience; *Recognize ways to improve cultural competency in healthcare.
Understanding Culture	Space	1.7	CNE	12/31/13	*Identify basic concepts of space; *Recognize the ways in which space is perceived; *Identify the impact of culture upon personal space; *Specify cultural concepts of distance; *Recognize the impact of culture on body-related space; *Cite cultural territorial issues; *Specify how the manipulation of objects creates territory.
Cardiovascular Conditions	An Overview of Heart Failure (HF)	0.9	CNE	12/31/13	*Discuss heart failure (HF), its pathophysiology, classifications, and compensatory measures; *Identify key assessment and management techniques for HF signs and symptoms; *Describe nursing management of HF patients; *Describe the elements of discharge planning for HF patients.
Cardiovascular Conditions	Anatomy and Physiology of the Heart	1.3	CNE	12/31/13	*Identify the anatomical structures of the heart and explain how its parts work together to provide oxygenated blood to the body and itself; *Identify the location of the heart by identifying known boundaries, and describe the specialized properties of heart muscle; *Define the cardiac cycle, including the nervous systems influence; and measure cardiac output, and identify its components, including how to measure stroke volume and heart rate; *Discuss and describe the physiology of the hearts conduction system and all of its electrical conduction components including electrocardiograms (ECGs).
Cardiovascular Conditions	Assessment and Diagnosis of Hypertension	1.8	CNE	3/31/13	*Describe the assessment and diagnosis of hypertension; *Describe the medical treatment of hypertension; *Identify nursing diagnoses and related nursing interventions for hypertensive patients.
Cardiovascular Conditions	Assessment and Diagnostic Tests for Acute Myocardial Infarction	0.8	CNE	12/31/13	*Distinguish the pathophysiology of myocardial infarction (MI) and risk factors for this condition; *Identify the common clinical manifestations and diagnostic findings associated with a myocardial infarction.
Cardiovascular Conditions	Assessment of Electrocardiograms	1.4	CNE	9/30/12	*Describe the normal ECG complex and its components through use of an ECG strip; *Identify components of the PQRST complex and possible abnormalities; *Explain three methods of determining heart rate; *Describe the use of a 12-lead ECG, including patient preparation and ECG artifacts reduction.
Cardiovascular Conditions	Cardiac Rhythms and Dysrhythmias	1.5	CNE	3/31/13	*Describe and identify normal and abnormal sinus rhythms; *Describe and identify junctional rhythms; *Identify the causes, characteristics, and treatments of various atrial dysrhythmias; *Identify the causes, characteristics, and treatments of various ventricular dysrhythmias.
Cardiovascular Conditions	Cardiomyopathy	1.2	CNE	12/31/13	*The etiology, clinical manifestations, therapeutic management, and patient treatment goals of dilated cardiomyopathy; *The etiology, clinical manifestations, therapeutic management, and patient treatment goals of hypertrophic cardiomyopathy; *The etiology, clinical manifestations, therapeutic management, and patient treatment goals of restrictive cardiomyopathy.
Cardiovascular Conditions	Cardiovascular Alterations	0.8	CNE	6/30/12	*Identify and discuss first, second, and third degree atrioventricular (AV) block; *Describe absent rhythms, including ventricular arrest, agonal rhythms, and asystole rhythms; *Discuss the use of pacemakers, including structure, function, pacing modes, and common malfunctions.
Cardiovascular Conditions	Cardiovascular Pharmacotherapy	1	CNE	6/30/12	*Describe nursing management for patients undergoing cardiovascular pharmacotherapy; *Describe the uses for cardiovascular pharmacotherapy in the emergent setting; *Apply the appropriate algorithm to ensure that the proper cardiovascular pharmacotherapy interventions are utilized.
Cardiovascular Conditions	Coronary Artery Disease (CAD)	0.8	CNE	6/30/12	*Understand the pathophysiology of CAD; *Identify manifestations of angina; *Define myocardial infarction (MI) and associated symptoms; *Explain non-Q wave and Q wave MIs; *Understand the differences between ischemia and infarction; *Discuss the risk factors of CAD; *Assess patient history and pain profile; *Recognize and treat symptoms of angina; *Recognize acute coronary insufficiency.
Cardiovascular Conditions	Diagnosis and Treatment of CAD	1	CNE	6/30/12	*Identify five specific risk factors associated with the development of CAD; *Describe the pathophysiological changes associated with coronary atherosclerosis; *Identify the wide variety of clinical manifestations associated with the progressive development of CAD; *Identify the specific tests used to diagnose coronary artery disease (CAD); *Identify the key elements of nursing care for a patient with diagnosed CAD.
Cardiovascular Conditions	Heart Failure	1.2	CNE	12/31/11	*Discuss the significance, incidence, and etiology of congestive heart failure as a health problem in the United States; *Describe the physiology of cardiac failure; *Identify the clinical manifestations and diagnostic findings that are associated with each type of heart failure; *Identify common medical interventions used to treat the patient with congestive heart failure; *Define the three priority goals in nursing management of the patient with congestive heart failure.
Cardiovascular Conditions	Introduction to Bradycardia	1	CNE	12/31/13	*Recognize the two mechanisms of bradycardia; *Specify the diagnosis of bradycardia; *Identify interventions for bradycardia.

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Cardiovascular Conditions	Pacemaker Therapy	1.1	CNE	12/31/11	*Evaluate pacemaker therapy; *Recognize normal and abnormal pacemaker functions Assess pacemaker problems and troubleshoot.
Cardiovascular Conditions	Pathology and Etiology of Valvular Heart Disease	0.9	CNE	9/30/12	*Identify the locations and discuss the functions of the four heart valves; *Explain the pathology and etiology of valvular heart disease.
Cardiovascular Conditions	Pathophysiology of and Risk Factors for Hypertension	0.8	CNE	12/31/12	*Present an Overview and Definition of Hypertension; *Explain the Pathophysiology of Hypertension; *Identify the Risk Factors for Hypertension; *Describe the Types of Hypertension.
Cardiovascular Conditions	Signs and Symptoms of Valvular Heart Disease	1	CNE	9/30/12	*Recognize the pathophysiology and symptoms of valvular heart disease; *Identify the causes, symptoms, and signs of aortic valve disease; *Recognize physiologic effects of mitral, pulmonic, and tricuspid valve disease.
Cardiovascular Conditions	Sinus Tachydysrhythmia Management	1.7	CNE	12/31/13	*Describe the origin and dangers of tachydysrhythmias; *Describe features of sinus tachycardia; *Describe elements of atrial fibrillation and atrial flutter; *Describe pharmacotherapy and methods for controlling ventricular rate; *Describe pharmacotherapy and reestablishing normal sinus rhythm; *Discuss innovative therapies for controlling tachydysrhythmias; *Discuss supraventricular tachycardias (SVTs); *Describe radio frequency catheter ablation.
Cardiovascular Conditions	Treatment and Management of Acute Myocardial Infarction	0	none	12/31/11	*Discuss the common medical interventions used to treat the patient who has a myocardial infarction (MI); *Identify the complications commonly associated with an MI; *Describe the primary nursing interventions used to provide appropriate care for the patient post-MI.
Cardiovascular Conditions	Valvular Heart Disease	1.3	CNE	12/31/11	*Describe the signs and treatment of aortic stenosis; *Describe the signs and treatment of mitral stenosis; *Describe the signs and treatment of aortic insufficiency; *Describe the signs and treatment of mitral regurgitation; *Describe valve repair and replacement procedures.
Cardiovascular Conditions	Vascular Diseases	2	CNE	12/31/13	*Discuss the etiology, clinical manifestations, assessment, diagnostics, and nursing management of abdominal aortic aneurysm; *Describe the etiology, clinical manifestations, assessment, diagnostics, and nursing management of aortic dissection; *Understand the etiology, clinical manifestations, assessment, diagnostics, nursing management, and medical and surgical interventions of carotid artery disease; *Identify the etiology, clinical manifestations, assessment, diagnostics, nursing management, and medical and surgical interventions of peripheral occlusive disease; *Explain the etiology, clinical manifestations, assessment, diagnostics, and nursing management of thrombophlebitis.
Cardiovascular Conditions	Ventricular Tachycardia Management	1.1	CNE	6/30/12	*Identify pertinent diagnostic testing for patients with suspected ventricular tachycardia (V-Tach); *Describe outcomes and interventions for the patient with V-Tach; *Explain the nursing management of torsades de pointes (TdP); *Describe the pathophysiology, etiologies, and electrocardiogram (ECG) characteristics of ventricular fibrillation (V-Fib); *Identify the usage of implantable cardioversion devices.
Critical Care General Topics	Applied Hematologic and Immunologic Physiology	0.8	CNE	12/31/11	*Describe the blood, its components, and the function of each; *Delineate the clotting factors and the role they play in coagulation; *Describe the applied physiology of the immune system; *Differentiate between humoral and cell-mediated immunity.
Critical Care General Topics	Bleeding Disorders	0.9	CNE	6/30/12	*Identify the complications that may arise with bleeding disorders, including hypotension, hypovolemic shock, and low cardiac output; *Recognize the etiology and clinical manifestations of thrombocytopenic purpura; *List the three major interventions for immune thrombocytopenic purpura (ITP); *Identify the etiology and clinical manifestations of disseminated intravascular coagulation.
Critical Care General Topics	Blood Component Therapy	0.9	CNE	6/30/12	*Identify different types of blood component therapy; *Specify the process for safely administering blood component therapy; *Identify the various types of hemolytic and nonhemolytic transfusion reactions, their causes, and interventions appropriate for prevention and treatment. *Identify additional complications associated with transfusion therapy, their common signs and symptoms, and the usual treatment.
Critical Care General Topics	Common Hematologic Disorders	0.8	CNE	12/31/11	*Identify the types of red blood cell disorders, and define each; *Identify the types of white blood cell disorders, and define each; *List and define the three disorders of bone marrow failure, their clinical manifestations, and medical interventions.
Critical Care General Topics	HIV and Aids	0.9	CNE	12/31/13	*Distinguish HIV transmission and assessment; *List the most common opportunistic infections and their primary symptoms; *Apply your knowledge of HIV treatment through a case study; *Plan management strategies for the HIV virus; *Identify the significance, etiology, and pathology of the HIV virus.
Critical Care General Topics	Hyperthermia	1.1	CNE	12/31/11	*Identify the basic mechanisms of thermoregulation and hyperthermia; *Recognize the management of heatstroke; *Recognize expected findings in the assessment of secondary hyperthermia.
Critical Care General Topics	Hypothermia	1.7	CNE	12/31/11	*Recognize the body's means of thermoregulation; *Specify the pathophysiology of hypothermia; *Assess the levels of hypothermia; *Recognize the assessment of patients with hypothermia; *Identify the standard interventions for patients with hypothermia.
Endocrine Conditions	Applied Endocrine Physiology	1.1	CNE	12/31/13	*Identify the structure and function of endocrine glands and hormones; *Identify the structure and function of the hypothalamus, pituitary gland, thyroid gland, and parathyroid gland; *Differentiate the function of the pancreas, adrenal cortex, adrenal medulla, and reproductive glands; *List categories of pathology and feedback loops in the endocrine system.
Endocrine Conditions	Diabetes Insipidus and Syndrome of Inappropriate Antidiuretic Hormone Secretion	0	none	12/31/13	*Specify the pathophysiology of DI; *Identify the management of DI; *Recognize the pathophysiology of SIADH; *Define the management of SIADH.

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Endocrine Conditions	Diabetic Ketoacidosis and Hyperglycemic Hyperosmolar Nonketotic Syndrome	0.8	CNE	12/31/13	*Understand the causes, recognize the symptoms, and effectively manage DKA; *Understand the causes, recognize the symptoms, and effectively manage HHNS.
Endocrine Conditions	Endocrine Assessment	1.1	CNE	12/31/13	*Identify specific components of a health history and clinical manifestations of other systems that may indicate endocrine dysfunction; *Identify key components of a physical examination specific to the assessment of the endocrine system and the normal variations associated with aging; *Identify commonly ordered tests used to identify concerns related to pituitary, thyroid, and parathyroid functions; *Identify the tests used to identify concerns related to pancreatic and adrenal functions.
Endocrine Conditions	Medical Treatment of Hyperthyroidism	1	CNE	3/31/13	*Describe the medical treatment of hyperthyroidism; *Discuss the possible nursing diagnoses and interventions for hyperthyroidism.
Endocrine Conditions	The Hypoglycemic Episode	1.1	CNE	12/31/13	*Recognize the pathophysiology of hypoglycemia; *Identify the manifestations of hypoglycemia; *Specify the diagnosis of hypoglycemia; Identify interventions for hypoglycemia.
Endocrine Conditions	Thyroid Abnormalities	0.6	CNE	3/31/13	*Discuss normal anatomy and physiology of the thyroid gland; *Describe the etiology of hyperthyroidism; *Identify the usual history, assessment, and laboratory tests for the thyroid patient.
Endocrine Conditions	Thyroid Dysfunction	0.9	CNE	12/31/13	*Specify thyroid physiology; *Recognize hyperthyroidism; *Distinguish thyrotoxic crisis; *Recognize hypothyroidism; *Distinguish myxedema coma.
Gastrointestinal Conditions	Abnormal Gastrointestinal Assessment Findings	0	none	12/31/12	*Define and identify causes of gastritis, peptic ulcers, and perforated ulcers; *Identify the symptoms of gastroenteritis and inflammatory bowel disease (IBD) as well as the interventions for these conditions; *Identify the symptoms of and interventions for intestinal obstruction and peritonitis.
Gastrointestinal Conditions	Acute Abdomen	1.1	CNE	12/31/13	*Recognize the anatomy, pathophysiology, and nursing care of patients with an acute abdomen; *Specify clinical management, differential diagnoses, surgical procedures, and perioperative care for patients with an acute abdomen; *Recognize how diagnosis and treatment of the acute abdomen differ in immunosuppressed patients, pregnant women, and other special populations.
Gastrointestinal Conditions	Acute Pancreatitis	0	CNE	12/31/12	*Identify the etiology and pathophysiology of pancreatitis; *Identify the clinical manifestations of pancreatitis and the goals for its management.
Gastrointestinal Conditions	Adult Liver Transplant	1.7	CNE	12/31/12	*Identify the basic anatomic and physiologic structure of the liver; *Classify the conditions that can necessitate a liver transplant; *Describe how the liver is donated and transplanted; *Specify postoperative complications and nursing implications associated with a liver transplant; *Recognize psychosocial and education issues that can affect the liver transplant patient.
Gastrointestinal Conditions	Assessment of the Gastrointestinal System	0.9	CNE	6/30/13	*Explain the systematic approach to gastrointestinal assessment; *Discuss the components of the patient history; *Describe the physical examination and diagnostic procedures used with the gastrointestinal evaluation.
Gastrointestinal Conditions	Bleeding in the Lower Gastrointestinal Tract	0.6	CNE	12/31/11	*Describe the sources of lower GI bleeding and discuss their clinical manifestations and the nursing interventions used to treat them; *Discuss nursing interventions associated with lower GI bleeding, including: fluid volume deficit, decreased tissue perfusion, and coagulation defects.
Gastrointestinal Conditions	Care of the Patient With Gallbladder Disease	1.3	CNE	12/31/13	*Describe the anatomy and function of the gallbladder; *Discuss various diseases associated with the gallbladder; *Identify common complications associated with gallbladder disease; *Describe diagnostic tests used to assess biliary tract problems; *Discuss treatment options for gallbladder and gallstone removal.
Gastrointestinal Conditions	Digestive Hormones and Enzymes	0.8	CNE	6/30/13	*Identify gastrin; *Identify enterogastrone; *Identify secretin; *Identify cholecystokinin; *Identify GIP (gastric inhibitory peptide); *Identify VIP (vasoactive intestinal peptide); *Identify motilin; *Identify somatostatin; *Differentiate the location, stimulus, and action of the eight digestive hormones; *Identify digestive enzymes and substances secreted by the salivary glands; *Identify digestive enzymes and substances secreted by the stomach; *Recognize digestive enzymes and substances secreted by the pancreas; *Recognize digestive substances from the liver and gallbladder; *Recognize digestive enzymes and substances in the small and large intestine.
Gastrointestinal Conditions	Gastrointestinal Cancers	2.3	CNE	6/30/13	*Identify the properties of esophageal cancer; *Identify the properties of gastric cancer; *Identify the properties of colorectal cancer; *Identify the properties of cancer of the liver, bile ducts, and pancreas; *Identify some nursing interventions for critically ill patients who have gastrointestinal (GI) cancer.
Gastrointestinal Conditions	GI Anatomy and Physiology	0.9	CNE	6/30/13	*Name the organs involved in digestion; *Name the functions of the digestive structures; *Describe blood supply and innervation in the GI system.
Gastrointestinal Conditions	Hepatic Failure	0.8	CNE	6/30/13	*Describe the etiology and pathophysiology associated with hepatic failure; *Identify the common clinical manifestations associated with hepatic failure; *Identify lab tests, interventions, and treatment for hepatic failure.
Gastrointestinal Conditions	Hepatitis	0.9	CNE	12/31/12	*Identify types and manifestations of viral hepatitis; *Recognize the presentations of viral hepatitis; *Identify nursing actions and assessments.
Gastrointestinal Conditions	Nutrition in the Critically Ill Patient	0.8	CNE	12/31/11	*Specify how illness and injury alter the body's need for energy; *Identify specific assessment findings that determine nutritional status; *Identify the indications, procedures, management, and complications associated with patients receiving enteral and parenteral nutrition.
Gastrointestinal Conditions	Upper Gastrointestinal Bleeding	1.1	CNE	12/31/11	*Identify the etiology, pathophysiology, and epidemiology of upper GI bleeding; *Specify the clinical manifestations of upper GI bleeding; *Specify the diagnostic tests for upper GI bleeding; *Define collaborative management of upper GI bleeding; *Evaluate definitive management of upper GI bleeding; *Identify a case study of upper GI bleeding.

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Physical Assessment	Abdominal Assessment	1.8	CNE	9/30/12	*Review the anatomy and physiology of the abdomen and identify the organs of the digest, urinary, and reproductive systems in the abdominal cavity; *Obtain a health history and recognize possible risk factors and other information important to the abdominal assessment, as well as identify the equipment used during an abdominal assessment; *Learn inspection techniques for an abdominal assessment, and differentiate between normal and normal abdominal skin assessments, then document the findings; *Learn the importance of auscultation and percussion in an abdominal assessment, and differentiate between normal and abnormal findings; *Perform screening tests for CVA tenderness and the Fluid Wave and Shifting Dullness tests; *Describe proper palpation techniques used in an abdominal assessment, and identify the situations when special screening tests are used and consider abdominal variations in children and the elderly.
Physical Assessment	Assessment of Eyes and Vision	1.5	CNE	6/30/12	*Analyze the anatomy and physiology of the eye that are key to the assessment of the special senses; *Identify the relevant parts of the health history that are important when assessing the eye, and recognize all the tests used to assess visual acuity; *Identify the structures of the exterior eye, and differentiate between normal and abnormal assessment findings. Assess the anterior and posterior structures of the eye and specify proper documentation of your eye assessment.
Physical Assessment	Assessment of the Ears, Nose, Mouth and Throat	2.5	CNE	9/30/12	*Identify the anatomy and physiology of the external, middle, and inner ear; *Begin an assessment of the ear, and learn proper technique for using an otoscope; *Assess hearing function and identify abnormalities; *Assess the nose using appropriate inspection and palpation techniques; *Assess the mouth and differentiate between normal and abnormal findings; *Assess the structures of the throat and consider variations in findings amongst the elderly and infants.
Physical Assessment	Assessment of the Head, Neck, and Lymphatic System	1.4	CNE	6/30/12	*Identify the anatomy of the face and skull and assessment techniques used in the inspection of the skull, head, scalp, and hair; *Identify the important anatomical structures of the neck, including the lymphatic system through inspection and palpation techniques, and also recognize clues from health assessments that may need further investigation; *Assess the lymph nodes, thyroid, and trachea, and identify clues from a client's health history that could indicate potential problems.
Physical Assessment	Assessment of the Integumentary System	1.9	CNE	6/30/12	*Determine the three basic parts of a health history that are important when assessing the integumentary system, and identify the anatomy and physiology of the skin; *Assess the differences in skin color due to pallor, erythema, cyanosis, and jaundice, and determine patterns of bruising, as well as assess skin temperature, moisture, texture, and turgor; *Assess the variables of lesions including color, size, elevation, distribution, shape, and exudates, and identify the different types of lesions and differentiate between normal and abnormal lesions; *Differentiate between malignant and nonmalignant skin tumors, and identify the four stages of pressure ulcers, also assess and identify skin abnormalities; *Identify the types of hair and causes of hair loss, and learn inspection and palpation techniques necessary for an integumentary assessment; *Recognize abnormal nail shapes and assess nail color and consistency.
Physical Assessment	Assessment of the Lungs and Thorax	1.6	CNE	9/30/12	*Identify the anatomical landmarks of the respiratory system and the physiology crucial for assessment of this system, as well as define the phases of respiration; *Work with a case study to learn the importance of taking a complete health history during a respiratory assessment, and differentiate between normal and abnormal findings; *Describe the techniques used in palpation and recognize anatomical and physiological variations in the pediatric and geriatric populations; *Apply percussion techniques to your physical assessment of virtual patient J.P.; *Apply auscultation techniques on virtual patient J.P. and distinguish and identify adventitious lung sounds.
Physical Assessment	Assessment of the Female Breast and Genitalia	2	CNE	6/30/13	*Identify the surface and internal anatomical structures of the breasts; *Conduct an assessment of the breasts; *Identify the anatomy and physiology of the female genitalia, and inspect and palpate the structures; *Perform an internal examination of female genitalia.
Physical Assessment	Cardiovascular Assessment	1.8	CNE	9/30/12	*Review the anatomy and physiology of the cardiovascular system; *Begin the cardiovascular assessment by taking a thorough health history including complaints, past medical history, family history and social history; *Demonstrate the appropriate techniques used to inspect and palpate the cardiovascular system during a physical assessment; *Demonstrate the appropriate auscultation techniques in an assessment of the cardiovascular systemsheet 2.
Physical Assessment	Health Assessment of Anus, Rectum and Prostate	0.8	CNE	6/30/13	*Identify the anatomical and physiological structures of the anus, rectum, and prostate; *Assess the Anus and Rectum; *Perform a physical examination of the anorectal structures.
Physical Assessment	Health Assessment of Male Genitalia	1.2	CNE	9/30/12	*Identify the anatomy and physiology of the male reproductive system; *Assess the male reproductive systemInspect and palpate the scrotum and lymph nodes.
Physical Assessment	Introduction to Health Assessment	1.2	CNE	12/31/12	*Define and discuss the use of health assessment in the nursing process and understand the importance of the nurse as observer; *Identify the four principles of a health assessment, and the three Cs of collecting information, and learn how to build relationships with your patients and identify your own personal biases and value judgments that sometimes inhibit objectivity; *Understand the Dos and Donts of effective and therapeutic communication.
Physical Assessment	Musculoskeletal Assessment	2	CNE	9/30/12	*Analyze the anatomy and physiology that are important to an assessment of the musculoskeletal system; *Relate client history that is critical to the musculoskeletal systemLearn the techniques employed in a physical examination of the musculoskeletal system; *Assess the anatomical structures of the cervical spine and shoulder; *Identify the anatomical structures of the elbow, hand, and wrist and assess for strength and range of motion (ROM); *Identify the anatomical structures of the hip, knee, ankle, and foot, and assess for strength and range of motion (ROM).

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Physical Assessment	Neurological System Assessment	2.1	CNE	9/30/12	*Review the anatomy and physiology of the neurological system; *Relate the importance of obtaining an accurate and thorough health history, and consider neurological variations in infants, children, elderly, and pregnant women and assess cognitive function; *Assess the cranial nerves and differentiate between abnormal and normal findings in sensory and motor functions; *Evaluate coordination and motor skills through proprioception and cerebellar functioning; *Assess peripheral nerves for sensory discrimination and function, and assess cortical sensory function, as well as identify the screening tests used to assess deep tendon and superficial reflexes.
Physical Assessment	Nutritional Assessment	1.7	CNE	12/31/12	*Determine expected client findings and differentiate between normal and abnormal findings in a nutritional assessment and analyze a food diary with a computerized nutrition analysis program; *Examine a patient's health history and find connections between nutrition and medication in a nutritional assessment; *Differentiate between abnormal and normal findings in a nutritional assessment and examine the relationship between psychosocial history and nutrition; *Understand the importance of a health history in a nutritional assessment and the use of anthropometrics; *Identify the nutritional variations that exist amongst different age groups and ethnicities.
Physical Assessment	Psychosocial Assessment	1.4	CNE	6/30/13	*Identify, understand, and apply criteria and terms associated with a psychosocial assessment; *Obtain information about sexual history, sexuality, and provide information regarding sexual issues.; *Understand Erickson's developmental theory and assess a patient's personal development; *Recognize various cultural, religious, and spiritual beliefs, and identify appropriate assessment questions that are sensitive to these issues.
Renal Conditions	Acute Renal Failure	1.6	CNE	12/31/13	*Differentiate three types of renal failure; *Distinguish three phases of ARF; *Identify clinical manifestations of ARF; *Identify key components of the assessment for ARF; *Specify treatment of ARF; *Specify continuous renal replacement therapy (CRRT).
Renal Conditions	Assessment of Acute Renal Failure	1	CNE	12/31/13	*To assess patients with acute renal failure (ARF), first gather information about their health history. Then assess patients for clinical manifestations in the many body systems, regardless of the cause of renal failure. There are three types of diagnostic testing to undertake when assessing acute renal failure (ARF): altered urine chemistry levels, clearance tests, and laboratory studies; *Recognize appropriate interventions to use with ARF patients.
Renal Conditions	Chronic Renal Failure: Common Causes & Renal Osteodystrophy	1	CNE	12/31/13	*Describe glomerulonephritis; *Describe how hypertension affects the kidneys; *Identify congenital anomalies that contribute to chronic renal failure; *Recognize the manifestations of renal osteodystrophy; *Describe calcium and phosphate metabolism; *Inspect the causes and effects of calcium and phosphate imbalance; *Administer treatment for renal osteodystrophy.
Renal Conditions	Chronic Renal Failure: Vascular Diseases of the Kidney	1.2	CNE	12/31/13	*Describe Wegener's granulomatosis; *Describe scleroderma; *Describe hemolytic uremic syndrome (HUS); *Identify the signs of volume overload and depletion in patients with chronic renal failure (CRF); *Recognize the signs of electrolyte imbalance and acid-base imbalance in patients with CRF; *Identify the clinical manifestations of CRF in physiological systems.
Renal Conditions	Clinical Manifestations of Chronic Renal Failure	0.8	CNE	12/31/13	*Describe fluid volume manifestations in CRF patients; *Describe the manifestations of electrolyte imbalance in CRF patients; *Describe how the different physiologic systems manifest the illness in CRF patients.
Renal Conditions	Kidney Anatomy and Renal Failure	0.8	CNE	12/31/13	*Distinguish the anatomy and physiology of the kidney and kidney failure; *Identify the causes of acute and chronic renal failure; *Differentiate the causes of chronic renal failure.
Renal Conditions	Nursing Diagnosis and Assessment of the Patient with Kidney Disease	1.5	CNE	12/31/13	*Recognize interventions and outcomes for fluid and electrolyte management during fluid volume excess; *Recognize interventions and outcomes for peritoneal dialysis therapy; *Recognize interventions and outcomes for fluid management of the altered urinary elimination patient; *Recognize interventions and outcomes for nutritional management; *Recognize interventions and outcomes for knowledge deficit; *Identify renal failure in a cardiac patient; *Distinguish renal trouble in a hysterectomy patient; *Assess renal failure in a patient manifesting respiratory symptoms; *Distinguish renal failure in a fatigued patient.
Renal Conditions	Renal Anatomy and Physiology	0.9	CNE	12/31/13	*Identify the anatomic structures of the kidneys; *Explain the function of nephrons and the juxtaglomerular apparatus; *Describe glomerular filtration and tubular reabsorption and secretion.
Respiratory Conditions	Acid-Base Balance and Oxygenation	1.1	CNE	9/30/12	*Identify normal adult values for blood gases and the mechanisms used to maintain stable blood pH; *Identify causes, compensatory mechanisms, and management of acid-base disorders; *Identify oxygen saturation (SaO2) and its correlation with partial pressure of oxygen (PaO2); *Identify the causes, manifestation, and management of tissue hypoxia.
Respiratory Conditions	Acute Respiratory Distress Syndrome (ARDS)	0.5	CNE	12/31/13	*Identify the common etiologies, pathophysiology, diagnostic tools, and nursing interventions of acute respiratory distress syndrome (ARDS).
Respiratory Conditions	Acute Respiratory Failure	0.8	CNE	12/31/13	*Identify the etiologies and pathophysiologies of Type I and Type II ARF; *Describe the clinical manifestations, diagnostic findings, and therapeutic management of ARF.
Respiratory Conditions	Anatomy and Physiology of the Pulmonary System	1.1	CNE	12/31/13	*Identify the pulmonary system's major components and the function of each component; *Describe the mechanics of breathing and of gas exchange; *Identify the causes, clinical manifestations, and therapeutic management of hypoxemia.
Respiratory Conditions	Asthma	0.9	CNE	12/31/11	*Discuss the significance and pathophysiology of asthma; *Identify the key components utilized in the definitive diagnosis of asthma; *Describe the types of medical interventions used in the ongoing and acute treatment of asthma; *Articulate the goals and objectives of nursing care for the asthmatic patient.

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Respiratory Conditions	Chronic Obstructive Pulmonary Disease	0.9	CNE	6/30/13	*Identify precipitating factors that contribute to chronic obstructive pulmonary disease (COPD); *Specify common clinical manifestations and diagnostic findings in the COPD patient; *Cite the principal goals of medical management of the COPD patient; *Name the key elements of assessment and nursing intervention for the COPD patient.
Respiratory Conditions	Introduction to Pneumonia	1.3	CNE	6/30/13	*Recognize the significance of pneumonia among hospitalized patients as a significant cause of increased mortality and morbidity; *Identify each of the major components of the pulmonary system and their function; *Specify the pathophysiology of pneumonia; *Identify the specific etiologies of pneumonia; *Identify the common clinical manifestations found in the patient with pneumonia.
Respiratory Conditions	Management of Patients With Pneumonia	0.5	CNE	6/30/13	*Identify the primary medical therapies used to treat pneumonia in the hospitalized patient; *Specify the key components in the nursing management of the patient with pneumonia.
Respiratory Conditions	Pulmonary Aspiration	1.9	CNE	6/30/12	*Recognize the anatomy and physiology of a patient with pulmonary aspiration; *Identify the clinical picture of a patient with pneumonia caused by pulmonary aspiration; *Recognize the appropriate diagnostic tests and abnormal values for the patient with pulmonary aspiration; *Evaluate the effectiveness of airway management in the patient with pulmonary aspiration; *Recognize pertinent medication information regarding indications, actions, dosage parameters, contraindications, and side effects; *Determine educational content appropriate for the patient and family.
Respiratory Conditions	Pulmonary Edema and Acute Respiratory Distress Syndrome (ARDS)	1.1	CNE	12/31/13	*Specify the etiologies and manifestations of pulmonary edema; *Identify pulmonary edema management strategies; *Recognize the pathophysiology of ARDS; *Specify complications and clinical interventions for ARDS.
Respiratory Conditions	Pulmonary Emergencies	1.3	CNE	12/31/13	*Recognize the pathophysiology of pulmonary embolism; *Identify the clinical manifestations of pulmonary embolism; *Identify the diagnostic tests used to identify pulmonary embolism; *Specify the therapeutic management of pulmonary embolism; *Identify the care of a patient with pulmonary embolism through use of a case study; *Identify common disorders that produce chest trauma; *Recognize clinical implications of pneumothorax.
Respiratory Conditions	Ventilation Complications and Nursing Care	0.8	CNE	12/31/11	*Recognize the complications that are associated with oxygen therapy, such as oxygen toxicity; *Identify the complications associated with mechanical ventilation; *Identify the critical care nurses priorities when caring for an artificial airway.
Respiratory Conditions	Ventilation Technology and Oxygen Therapy	1.1	CNE	12/31/11	*Explain the goals and indications of oxygen therapy as well as measurement devices used in this therapy; *Identify the three methods of oxygen delivery; *Explore ventilatory technologies such as nasopharyngeal and oropharyngeal airways and endotracheal and tracheostomy tubes; *Understand the modes and variables associated with mechanical ventilation.
Stroke	Management of Neurologic Alterations	1.1	CNE	6/30/12	*Explain the attributes, assessments, and interventions for cerebral vascular accidents; *Discuss subarachnoid hemorrhages and their complications.
Stroke	Stroke Characteristics	1	CNE	12/31/13	*Identify the etiology of strokes; *Recognize the manifestations of stroke; *Specify diagnostic testing for stroke.
Stroke	Treatment for Stroke Patients	1	CNE	6/30/12	*Identify interventions commonly used for the patient who has suffered a stroke; *Describe complications associated with stroke patients with subarachnoid hemorrhage (SAH); *Explain the essential components of nursing care for a stroke patient.
Nursing Leadership	Assessing Job Performance	0.8	CNE	12/31/13	*Define the principles of effective feedback and be able to explain their role in performance appraisal; *Identify guidelines for effective evaluation and demonstrate an ability to apply these guidelines in practice scenarios; *Identify useful steps in correcting job performance issues.
Nursing Leadership	Leadership and Management	0.8	CNE	6/30/12	*Compare and contrast organizational theories and obtain an understanding of their implications; *Analyze the structure and relationships of an organization via an organizational chart; *Examine how the structure of an organization facilitates or impedes communication, flexibility, and job satisfaction.
Nursing Leadership	Leadership Skills	1.4	CNE	6/30/12	*Examine the different types of power that leaders use, and identify the importance of power as a tool for leaders; *Compare and contrast the various levels of management and explore some of the interrelationships between the practice of nursing and the practice of management; *Define leadership and compare and contrast different leadership theories; *Differentiate the roles of management and leadership, and discuss leadership skills and ways to become a more effective leader; *Describe and differentiate between delegation and work allocation, and discuss the benefits as well as the difficulties associated with delegation.
Nursing Leadership	Team Building and Problem Solving	0.9	CNE	12/31/13	*Apply different strategies for team building; *Specify the seven-step problem-solving method.
Teaching and Precepting	Introduction to Precepting	1	CNE	12/31/13	*Identify the preceptor's responsibilities in fulfilling the goals of a preceptor program; *Identify strategies to resolve the challenges in the precepting process.
Teaching and Precepting	Precepting and Communication	0.8	CNE	12/31/13	*Identify the two basic modes of communication; *Differentiate how cultural differences and communication styles can affect communication; *Analyze effective communication.
Teaching and Precepting	Teaching	0.9	CNE	12/31/13	*Identify characteristics of adult learners; *Distinguish different styles of learning; *Identify effective teaching techniques; *Specify the preceptor teaching process.
Cardiac Assessment and ECG	Abnormal Heart Rhythms	1	CNE	9/30/12	*Identify risk factors, causes, and pathophysiologies of irregular heart rhythms; *Define and identify types of irregular heart rhythms, clinical manifestations, and treatments.

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Cardiac Assessment and ECG	Cardiovascular Status Assessment	0.9	CNE	6/30/12	*Understand how to gather a health history when assessing CV status; *Recognize the signs and symptoms of CV disease.
Cardiac Assessment and ECG	Chest Pain Examination and Assessment	1	CNE	12/31/13	*Identify the key components of the physical assessment of a patient with chest pain.
Cardiac Assessment and ECG	ECG Lead Systems, Complications, and Nursing Interventions	1.2	CNE	6/30/12	*Discuss ECG lead systems, including three, five, twelve, and eighteen lead systems; *Recognize three types of heart complications: ischemia, injury, and infarct, and the role of the ECG in the discovery and recognition of these complications; *Understand that determining the axis of the heart will be helpful in differentiating between ventricular ectopy and aberrant cardiac rhythms, as well as the severity of a bundle branch block; *Explore hypertrophy and its effect on ECG interpretation; *Discuss cardiopulmonary arrest, near-death experiences, and the nursing interventions that can be helpful to patients who have these experiences.
Cardiac Assessment and ECG	Electrocardiogram Assessment	1.2	CNE	12/31/13	*Specify the relationship of the electrocardiogram to the conduction system of the heart; *Recognize sinus dysrhythmias; *Identify atrial dysrhythmias; *Specify junctional dysrhythmias; *Define atrioventricular (AV) heart blocks; *Distinguish ventricular dysrhythmias.
Cardiac Assessment and ECG	Measurement, Determinants, and Manipulation of Cardiac Output	1.1	CNE	6/30/12	*Relate key variables to cardiac output (CO) assessment, and identify the determinants of CO; *Discuss how preload contributes to CO, and describe how it is measured; *Apply how afterload contributes to CO, and explain how it is measured; *Relate how contractility contributes to CO, and describe the relationship between left ventricular function and CO; *Explain the effects on CO of stimulating and blocking sympathetic nervous system (SNS) receptors.
Cardiac Assessment and ECG	Physical Exam: Examination of the Heart	0.9	CNE	6/30/13	*Identify the clinical reference points that aid in chest examination, and the specific areas used in an examination of the chest; *Describe the location and characteristics of the apical pulse; *Describe the pattern of normal first (S1) and second (S2) heart sounds; *Describe ventricular (S3) gallop and atrial (S4) gallop sounds; *Identify the characteristics of heart murmurs and a pericardial friction rub.
Cardiac Assessment and ECG	Physical Exam: Inspection, Palpation, and Auscultation for CV Assessment	0.9	CNE	6/30/12	*Specify the procedures concerning central venous pressure (CVP) and jugular vein distension (JVD); *Identify and assess problems associated with CV-related conditions such as thrombophlebitis and skin disorders; *Specify procedures concerning arterial pulse and blood pressure; *Identify the inspection points in a physical assessment for CV status.
Cardiac Assessment and ECG	Sources of Nonspecific Chest Pain	0.7	CNE	12/31/12	*Identify the possible sources of cardiac chest pain; *Describe potential sources of pulmonary chest pain; *Differentiate between additional systemic sources of chest pain.
Cardiovascular Conditions	Cardiovascular Technologies	1.1	CNE	12/31/11	*Recognize the pacemaker system; *Analyze pacemaker routes, classification, and complications; *Distinguish the implantable cardioverter defibrillator; *Assess the mechanical circulatory devices, specifically the intra-aortic balloon pump; *Differentiate other mechanical circulatory device -- the ventricular assist device.
Cardiovascular Conditions	Heart Disease and Treatment Options	1.5	CNE	6/30/12	*Identify the purpose of heart valves and the characteristics of various heart murmurs; *Identify specific valve problems; *Recognize the management of valvular disease; *Specify the coronary artery bypass graft surgery; *Identify the new techniques in cardiac surgery; *Identify nursing assessment and postoperative management.
Cardiovascular Conditions	Shock	1.6	CNE	12/31/11	*Describe the etiology, pathophysiology, and clinical manifestations of shock states; *Compare and contrast the healthcare management of different types of shock; *Understand the types of Hypovolemic Shock and its ramifications; *Discuss fluid replacements and the guidelines for their administration; *Describe the causes, pathophysiology, and management of cardiogenic shock; *Discuss one of the three types of distributive shock: anaphylactic; *Understand the other two types of distributive shock: septic and neurogenic.
Critical Care General Topics	Agitation in the Critically Ill	2.2	CNE	12/31/13	*Identify the assessment of mental status; *Recognize key aspects of delirium; *Recognize key aspects of dementia; *Specify the management of pain in the critical care patient; *Identify the effects of environmental stimulation on the patient; *Recognize psychological disorders; *Specify the management of alcohol withdrawal syndrome.
Critical Care General Topics	Applied Nervous System Physiology	0.8	CNE	12/31/11	*Identify structures of the cranium and meninges; *Explain the functions of the cerebrum, cerebellum, and brainstem; *Describe the formation, function, and circulation of the cerebrospinal fluid; *Explain the components and function of cerebrovascular circulation and cranial nerves.
Critical Care General Topics	Cultural Awareness and Education in Critical Care Nursing	0.9	CNE	12/31/13	*Specify the facilitation of culturally competent care; *Specify the patient education process; *Identify the role of the critical care clinician; *Identify the clinical management of stress in the critical care setting.
Critical Care General Topics	Ethical and Legal Concepts in Critical Care Nursing	1.2	CNE	12/31/13	*Recognize ethical principles used in healthcare-related decision making; *Specify the decision-making process involving the allocation of scarce resources; *Recognize legal issues in critical care nursing; *Specify how tort law affects critical care nursing; *Identify issues concerning consent for medical treatment.
Critical Care General Topics	General Population Emergencies	1.6	CNE	12/31/11	*Identify the anatomical and physiological differences between pediatric and adult populations; *Determine the differences in the pulmonary system between pediatric and adult populations; *Identify obstetrical emergencies and nursing interventions; *Examine the pulmonary and hematological changes occurring during pregnancy; *Discuss the implications of the geriatric population on the healthcare system.
Critical Care General Topics	Hemodynamic Monitoring: Pulmonary Artery	1	CNE	12/31/13	*Discover another approach to hemodynamic monitoring: pulmonary artery monitoring; *Understand nursing management for PA monitoring as well as the signs and symptoms of the PA-monitored patient; *Understand derived parameters from calculating heart rate, blood pressure, PA pressures, and cardiac output; *Explore central venous oxygen saturation monitoring (SvO2).

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Critical Care General Topics	Intra-Arterial Hemodynamic Monitoring	1	CNE	12/31/11	*Define and discuss hemodynamics and hemodynamic monitoring; *Define and discuss intra-arterial blood pressure monitoring; *Evaluate the nursing management of arterial monitoring, central venous pressure monitoring, and waveform analysis; *Identify the different measurements that can be obtained through pulmonary artery monitoring.
Critical Care General Topics	Intracranial Pressure Monitoring	0.8	CNE	12/31/11	*Define and discuss intracranial pressure monitoring; *Understand three principles that govern the pathophysiology of increased intracranial pressure; *Explore the indications and contraindications for ICP monitoring; *Discuss ICP monitoring devices and their advantages and disadvantages.
Critical Care General Topics	Multiple Organ Dysfunction Syndrome (MODS) and Disseminated Intravascular Coagulation (DIC)	2.1	CNE	12/31/13	*Specify the pathophysiology of MODS; *Specify the role of mediators in SIRS; *Specify pathological changes that occur when SIRS is uncontained; *Recognize pulmonary and liver dysfunction in MODS; *Recognize gastrointestinal and renal dysfunction in MODS; *Recognize cardiovascular and coagulation system dysfunction in MODS; *Identify the nursing management of MODS; *Recognize the pathophysiology of DIC; *Identify the clinical manifestations and management of DIC.
Critical Care General Topics	Nursing Strategies for Patient and Family Support During Critical Care	1.9	CNE	12/31/13	*Analyze crisis theory; *Specify interventions for patient stress; *Identify interventions for patients experiencing grief and loss; *Identify interventions for end-of-life care; *Specify how to deliver bad news to the patient and family.
Critical Care General Topics	Seizures	1	CNE	12/31/11	*Define a seizure and its categories, phases, and possible etiologies; *Describe partial and generalized seizures; *Describe metabolic, toxin-induced, and status epilepticus seizures; *Identify appropriate patient interventions through the steps of a seizure episode.
Critical Care General Topics	Sleep Alterations in Critical Care	2.1	CNE	12/31/11	*Identify the stages of sleep; *Recognize physiologic responses during sleep in patients with critical illness; *Recognize factors that alter sleep patterns in the critical care patient; *Recognize outcomes of altered sleep patterns; *Identify nursing interventions to reduce altered sleep patterns in the critical care patient; *Recognize sleep apnea as a cause of sleep disturbance in the critical care patient.
Critical Care General Topics	The Impact of Critical Illness on the Family	1	CNE	12/31/13	*Specify the assessment of the family of the critically ill patient; *Identify the effects of stress on the family of the critically ill patient; *Identify interventions to meet the needs of family members during critical illness; *Analyze the family presence movement.
Critical Care General Topics	Transplants, Overdose, and Burns	1.5	CNE	12/31/13	*Determine appropriate nursing care (including various forms of therapy) to transplant patients; *List indications and criteria for different types of lung transplants; *List indications and criteria for liver, kidney, and pancreas transplants; *Recognize the management of common overdoses; *Recognize the etiology and pathophysiology of a burn injury; *Analyze the classification of a burn injury according to depth and size; *Determine the emergency and acute care management for burn injuries; *Evaluate the procedure for organ donation.
Critical Care General Topics	Treatment Strategies for Agitation in the Critically Ill	1.8	CNE	12/31/13	*Identify interventions for presenting symptoms of agitation; *Specify the use of antipsychotic medications; *Recognize adverse side effects of antipsychotics; *Specify pharmacotherapy using benzodiazepines; *Specify treatment using central alpha-adrenergic agonists; *List interventions for sleep disorders; *Identify nonpharmacological interventions for agitation.
Emergency Department Basics	Abdominal, Genitourinary (GU), Limb, and Vascular Injuries	1.1	CNE	12/31/11	*Discuss intervention and preservation techniques associated with amputations; *Identify the assessments, interventions, types, and complications of selected vascular injuries; *Identify the different abdominal injuries and assessment techniques; *Examine the injuries to the abdominal organs and consider their complications.
Emergency Department Basics	Brain Tumors and Brain Injuries	0.9	CNE	12/31/11	*Recognize the incidence, etiology, pathophysiology, and types of brain tumors; *List various primary brain injuries; *Identify various secondary brain injuries.
Emergency Department Basics	Ear Emergencies	1	CNE	9/30/12	*Discuss the assessment of ear emergencies; *Describe common interventions for ear emergencies; *Identify the signs, symptoms, and interventions for common ear emergencies.
Emergency Department Basics	Environmental Injuries	1.3	CNE	12/31/11	*Describe the physiology of a drowning or near-drowning victim and discuss therapeutic interventions; *Discuss the assessments and interventions for hypothermia and hyperthermia; *Discuss the appropriate nursing interventions and assessments for bites and stings; *Understand the different types of radiation exposure and discuss the assessment and intervention techniques.
Emergency Department Basics	Head, Face, and Neck Injuries	1.3	CNE	12/31/13	*Differentiate amongst the various mechanisms of head injuries and interpret the Glasgow Coma Scale; *Differentiate the management of intracranial hypertension and herniation, and identify the types of skull fractures; *Identify the different types of brain tissue injuries; *Differentiate amongst types of facial injuries, and identify functional impairment secondary to spinal cord injuries; *Determine the assessment and management of autonomic dysreflexia and spinal shock.
Emergency Department Basics	Injuries to the Thoracic Cavity	1	CNE	12/31/13	*Differentiate between the various mechanisms of thoracic injuries; *Become familiar with chest wall injuries including rib and sternal fractures and ruptured diaphragms; *Identify signs, symptoms, and interventions of common pulmonary injuries; *Identify the signs and symptoms of a certain cardiac injuries.
Emergency Department Basics	Interventions for Genitourinary Emergencies and Selected Conditions	1.4	CNE	3/31/13	*Identify nursing interventions for genitourinary emergencies; *Specify characteristics of and treatment for urinary tract infections (UTIs); *Specify the characteristics of and treatment for sexually-transmitted diseases; *Identify symptoms of and interventions for pyelonephritis and urethral foreign objects; *Differentiate male-specific genitourinary disorders and their treatments.

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Emergency Department Basics	Selected Environmental Conditions	1.1	CNE	6/30/12	*Identify and treat injuries due to extreme heat and cold such as heat cramps, heat exhaustion, heat stroke, frostbite, and hypothermia; *Identify thermal injuries, including burns and inhalation injuries, categorize them by degree, and treat them; *Identify and treat other environmental injuries, including submersion and lightning emergencies and bites and stings.
Neurological Conditions	Acute Spinal Cord Injury	1.3	CNE	12/31/11	*Differentiate between complete and incomplete spinal cord injuries; *Recognize the tests used to diagnose spinal cord injury; *Identify respiratory care related to acute SCI.
Neurological Conditions	Assessment of Conscious Patients	1.4	CNE	12/31/11	*Identify and evaluate the functions of the cerebral cortex, cranial nerves, and the cerebellum. *Define procedures and techniques used to evaluate motor and sensory systems and measure reflexes. *Define assessment techniques for assessing respiratory and cardiovascular complications. *Identify neurologic issues arising from respiratory and cardiovascular complications.
Neurological Conditions	Brain Injury and Disease Diagnosis and Interventions	1.3	CNE	12/31/11	*Perform a baseline neurological assessment and explain the tests used to diagnose patient injuries; *Discuss aggressive trauma resuscitation, surgical intervention, and nonsurgical intervention; *Outline the care of the postoperative patient; *Communicate with and give support to the patient's family; *Describe the etiology and clinical manifestations of encephalitis, meningitis, and brain abscess; *Identify the medical management of encephalitis, meningitis, and brain abscess.
Neurological Conditions	Classes of Brain Injury	0	none	12/31/11	*Describe various primary brain injuries; *Describe various secondary brain injuries.
Neurological Conditions	Guillain-Barre Syndrome and Myasthenia Gravis	1.3	CNE	12/31/13	*Identify Guillain-Barré Syndrome; *Identify myasthenia gravis; *Specify care of the patient with significant paralysis.
Neurological Conditions	Introduction to Intracranial Pressure Assessment	0.9	CNE	12/31/11	*Define intracranial pressure waveforms; *Describe intracranial pressure (ICP) monitoring devices; *Describe ventriculostomy and nursing care of the patient.
Neurological Conditions	Managing ICP-Monitored Patients	0.6	CNE	12/31/11	*Identify nursing management and care practices for patients with ICP.
Neurological Conditions	Neurological Assessment of Unconscious Patients	0.7	CNE	12/31/11	*Identify the categories of and levels of consciousness; *Test the functions of the cranial nerves on the unconscious patient; *Identify the signs of increased intracranial pressure (ICP).
Neurological Conditions	Treatment of Increased Intracranial Pressure	0.9	CNE	12/31/11	*Describe the measurement and pathophysiology of intracranial pressure (ICP); *Define the concepts of autoregulation, compliance, and decompensation in relationship to ICP; *Identify nursing considerations for intracranial pressure (ICP).
Trauma	An Overview of Trauma in Pediatric, Pregnant, and Geriatric Populations	1	CNE	6/30/12	*Differentiate between the assessment techniques unique to the pediatric and adult populations; *Specify the anatomic and physiologic characteristics unique to the pregnant patient, and identify resuscitation and treatment techniques; *Identify the appropriate nursing interventions in specific trauma situations with elderly patients.
Trauma	Trauma Overview	1.2	CNE	12/31/13	*Classify trauma injuries; *Explain the six phases of trauma care; *Identify special trauma care considerations.
Cardiac Emergencies	Assessment and Diagnosis of Cardiovascular Emergencies	0.7	CNE	9/30/12	*Assess cardiovascular emergencies; *Identify the vital signs that indicate cardiovascular problems; *Specify proper documentation, diagnosis, and triage categorization for patients with cardiovascular emergencies; *Identify the proper interventions for patients with cardiovascular emergencies.
Cardiac Emergencies	Hypertensive Emergencies, Cardiac Injuries, and Other Conditions	1.4	CNE	3/31/13	*Identify the signs, symptoms, and interventions for hypertensive emergencies; *Identify the signs, symptoms, and interventions for acute aortic dissection; *Identify acute pericarditis and infective endocarditis; *Identify acute arterial occlusion and venous thrombosis; *Identify peripheral vascular disease and myocardial contusion; *Identify cardiac tamponade, traumatic aortic injury, and arterial trauma; *Specify desired outcomes and age-specific considerations for cardiac patients.
Cardiac Emergencies	Selected Heart Conditions and Dysrhythmias	1.1	CNE	12/31/11	*Describe acute coronary syndromes; *Understand the roles of various medications and of percutaneous transluminal coronary angioplasty for battling myocardial infarction; *Detect right ventricular infarction and congestive heart failure; *Recognize the variety of cardiac dysrhythmias.
Emergency Assessment and Documentation	Focused Assessment and Documentation	1.4	CNE	12/31/13	*Recognize the chief complaints presented in the ED and the key components of a focused assessment for each one; *Distinguish between three-, four-, and five-level triage acuity systems; *Recognize the initial assessment of an ED patient.
Emergency Assessment and Documentation	Performing a Focused Assessment and Documentation	1.1	CNE	12/31/11	*Identify some of the basic components of emergency department nursing practice; *Define the initial assessment and airway assessment; *Define the primary survey and breathing assessment; *Define the circulation assessment; *Define the disability assessment.
Emergency Assessment and Documentation	Secondary Survey	0.6	CNE	12/31/13	*Identify procedures taken to initiate the secondary survey; *Define methods and information used to assess a patient's present health history; *Define methods and information used to assess a patient's past health history; *Evaluate the Head-to-Toe survey; *Identify age-specific considerations to be aware of when assessing a child or elderly patient during the secondary survey.
Emergency Conditions	Assessment and Care of Nose, Throat, and Facial Emergencies	1	CNE	3/31/13	*Identify subjective data for a nose, throat, or facial emergency; *Identify objective data for a nose, throat, or facial emergency; *Specify documentation for a nose, throat, or facial emergency; *Determine the plan of care for a patient with a nose, throat, or facial emergency.

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Emergency Conditions	Basic Wound Care	1.2	CNE	12/31/13	*Differentiate the physiology and appearance of normal wounds as well as wounds with eschar, edema, and/or drainage; *List the effects of wounds with accompanying neuropathy; *Differentiate between active and chronic wounds; *Determine the methods of clearing a wound of debris and infection; *Cite the uses of offloading wounds and compression therapy; *Determine the proper dressing of different wounds.
Emergency Conditions	Care of Selected Nose, Throat, and Facial Conditions	1	CNE	3/31/13	*Describe the signs, symptoms, and interventions for common nasal and throat infections; *Identify the signs, symptoms, and interventions for nose, throat, and facial fractures as well as the diagnosis and treatment of foreign body obstructions; *Explain the signs, symptoms, and interventions for Bell's palsy and trigeminal neuralgia
Emergency Conditions	Emergency Ocular Care	1.1	CNE	3/31/13	*Identify risk factors and key subjective assessment data for patients who has an ocular emergency; *Identify and document key objective assessment data for patients who has an ocular emergency; *Discuss nursing management and patient education for patients who has an ocular emergency.
Emergency Conditions	Endocrine Emergencies	1.3	CNE	9/30/12	*Identify signs, symptoms, and interventions for hypoglycemia; *Identify signs, symptoms, and interventions for diabetic ketoacidosis (DKA); *Recognize hyperglycemic hyperosmolar nonketotic syndrome (HHNS); *Identify the clinical presentation and ED management of patients with adrenal crisis; *Identify interventions for patients with hypothyroid coma and thyroid storm.
Emergency Conditions	ER Respiratory Emergencies	0.9	CNE	12/31/11	*Define respiratory emergencies and identify common symptoms, causes, and types of respiratory problems; *Identify proper nursing management of respiratory problems; *Recognize characteristics and causes of pulmonary diseases, asthma, acute and chronic bronchitis, emphysema, and bronchiolitis.
Emergency Conditions	Infectious Disease Emergencies: Evaluation and Care	1	CNE	9/30/12	*Identify risk factors and key subjective and objective assessment data for infectious disease emergencies; *Recognize several types of infectious diseases and discuss their causes, symptoms, and nursing management methods; *Categorize patients with infectious disease emergencies according to a five-level triage system and describe the management of patients with infectious disease emergencies.
Emergency Conditions	Interventions for and Outcomes of Orthopedic Injury	1	CNE	3/31/13	*Identify interventions and competencies for orthopedic conditions; *Identify selected orthopedic conditions; *Specify ED assessment and intervention for fractures, dislocations, and amputations; *Identify orthopedic syndromes; *Identify outcomes and age-specific considerations for orthopedic emergencies.
Emergency Conditions	Obstetrical and Gynecological Emergencies	1.1	CNE	3/31/13	*Specify the assessment of obstetrical and gynecological (OB/GYN) emergencies in the ED; *Recognize selected gynecological conditions and interventions; *Identify general interventions and outcomes for OB/GYN emergencies; *Recognize the steps to take in case of an emergency delivery.
Emergency Conditions	Obstetrical Emergencies	0.8	CNE	3/31/13	*Describe emergent obstetrical conditions, including spontaneous abortion, placenta previa, abruptio placenta, and ectopic pregnancy; *Discuss common pregnancy complications, including pregnancy-induced hypertension (PIH), hyperemesis gravidarum, and preterm labor (PTL); *Identify trauma during pregnancy and postpartum hemorrhage.
Emergency Conditions	Organ and Tissue Donation	1	CNE	12/31/11	*Describe the system for the allocation of organs in the United States; *Identify criteria for potential organ and tissue donors; *Explain consent for organ and tissue procurement; *Identify post-transplantation emergencies.
Emergency Conditions	Orthopedic Emergencies: Assessment and Diagnosis	0.8	CNE	3/31/13	*Identify orthopedic conditions and musculoskeletal complaints; *Identify the components of subjective and objective assessments for orthopedic conditions; *Recognize diagnosis, categorization, and documentation of orthopedic injuries.
Emergency Conditions	Overview and Competencies of Neurological Emergencies	1	CNE	6/30/13	*Identify neurological injuries and the subjective assessment data needed for intervention; *The objective data and assessments for neurological emergencies; *Define the criteria for proper neurological emergency nursing documentation and intervention.
Emergency Conditions	Selected Neurological Conditions and Considerations	1.3	CNE	12/31/11	*List the causes, signs, symptoms, and interventions for headaches; *Describe seizures and their causes, signs, symptoms, and interventions; *Describe the causes, signs, symptoms, and interventions for acute strokes; *Describe the signs, symptoms, and interventions for concussions and diffuse axonal injuries (DAIs); *Analyze epidural hematomas, subdural hematomas, and skull fractures; *List the causes, risk factors, signs, symptoms, and interventions for spinal cord injuries; *Discuss the desired outcomes for patients with neurological conditions as well as age-specific considerations.
Emergency Conditions	Selected Ocular Conditions	1.3	CNE	3/31/13	*Describe ocular emergencies related to the anterior portion of the eye; *Describe ocular emergencies related to the posterior portion of the eye; *Discuss evaluation and outcomes of ocular emergencies, as well as age-specific considerations.
Emergency Department Basics	Advanced Life Support Overview	0.8	CNE	12/31/11	*Identify advanced life support interventions for airway maintenance; *Identify advanced life support interventions for breathing; *Identify advanced life support interventions for circulation.
Emergency Department Basics	Assessing and Managing Environmental Emergencies	0	none	9/30/12	*Describe the subjective assessment of patients with environmental emergencies; *Describe objective assessment of patients with environmental emergencies; *Understand proper diagnosis and triage categorization; *Understand proper discharge planning and education for patients who have been treated for environmental emergencies.
Emergency Department Basics	Assessment and Treatment in the Emergent Setting	0	none	3/31/13	*Identify key points of subjective and objective assessment, and apply them to the triage process; *Specify standard interventions and competencies.
Emergency Department Basics	Dental Emergencies	0.9	CNE	12/31/11	*Identify and document key subjective and objective assessment data for patients with dental emergencies; *Identify the documentation, nursing diagnosis, triage categorization, patient education, and discharge planning for dental emergencies; *Identify the clinical presentation and emergency management of patients with dental pain (odontalgia), dental trauma, and dental infections.

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Emergency Department Basics	Disaster Management	1.1	CNE	12/31/11	*Describe the characteristics, categories, and consequences of disaster situations; *Determine the various agencies involved in disaster planning and the specifics of disaster management, including communication, supply, and disaster triage; *Identify which provisions disaster plans must include for treating victims who have come in contact with weapons of mass destruction and hazardous materials; *Develop strategies to prevent or address caregiver stress, post-traumatic stress disorder, and fatigue.
Emergency Department Basics	Emergencies of the Genitourinary System	0.9	CNE	3/31/13	*Recognize genitourinary problems, symptoms, and risk factors; *Assess genitourinary emergencies; *Assign a triage level and determine appropriate diagnostic procedures.
Emergency Department Basics	Emergency Documentation	1.4	CNE	12/31/13	*Recognize reasons for documentation; *Recognize general documentation guidelines; *Recognize documentation formats.
Emergency Department Basics	Introduction to Psychosocial Assessment and Pain Assessment for the Patient Who Has a Traumatic Injury	0.9	CNE	12/31/12	*Describe basic methods of psychosocial assessment during trauma care; *Describe basic methods of pain assessment during trauma care.
Emergency Department Basics	Legal and Ethical Issues in Emergency Nursing	0	none	3/31/13	*Define legal concepts, distinguish among types of consent, and identify situations that require mandatory reporting; *Explain the importance of ethical decision-making as it applies to healthcare dilemmas.
Emergency Department Basics	Mental Health Emergencies and Other Conditions	0.9	CNE	3/31/13	*Recognize safety precautions related to mental health emergencies in the ED and types of data collection; *Identify appropriate nursing management interventions when dealing with several types of mental illnesses, violent behavior, and situations that could result in a mental health condition.
Emergency Department Basics	Patient Assessment	1.5	CNE	12/31/12	*Understand the proper protocols for advanced trauma life support and trauma nursing; *Provide and solicit the appropriate prehospital information to promote accurate patient assessment; *Identify and apply the proper protocols for primary patient assessment; *Identify and apply the proper protocols for the secondary survey; *Identify the common diagnostic tests and procedures for the trauma patient.
Emergency Department Basics	Professionalism in ER Nursing	0.9	CNE	12/31/11	*Depict the development of emergency nursing as a specialty; *Describe the ENA's Standards of Care and Standards of Professional Performance; *Explain key professional behaviors of emergency nursing.
Emergency Department Basics	Rapid Sequence Induction Overview	0.9	CNE	12/31/11	*Explain the history and use of neuromuscular blockade; *Define neuromuscular blocking agents and intubation; *Describe awake intubation, sedation, and patient management and care; *Discuss family presence during resuscitation.
Emergency Department Basics	Resuscitation and Basic Life Support	1	CNE	12/31/11	*Outline resuscitation; *Describe the history of resuscitation; *Explain Basic Life Support (BLS).
Emergency Department Basics	Selected Conditions That Are General Medical Emergencies	1.5	CNE	12/31/11	*Identify assessment and care for fever, fatigue and malaise, Reye's syndrome, and gout; *Differentiate allergic reactions and fluid and electrolyte imbalances from etiology to intervention; *Identify coma and hematological emergencies from etiology to intervention.
Emergency Department Basics	Standards of Transfer and Transport	0.8	CNE	3/31/13	*Identify reasons for transferring patients from one facility to another; *Specify how to prepare a patient for transport; *Identify the advantages and disadvantages of ground and air transport.
Pain Assessment and Management	Managing the Patient's Pain	1.7	CNE	9/30/12	*Identify useful tools for assessing and describing pain; *Discuss issues pertaining to pediatric and geriatric pain assessment; *Describe criteria and interventions to use when monitoring a sedated patient; *Identify parameters for administering sedation and pain medication in the emergency room; *Describe properties of opioids and their use for sedation and pain management; *Discuss other categories of medications used for sedation and pain management; *Recognize the value of nonpharmacological interventions in pain management.
Pain Assessment and Management	Overview of Pain and Pain Management	1.4	CNE	9/30/12	*Identify the evolution of our understanding of pain; *Identify reasons why pain management has not been the highest priority in emergency departments; *Differentiate two general categories of pain; *Identify the basic physiological processes involved in the transmission of pain.
Respiratory Conditions	Assessment, Interventions, and Ancillary Matters for Respiratory Emergencies	0.8	CNE	12/31/12	*Assessing the respiratory emergency; *Diagnosis and interventions for a respiratory emergency.
Shock Assessment	Diagnosis of Shock	0.7	CNE	12/31/12	*Diagnose a trauma victim; *Identify and distinguish appropriate interventions for victims of shock; *Discuss educating, planning, and evaluating when working with shock victims.
Shock Assessment	Identifying and Assessing Shock	0.8	CNE	12/31/12	*Identify the etiologies of shock; *Identify techniques for gathering subjective data during shock assessment; *Identify techniques for gathering objective data during shock assessment; *Define documentation procedures.
Toxicology	Toxicology in Emergency Nursing	0.9	CNE	3/31/13	*Identify key subjective patient assessment data; *Identify key objective patient assessment data; *Document assessment, nursing diagnoses, and triage categorization of patients who have been poisoned.
Toxicology	Toxin Decontamination and Specific Toxins	1.3	CNE	3/31/13	*Recognize toxic exposure and decontamination; *Identify specific methods of decontamination; *Identify selected toxicities and corresponding interventions; *Identify toxicity outcomes and evaluations.
Trauma	Assessing and Documenting Surface Trauma	0.8	CNE	12/31/11	*Identify and document key subjective assessment data for patients with surface trauma; *Describe and record key objective assessment data for patients with surface trauma; *Document pertinent nursing diagnoses for common surface trauma injuries and categorize them in a 5-level triage system.
Trauma	Assessment of Multisystem Trauma	1.3	CNE	12/31/11	*Identify the strategies for preparing for the arrival of a patient with multisystem trauma; *Specify the primary survey for multisystem trauma patients; *Specify the secondary survey for multisystem trauma patients.

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Trauma	Diagnostics and Interventions for Multiple Trauma Patients	0.7	CNE	12/31/11	*Identify appropriate diagnoses for the patient with multiple trauma; *Identify appropriate interventions for selected traumatic conditions.
Trauma	Introduction to Trauma Precautions	0.8	CNE	12/31/12	*Discuss methods of infection control and other important precautions in trauma nursing; *Identify the common infectious diseases posing a threat to the trauma nurse, and describe their modes of transmission.
Trauma	Overview of Multisystem Trauma	1.5	CNE	12/31/11	*Identify the nursing roles, etiology, and phases of care for multisystem trauma patients; *Identify the causes, mechanisms, and types of multisystem trauma; *Identify data that should be collected when caring for a multisystem trauma patient; *Identify physiologic mechanisms that occur in the multisystem trauma patient.
Trauma	Profile of Multisystem Trauma Patients	1.3	CNE	12/31/11	*Recognize the physiologic responses to trauma; *Recognize the psychologic responses to trauma; *Recognize characteristics of the trauma patient.
Trauma	Surface Trauma Interventions and Competencies	0.9	CNE	12/31/11	*Specify the use of direct pressure and other methods to control active bleeding; *Identify the primary methods used to anesthetize a wound area; *Identify how to cleanse, prepare, and dress a wound.
Trauma	Trauma System Development	0.7	CNE	12/31/12	*Describe the characteristics of a trauma system; *Discuss the current status of trauma system development; *Explain the history of funding for trauma system development.
Trauma	Trauma Team	0.7	CNE	12/31/12	*Identify the components of the trauma community; *Describe the components of a trauma center; *Describe the role of the nurse as a member of the multidisciplinary trauma team.
Trauma	Wounds and Bites	0.9	CNE	12/31/11	*Recognize symptoms and interventions for abrasions, lacerations, and avulsions; *Recognize symptoms and interventions for puncture wounds and bite wounds, and discuss the risks and prevention of tetanus and rabies.
NICU	Birth Injuries and Hearing Loss	1	CNE	12/31/11	*Recognize birth-related extracranial hemorrhages; *Identify birth-related skull fractures; *Specify birth-related peripheral nerve structure damage; *Evaluate hearing loss.
NICU	Glucose Management Challenges in the Intermediate Care Neonate	1.1	CNE	12/31/11	*Describe the risks faced by an infant of a diabetic mother (IDM); *List common complications for an IDM and their associated interventions; *Explain the importance of glucose homeostasis in the neonate and outline the causes of neonatal hypoglycemia and hyperglycemia; *List appropriate assessments and treatments for neonatal hypoglycemia and hyperglycemia and describe how they are performed.
NICU	Hematologic System and Disease for the Intermediate Care Neonate	1.7	CNE	12/31/11	*Describe the hematologic system in the fetus and neonate, including embryology and development; *Explain the nature and purpose of red blood cell studies, blood typing, blood administration, and immunizations; *Describe the various forms and causes of neonatal anemia and their appropriate assessments and interventions; *Explain the etiology of neonatal hyperbilirubinemia and describe studies and interventions associated with it.
NICU	Hydrocephalus	0	none	12/31/11	*Describe the pathophysiology and critical factors of hydrocephalus; *Describe patient care management for the neonate with hydrocephalus.
NICU	Psychosocial Aspects of Nursing in the Neonatal ICU	1.2	CNE	12/31/11	*Discuss how understanding the experience and needs of the critically ill infant's family will help you provide effective support; *Identify strategies to support the parental role in the NICU; *Describe the unique needs of the adolescent parent; *Discuss the grieving of parents and other family members in the NICU.
NICU	Respiratory Monitoring and Therapy	0.7	CNE	12/31/11	*Determine what information amniocentesis can provide about fetal lung maturity; *Evaluate the purpose and uses of arterial blood gas (ABG) sampling; *Differentiate the types, mechanisms, and limitations of respiratory monitoring devices; *Analyze the techniques and potential pitfalls of oxygen therapy for neonates.
NICU	Sepsis and Neonatal Abstinence Syndrome	1.8	CNE	12/31/11	*Describe the development of the immune system; *Cite the etiology of and risk factors for sepsis; *Detail the clinical signs and studies of sepsis; *Describe the management of patient care for sepsis; *Describe substance abuse leading to neonatal abstinence syndrome (NAS); *Discuss the pathophysiology and etiology of NAS; *List the signs of NAS; *Describe routine NAS studies and management of patient care.
Labor and Birth	Alterations of Labor and Birth	1.3	CNE	12/31/11	*Describe external cephalic version, induction of labor, and augmentation of labor; *Describe vacuum-assisted birth and forceps-assisted delivery; *Describe cesarean birth.
Labor and Birth	Anatomy and Physiology of Normal Childbirth	1.3	CNE	9/30/12	*Identify the maternal and fetal anatomical adaptations to birth; *Identify the passenger and its importance to the childbirth process; *Identify the passageway and its importance to the childbirth process; *Define powers and position and identify their effect on labor and childbirth.
Labor and Birth	Nursing Management of the Laboring Mother	0.7	CNE	9/30/12	*Identify the signs and mechanisms of labor; *Specify nursing interventions for a laboring mother.
Labor and Birth	Pain Management During Labor	1.3	CNE	12/31/11	*Identify physiologic sources of pain in the first stage of labor; *Recognize the definition of the gate-control theory of pain; *Identify the role of a coach during labor pain management; *Recognize the effect of narcotic analgesics on a pregnant woman.
Labor and Birth	Pharmacological Pain Management	1	CNE	12/31/11	*Identify the effects, uses and procedure for systemic analgesia; *Identify the effects, uses and procedure for regional anesthesia; *Identify the effects, uses and procedure for general anesthesia.
Labor and Birth	Stages of Labor	1.4	CNE	9/30/12	*Define the three phases of the first stage of labor; *Define the second stage of labor, including preparations for birth and potential injuries to the mother; *Define the third and fourth stages of labor.

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Obstetric - General	Development of the Neonatal GI System and Common GI Diseases in the Neonate	1.2	CNE	12/31/13	*Distinguish the development of the neonatal gastrointestinal (GI) system and list routine GI clinical tests; *Assess gastroesophageal reflux (GER); *Evaluate necrotizing enterocolitis (NEC).
Obstetric - General	Developmentally Appropriate Care	1.2	CNE	12/31/11	*Recognize the synactive theory of development; *Specify control of the environmental factors of the NICU; *Recognize the cues and signals of relationship-based care; *Identify developmental interventions to support neonatal subsystems; *Analyze kangaroo care.
Obstetric - General	Neonatal Nutrition	1.1	CNE	12/31/11	*Explain the energy and fluid requirements for neonates; *Receive an overview of parenteral nutrition including benefits, risks, and complications; *Describe the important role of human milk for term and preterm infants; *Identify various enteral nutrition delivery methods.
Postpartum Care	Immediate Recovery Period, Part 2: Nursing Management	1	CNE	12/31/13	*Identify pertinent information included in the labor and delivery report; *Specify maternal assessment during the immediate postpartum recovery period; *Cite clinical interventions for the immediate postpartum recovery period.
Postpartum Care	Immediate Recovery Period: Uterine Tone and Blood Loss	1.7	CNE	12/31/13	*Specify risk factors for postpartum hemorrhage; *Identify clinical care of the uterus immediately after delivery; *Specify uterine fundal massage; *Identify interventions to prevent uterine atony; *Identify other causes of postpartum hemorrhage.
Postpartum Care	Normal Postpartum Physiological Maternal Adaptations	1.1	CNE	12/31/11	*Discuss the physiologic adaptations of the reproductive system; *Discuss the physiologic adaptations of the circulatory, respiratory, gastrointestinal, urinary, integumentary, and immune systems; *Describe the components of a systematic postpartum physical assessment; *Describe postpartum psychosocial assessments.
Postpartum Care	Physiologic and Anatomic Changes During the Postpartum Period	0.9	CNE	6/30/13	*Recognize postpartum changes that occur in the reproductive tract; *Identify postpartum changes that occur in the cardiovascular and circulatory systems; *Identify postpartum changes that occur in the endocrine system; *Recognize postpartum changes that occur in the urinary system and abdominal wall.
Postpartum Care	Postpartum Anticipatory Guidance	1.1	CNE	12/31/11	*Identify self-care methods for breast engorgement; *Specify self-care for the common changes that occur in the abdomen and lochia; *Identify postpartum care after discharge.
Postpartum Care	Postpartum Assessment After the Recovery Period	1.8	CNE	12/31/11	*Identify what data the postpartum nurse needs as she begins caring for a new mother; *Describe how to assess the postpartum mothers breasts; *Describe how to assess the postpartum mothers bladder, uterus, and lochia; *Describe how to assess the postpartum mothers perineum and lower extremities.
Postpartum Care	Postpartum Care of the Cesarean Section Patient	0.9	CNE	12/31/11	*Recognize nursing care of the cesarean patient during the immediate recovery period; *Recognize nursing care of the cesarean patient 24 hours after surgery and beyond.
Postpartum Care	Postpartum Complications	1.2	CNE	6/30/13	*Identify postpartum hemorrhage and the appropriate interventions; *Identify postpartum hemorrhage emergencies and the appropriate interventions; *Identify postpartum hematomas and the appropriate interventions; *Identify postpartum thromboembolic conditions and the appropriate interventions; *Identify postpartum infections and the appropriate interventions.
Postpartum Care	Postpartum Pain Control and Other Self-Care Measures	1	CNE	6/30/13	*Identify causes of postpartum pain; *Identify methods of postpartum pain control; *Specify postpartum self-care measures; *Recognize postpartum immunizations; *Recognize postpartum laboratory tests.
Postpartum Care	Postpartum Psychologic Adjustments	0.8	CNE	12/31/11	*Identify psychologic adaptations experienced by parents in the immediate postpartum period; *Identify psychologic adaptations of the new mother and siblings in the early postpartum period.
Postpartum Care	Psychosocial Needs of the Family	0.9	CNE	12/31/11	*Determine the psychosocial needs of family members of a child in the Pediatric Intensive Care Unit (PICU); *Identify nursing interventions for family members of a child in the PICU.
Postpartum Care	Resuming Activities of Daily Living	1.5	CNE	12/31/11	*Identify the guidelines for proper postpartum nutrition and measures that address low hematocrit levels, prevent constipation, and encourage gradual weight loss; *List the guidelines for resuming sexual activity and taking contraceptives during the postpartum period; *Recognize the importance of rest in the postpartum period, the possibility of postpartum blues or depression, and the benefits of engaging in postpartum exercises.
Well Newborn	Bottle-Feeding the Newborn and Infant	0.8	CNE	12/31/13	*Identify topics related to mixing formula and bottle-feeding newborns and infants; *Identify topics related to the growth and dietary requirements of newborns and infants who are bottle-fed.
Well Newborn	Breastfeeding and Weaning	0.9	CNE	3/31/13	*Identify the effect of specific maternal self-care behaviors on breast milk, the newborn, and the mother; *Identify significant factors related to the expression of milk; *Recognize the process of weaning the breastfeeding infant.
Well Newborn	Introduction to Breastfeeding	1.3	CNE	3/31/13	*Recognize the anatomy of the breast and physiology of lactation; *Identify the composition of colostrum and breast milk; *Identify the nursing management of common problems associated with breastfeeding; *Recognize milk supply problems.
Well Newborn	Newborn Assessments Immediately After Birth	1.3	CNE	12/31/11	*Describe some of the factors in the maternal health history that can put the newborn at risk, the assessment of the need for stabilizing and resuscitating the newborn immediately after birth, and the Apgar score; *Explain the purposes, methods, and normal results of general descriptive assessments of the newborn, including growth assessments and assessments of vital signs; *Discuss the preliminary assessment of the newborns gestational age, and describe the initial physical assessments of the newborn, including assessments of skin, head and neck, chest, abdomen, musculoskeletal features, genitalia, and neurologic status.
Well Newborn	Newborn Assessments Within 1 to 4 Hours After Birth	1.4	CNE	6/30/13	*Specify how to perform a complete gestational age assessment of the newborn using the New Ballard Score and its measures for physical and neuromuscular maturity; *Specify how to determine the newborns growth relative to gestational age and how to classify the infant as small, large, or appropriate for gestational age.

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Well Newborn	Newborn Physiology and Adaptation to Extrauterine Life	1.3	CNE	12/31/11	*Discuss some of the newborns physiologic characteristics that are associated with the senses, the hepatic system, the immunologic systems, and the neuromuscular system; *Describe the normal newborns adaptation to extrauterine life, including establishing and maintaining respirations and circulation maintaining body temperature as well as fluid and electrolyte balance; eliminating waste; and regulating weight.
Well Newborn	Nutritional Needs of the Newborn	0.7	CNE	12/31/11	*Discuss the nutritional needs of the newborn and how they are satisfied by breast milk and commercially prepared infant formulas; *Explore the frequency, duration, and amounts of feedings that are necessary for the newborn infant to thrive.
Cancer Therapy and Treatment	Cancer Treatment Options: Surgery and Radiation	0.6	CNE	9/30/12	*Describe the ways surgery is used in the treatment of cancer; *Describe the ways radiation therapy is used in the treatment of cancer.
Cancer Therapy and Treatment	Comfort Measures and Pain Management	1.2	CNE	12/31/12	*Provide the best possible comfort and pain management to cancer patients; *Describe methods of assessing cancer painFollow guidelines for pharmacologic management of cancer pain.
Cancer Therapy and Treatment	Medical Oncology	0.9	CNE	9/30/12	*Describe how chemotherapy is used to treat cancer; *Explain the use of biotherapy, gene therapy, and hematopoietic stem cell transplantation in the treatment of cancer.
Cancer Therapy and Treatment	Metabolic Oncologic Emergencies	1.3	CNE	12/15/13	*Describe hypercalcemia and its symptoms, causes, treatment, and nursing careIdentify SIADH and its symptoms, causes, treatment, and nursing care; *Discuss septic shock and its symptoms, causes, treatment, and nursing care; *Describe DIC and its symptoms, causes, treatment, and nursing care.
End of Life Care	End-of-Life Issues and Palliative Care	1.4	CNE	12/15/13	*Discuss the beliefs and truths associated with dying and death; *Discuss the management of symptoms related to the end of a patient's life; *Discuss the management of a dying patient's expected psychosocial side effects; *Describe the holistic management of patients and their families during the end-of-life experience; *Define palliative care and discuss its connection to the experience of dying.
Oncology General Topics	Altered Body Image and Alopecia	0	none	12/31/12	*Identify potential body image changes related to cancer and its treatment and describe how to manage these changes; *Discuss the impact of alopecia on body image.
Oncology General Topics	Breast Cancer	0.9	CNE	6/30/12	*Explore the epidemiology of breast cancer; *Discuss methods of detecting, diagnosing, and staging breast cancer as well as looking at prognoses for those with the disease; *Describe methods of treating breast cancer.
Oncology General Topics	Cancer and the Gastrointestinal System	1.6	CNE	12/31/12	*Identify the major GI disturbances that stem from cancer and cancer treatment; *Identify the nursing prevention and treatment of cancer-treatment-based nausea and vomiting; *Identify the nursing prevention and treatment of cancer-treatment-based diarrhea; *Define the incidence, occurrence, treatment options, and nursing care of mucositis; *Specify ostomy care and associated issues.
Oncology General Topics	Cancer Rehabilitation	0.7	CNE	12/31/12	*Describe rehabilitation as an important role in the comprehensive care of patients with cancer, and discuss the purposes of cancer rehabilitation; *Discuss the role of rehabilitation in specific major cancer diagnoses.
Oncology General Topics	Care of Radiation Therapy Patients	0	none	12/31/12	*Identify radiation treatments and safety techniques used when administering radiation therapies; *Describe side effects experienced by patients receiving radiation therapy and the nursing management practices for radiation's side effects.
Oncology General Topics	Childhood and Less Common Cancers	0.6	CNE	6/30/12	*Discuss childhood cancer, including the incidence, survival rate, etiology, and risk factorsList and describe the most common childhood cancers; *Describe less common types of cancer.
Oncology General Topics	Complementary, Alternative and Unproven Methods of Cancer Treatment	0.9	CNE	12/31/12	*Define different types of alternative cancer treatments; *Explain the different types of Complementary and Alternative Medicines (CAM); *Differentiate CAM therapy from unproven methods.
Oncology General Topics	Cultural, Legal, and Ethical Issues in Care of the Patient with Cancer	0.8	CNE	12/31/12	*Identify how cultural issues influence oncology nursing; *Discuss the many legal and ethical issues frequently confronted by oncology nurses.
Oncology General Topics	Gastrointestinal Cancer	0.9	CNE	6/30/12	*Describe the epidemiology and etiology of common gastrointestinal cancers; *Discuss methods of diagnosing, staging and treating colorectal cancer.
Oncology General Topics	Gynecological Cancers	1.2	CNE	6/30/12	*Describe the epidemiology of, etiology of, and common treatments for endometrial (uterine) cancer; *Explain the epidemiology of, etiology of, and common treatments for cervical cancer; *Understand the epidemiology of, etiology of, and common treatments for ovarian cancer.
Oncology General Topics	Hematologic System	0.9	CNE	9/30/12	*Describe the hematologic system as it relates to myelosuppression and cancer diagnosis and treatment; *Identify the major types of myelosuppression; *Discuss the common treatments and side effects of myelosuppression.
Oncology General Topics	Introduction to Oncology Nursing	0.6	CNE	6/30/12	*Describe the nature of cancer and discuss the incidence and mortality rates of this disease; *Explain the process of carcinogenesis.
Oncology General Topics	Lung Cancer	0.8	CNE	9/30/12	*Describe the epidemiology and etiology of lung cancer; *Discuss methods of diagnosing, staging and treating lung cancer.
Oncology General Topics	Lymphedema and Other Sequelae of Cancer	0	none	12/31/12	*List the major sequelae of cancer and their treatment and identify the signs and symptoms associated with these conditions; *Discuss the causes of lymphedema and ways to provide care to a patient.
Oncology General Topics	Melanoma and Other Skin Cancers	0.9	CNE	9/30/12	*Define how melanoma is treatedIdentify the epidemiology, etiology, and risk factors of melanoma; *Analyze the prevention, screening, and diagnosis of melanoma.

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Oncology General Topics	Oncologic Emergencies	1.5	CNE	3/31/13	*Describe obstructive or compressive disorders; *Identify metabolic disorders; *Examine disruptions of immunologic function, particularly septic shock; *Examine disruptions of hematologic function, particularly disseminated intravascular coagulation (DIC).
Oncology General Topics	Prostate and GU Cancers	0.8	CNE	9/30/12	*Describe prostate cancer Explain how prostate cancer is diagnosed and treated; *Discuss testicular cancer.
Oncology General Topics	Psychosocial and Emotional Issues	0.8	CNE	12/31/12	*Discuss common psychological stages experienced by cancer patients and their families; *Describe the psychosocial and emotional impact of cancer on a patient; *List positive coping strategies for patients living with cancer.
Oncology General Topics	Respiratory and Cardiovascular Problems in Cancer Patients: Dyspnea, Cardiotoxicity, and Pulmonary Toxicity	1	CNE	12/31/13	*Describe dyspnea and explain nursing care for patients with dyspnea; *Describe cardiotoxicity and explain nursing care for patients with this condition; *Describe pulmonary toxicity and explain nursing care for patients with this condition.
Oncology General Topics	Risk Assessment and Cancer Prevention	0.6	CNE	9/30/12	*Describe the prevention, early detection, and screening of cancer; *Assess the risk factors for cancer and define the nurse's role in cancer risk assessment and prevention.
Oncology General Topics	Sexuality and Cancer	0	none	3/31/13	*Describe the disruption in sexuality during the diagnosis and treatment of cancer; *Discuss the prevention and treatment of sexual dysfunctions related to cancer.
Oncology General Topics	The Relationship of Nutrition to Cancer Care and Treatment	1	CNE	3/31/13	*Discuss using proper nutrition to reduce the risk of cancer and provide proper nutrition to cancer patients; *Describe nutrition-related cancer problems; *Discuss patient teaching of side effect management with common nutritional problems.
Basics of Perioperative Care	Electrosurgery	1.6	CNE	3/31/13	*Describe electrosurgical techniques ; *Understand the different components, the systems of electrosurgery, and the desired effects of each; *Understand the importance of safety and safety regulations in ESU.
Basics of Perioperative Care	Emergency Resuscitation and Documenting Patient Care	0.7	CNE	12/31/11	*Identify possible code situations occurring in hospital emergency units and define the roles and responsibilities of each OR team member during a code; *Identify and distinguish standard equipment, supplies, medications, and devices used in hospital emergency units; *Create appropriate documentation for patients.
Basics of Perioperative Care	Identifying and Treating Malignant Hyperthermia	0.6	CNE	6/30/13	*Define malignant hyperthermia and its symptoms, morbidities, triggering agents, and alternative medications; *Explain the treatment for malignant hyperthermia.
Basics of Perioperative Care	Inadvertent Hypothermia	1.2	CNE	12/31/13	*Define hypothermia and its causes; *Differentiate between mild, moderate, and severe hypothermia; *Determine the conditions that increase vulnerability to hypothermia; *List the potential complications of hypothermia; *Cite ways to monitor and intervene in hypothermia; *Cite the advantages and disadvantages of various warming methods.
Basics of Perioperative Care	Instrumentation	0.8	CNE	6/30/13	*Sort the various types of surgical instruments; *Recognize minor and major instrumentation sets; *Understand the nursing responsibilities toward instruments both in and out of the OR.
Basics of Perioperative Care	Introduction to Perioperative Nursing	0.9	CNE	12/31/13	*Examine the history and evolution of surgical nursing along with the phases of the nursing process and basic goal of each phase; *Familiarize yourself with the initial phases of the nursing process, which include assessment, nursing diagnosis, and outcome identification; *Familiarize yourself with the latter phases of the nursing process, including planning, implementation, and evaluation; *Identify the standard and auxiliary members perioperative team and their roles and responsibilities.
Basics of Perioperative Care	Preoperative Preparations	1	CNE	12/31/13	*List the steps involved in preparing a patient for surgery; *Describe the importance of a patient's <em>nothing by mouth</em> (NPO) status and typical NPO recommendations; *Identify the patient consent forms to be signed prior to surgery; *Describe procedures to ensure blood is available during surgery as well as guidelines for OR preparation and patient transfer.
Basics of Perioperative Care	Skin Prep	0.9	CNE	12/31/13	*Explain the purpose of skin preparation in the perioperative environment and describe the three alternatives for hair removal; *Identify prepping agents and supplies used in the perioperative environment; *Explain how to properly prep a patient for surgery and address special concerns in skin prep; *Identify the purpose of draping and list the supplies necessary; *Identify each person's responsibility and explain the correct draping procedure.
Basics of Perioperative Care	Surgical Lasers	0.8	CNE	12/31/13	*Recognize the history, function, and benefits of lasers; *Differentiate between various types of commonly used surgical lasers; *Identify laser safety precautions and how to respond in the event of a laser fire or complication; *Identify the roles and responsibilities of the various members of the laser team.
Basics of Perioperative Care	Sutures and Other Types of Closures	1	CNE	12/31/13	*Identify the need for and properties of various suture materials; *Discuss the various types of suture packaging; *Contrast absorbable versus nonabsorbable suture types and describe the use of surgical clips; *Analyze the types of surgical staplers and the procedures for which they are used; *Display the proper use of skin strips and synthetic skin adhesives.

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Basics of Perioperative Care	Wound Healing	1.1	CNE	3/31/13	*Appreciate the history of wound treatments; *Describe the structure and function of tissue layers and surgical wound classifications; *Describe the healing processList and define complications of wound healing; *Describe the types of surgical drainsDescribe the types of dressings and the steps in assisting the application of dressings.
Perianesthesia	Care of the Anesthetized Patient	0.6	CNE	6/30/13	*Identify the complications associated with anesthesia and the intraoperative nursing interventions to use with the anesthetized patient; *Define and discuss the causes and the signs and symptoms of malignant hyperthermia, as well as treatment options.
Perianesthesia	General Anesthesia	0.9	CNE	12/31/13	*Differentiate the four phases of general anesthesia; *Recognize the systems and equipment used for administering anesthetics and monitoring patients who are under anesthesia.
Perianesthesia	Implications of Perianesthesia	0.8	CNE	12/31/13	*Distinguish the role of anesthesia providers and the scope of their care; *Predict the care of the patient preparing to undergo anesthesia during surgery.
Perianesthesia	Knowledge of Anesthetics	1	CNE	12/31/13	*Distinguish among various types of anesthetic agents and discuss how anesthetics are selected; *Specify the possible complications related to anesthesia; *List common anesthetic gases and drugs, as well as their uses, durations, and effects.
Sedation and Analgesia	Anesthesia	2.1	CNE	12/31/13	*Define anesthesia and its different types; *Define monitored anesthesia care, its common agents, and nursing management; *Local anesthesia describes the administration of an anesthetic agent to one specific area of the body by local infiltration, which is usually administered by the surgeon; *Local anesthesia is used for minor procedures, if the patients cooperation is needed; *Identify the anesthesia teams roles and responsibilities; *Describe the preoperative preparatory stepsMonitor anesthetic patients and aid their recovery; *Appreciate the use of preoperative medications; *Create documentation to aid patient recovery in the PACU; *Describe the phases of anesthesia; *Define general anesthesia, its common agents, and nursing management; *Define regional anesthesia, its common agents, and nursing management.
Sedation and Analgesia	Moderate Sedation/Analgesia	1.4	CNE	12/31/13	*Define moderate sedation/analgesia, understand associated objectives and advantages, and identify RN competencies required for its administration; *Recognize if a patient is a good candidate for moderate sedation/analgesia based on information from a preassessment; *List the medications and routes of administration commonly used when consciously sedating a patient; *Identify various reversal agents and when and how they should be administered; *Cite necessary equipment as well as understand how to monitor patients and make them comfortable while consciously sedated; *Identify potential complications of moderate sedation/analgesia, including their causes, symptoms, and interventions; *Analyze professional and legal documentation and monitoring guidelines for the patients admission, surgical procedure.
Topics in Perioperative Safety	Aseptic Technique	0	none	12/31/13	*Describe the principles and processes of disease transmission; *Explain the goals and practices of aseptic technique; *Demonstrate the recommended practices for maintaining and functioning within a sterile field.
Topics in Perioperative Safety	Attire Worn in the OR	1.9	CNE	3/31/13	*Understand how aseptic surgical attire protects the patient, how to wear and maintain scrub clothes, headgear, and surgical masks, and discuss protective barriers and personal hygiene guidelines; *Explain techniques for maintaining a sterile field and how to apply aseptic technique to scrubbing, gowning, and gloving.
Topics in Perioperative Safety	Counts	1	CNE	3/31/13	*Understand the role of and reasons for various surgical counts; *Learn the process and best practices of sponge counts; *Describe how and when to safely conduct sharps and small-item counts; *Identify how and when to perform safe surgical instrument counts; *Recognize what procedures to follow and how to document an incorrect count.
Topics in Perioperative Safety	Infection Control	1	CNE	6/30/13	*Receive an introduction to infection control; *Identify some of the different infectious organisms; *Recognize the principles for using antibiotics when treating perioperative patients.
Topics in Perioperative Safety	Introduction to Environmental Safety	0	none	6/30/13	*Define the appropriate prevention measures to avoid accidents in the OR and the correct responses in case accidents occur; *Explain the proper procedure for reporting incidents in the OR and what to do in case of a utility failure.
Topics in Perioperative Safety	Introduction to Equipment Safety	1.1	CNE	12/31/13	*Explain the purpose and safety factors of specific types of OR equipment; *Explain the purpose and safety factors of specific types of core OR equipment; *Explain the purpose and safety factors of specialized equipment used during OR procedures; *Explain the purpose and safety factors of general equipment used during OR procedures.
Topics in Perioperative Safety	Latex Allergy	0.9	CNE	12/31/13	*Learn about latex and latex allergies; *Identify the different types of latex allergies; *Understand specific needs of people at risk for latex allergies; *Discuss how latex allergies can be treated and prevented.
Topics in Perioperative Safety	Positioning	1.1	CNE	12/31/13	*List the desired outcomes for positioning, identify the risks associated with positioning, and explain the composition of the OR bed; *Distinguish the anatomical and physiological effects of anesthesia and position; *Predict how to manage a patients stay in the OR for surgery; *Differentiate how to move a patient from the transport vehicle to the OR bed in various positions.
Topics in Perioperative Safety	Sterilization	1.2	CNE	12/31/13	*Recognize sterile supply processing; *List the processes and steps of decontamination; *List the assembly and packaging systems and discuss their advantages and disadvantages; *List the processes and steps of sterilization; *Cite the importance of quality control.

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Topics in Perioperative Safety	Traffic and Procedural Safety in the OR	0.9	CNE	12/31/13	*Define, label, and follow care protocols for surgical specimens; *Describe traffic guidelines and zoned surgical areas; *Define radiation and understand its dangers and safety measures.
Psychiatric Conditions	Depression	1.4	CNE	12/31/13	*Identify the types of depression; *Recognize the levels of depression and specifiers for Major Depressive Disorder; *Identify the characteristics of bereavement; *Recognize the theories of depression.
Psychiatric Conditions	Dramatic and Emotional Personality Cluster	0.6	CNE	12/31/11	*Differentiate between personality, personality trait, and personality disorder; *Recognize the characteristics associated with and etiology of Borderline Personality Disorder (BPD) and Narcissistic Personality Disorder; *Determine the characteristics associated with and etiology of Histrionic Personality Disorder and Antisocial Personality Disorder.
Psychiatric Conditions	Odd and Eccentric Personality Cluster	0	none	12/31/11	* Identify the characteristics, etiology, and nursing care for Schizoid Personality Disorder; *List the characteristics, etiology, and nursing care for Schizotypal Personality Disorder; *Recognize the characteristics, etiology, and nursing care for Paranoid Personality Disorder.
Psychiatric Conditions	Treatments for Depression	0	none	12/31/13	*Recognize psychotherapeutic treatments for depression; *Recognize nonpharmacologic and alternative treatments for depression; *Identify the antidepressant medications used to treat depression; *Differentiate between types of antidepressant medication.
Psychiatric General Topics	Care of the Psychiatric Patient	0.7	CNE	12/31/11	*Identify the types of psychiatric conditions and their nursing implications; *Identify special communication needs of patients with psychiatric disorders and the nursing techniques used to address these patients.
Psychiatric General Topics	Definition and History of Psychiatric Nursing	0	none	9/30/12	*Recognize the type and quality of psychiatric care available before the 20th century; *Recognize the advancements made in psychiatric nursing in the 20th century; *Identify current trends and issues in psychiatric nursing.
Psychiatric General Topics	Strategies of Therapy	1	CNE	12/31/11	*Describe basic strategies of therapeutic communication; *Detail the aspects of empathic communication.
Psychiatric General Topics	Therapeutic Communication	1.4	CNE	12/31/11	*Recognize the definition and components of therapeutic communication; *Analyze intrapersonal, interpersonal, and group communication; *Identify verbal and nonverbal communication patterns; *Recognize how to communicate with people of different cultures.
NICU	Neonatal Seizures	1.1	CNE	12/31/11	*Explain the physiology and effects of seizures in the newborn; *Identify the different types of seizures and their respective signs; *Define etiology, including risk factors and causes, of neonatal seizures; *Explain various ways to care for a newborn experiencing a seizure, including the appropriate drug therapies.
Basic Safety	Concepts of Infection Control	0	none	12/31/13	*Define microorganisms as sources of infection; *Explain the chain of infection and how it is broken; *Describe types of precautions in the healthcare setting; *Identify types of bloodborne pathogens; *Demonstrate proper cleaning and personal protection; *Define medical asepsis and practice sterile techniques.
Basic Safety	Safety	0	none	12/31/13	*Specify fire safety in the healthcare facility; *Identify your responsibilities when responding to facility fires; *Identify various safety risks for patients in healthcare settings; *Specify disaster preparedness.
Body Systems	Nutrition for the Patient	0	none	12/31/11	*Identify the components of a well-balanced diet; *Classify the basic types of nutrients; *Recognize the prescribed and preferred diets that patients may eat; *Identify the UAP's responsibilities in assisting patients at mealtime.
Body Systems	The Circulatory System	0	none	12/31/11	*Recognize the anatomy and physiology of the circulatory system; *Identify several diseases of the circulatory system.
Body Systems	The Endocrine System	0	none	12/31/11	*Distinguish the glands of the endocrine system; *Identify properties of diabetes mellitus.
Body Systems	The Gastrointestinal System	0	none	12/31/11	*Recognize the anatomy and physiology of the gastrointestinal (GI) system; *Identify the types of tubes used for tube feedings; *Recognize the process of constipation and diarrhea.
Body Systems	The Musculoskeletal System	0	none	12/31/11	*Recognize the structure and function of the skeletal system; *Recognize the structure and function of the muscular system; *Identify the effects of aging on the musculoskeletal system, associated injuries, and care methods for those injuries.
Body Systems	The Nervous System and Related Care	0	none	12/31/11	*List neurologic disorders associated with aging and degenerative changes; *Describe seizures and the care of patients who have had seizures; *Describe strokes and the care of patients who have had strokes; *Describe head and spinal cord injuries as well as the care of patients with head and spinal cord injuries.
Body Systems	The Reproductive System	0	none	12/31/11	*Identify the key elements of the male and female reproductive systems; *Define common reproductive system disorders as well as related treatment and care; *Recognize the basic elements of human sexuality; *Specify sexually transmitted diseases (STDs), how they are transmitted, and how you can avoid contracting them from infected patients.
Body Systems	The Respiratory System	0	none	12/31/11	*Identify the anatomic structures of the respiratory system; *List the common respiratory disorders that affect many patients seeking Healthcare; *Specify the UAP patient care responsibilities.

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Clinical Care Fundamentals	Care of the Patient With an Ostomy	0.9	CNE	12/31/13	*Identify types of ostomies and their characteristics ; *Recognize nursing care for patients with ostomies.
Clinical Care Fundamentals	Introduction to Fluid and Electrolyte Imbalance	1.3	CNE	12/31/13	*Describe normal bodily fluid balances and electrolyte balances; *Distinguish types of fluid imbalances and electrolyte imbalances; *Identify nursing interventions and supportive care used for patients with fluid imbalances and electrolyte imbalances.
Clinical Care Fundamentals	Introduction to Healthcare Systems	0	none	12/31/11	*Describe the healthcare environment and delivery system; *Identify acute care facilities; *List nonacute care facilities; *Discuss organization within healthcare facilities; *Identify members of the nursing team; *Describe models of care delivery; *List types of healthcare plans; *Differentiate between managed care and prospective payment systems.
Clinical Care Fundamentals	The Role of the Nursing Assistant	0	none	12/31/11	*Identify the functions of unlicensed assistive personnel (UAP); *Describe the optimal health, appearance, and attitude of a UAP; *Describe the federal regulation that requires UAP training and competency programs and discuss the responsibilities involved in delegation; *Investigate ethical considerations of a UAP and define consent; *Describe legal issues that affect UAPs.
Clinical Care Fundamentals	Urinary Incontinence	0.8	CNE	12/31/13	*Identify general facts about urinary incontinence; *Specify the major methods of treatment and care for urinary incontinence.
Creating the Patient's Environment	Admitting, Transferring, and Discharging Patients	0	none	12/31/11	*Specify the UAP's role in the admission process; *Identify the UAP's role in patient transfers; *Define the UAP's role in patient discharges.
Creating the Patient's Environment	Bedmaking	0	none	12/31/11	*Identify and describe the four types of hospital beds and how to care for linens; *Demonstrate how to make the four types of hospital beds.
Creating the Patient's Environment	Personal Care of the Patient	0	none	12/31/11	* List the types of care that are routinely provided everyday to patients; *Distinguish between the types of personal care that can be used when bathing the patient; *Identify other areas of personal care that should be addressed in addition to oral hygiene and skin care
Creating the Patient's Environment	The Patient's Environment	0	none	12/31/11	*Identify ways to control the environment for patient comfort; *Specify the safe use of furnishings in a patient's room; *Specify the safe use of the standard equipment in a patient's room; *Identify clinical care items in the patient's room; *Specify proper maintenance of the patient's environment.
Healthcare Communications	Basic Human Needs	0	none	12/31/13	*Identify the differences between Erik Erikson's theory and Abraham Maslow's theory of human behavior; *Differentiate among the five human needs and appropriate unlicensed assistive personnel (UAP) interventions.
Healthcare Communications	Communication in the Healthcare Environment	0	none	12/31/13	*Identify the best way to communicate with other members of the healthcare team; *Explain the nursing process used to facilitate communication among healthcare delivery team members; *Identify the two major methods of observation used by unlicensed assistive personnel (UAP); *Objective and subjective: To gather patient information.
Healthcare Communications	Communications with Patients, Residents, and Clients	0	none	12/31/13	*List the ways that effective communication is used to promote patient rights; *Describe customer-focused care; *Discuss several methods for helping patients with the trauma of hospitalization.
Medication Administration	Absorption and Distribution of Drugs	0.9	CNE	12/31/11	*Describe the pharmacokinetic mechanism of drug absorption; *Describe the pharmacokinetic mechanism of drug distribution.
Medication Administration	Adrenergic Agents	1.3	CNE	12/31/11	*Describe the action and usage of alpha 1-alpha 2 stimulants; *Describe the action and usage of alpha 2 stimulants; *Describe the action and usage of beta and alpha beta stimulants; *Describe the action, effects, and usage of pre- and postsynaptic agents; *Describe the action, effects, and usage of adrenergic blocking agents.
Medication Administration	Age-Specific Considerations with Dosage Calculations	1	CNE	12/31/13	*Calculate dosages based on a patient's weight &nbsp; * Calculate dosages based on a patient's body surface area (BSA).&nbsp; *Identify age-dependent dosage considerations.
Medication Administration	Analgesics	1.2	CNE	12/31/11	*Recognize how common analgesic agents decrease the intensity of the upward pain pathway; *Specify the uses, effects, and contraindications of aspirin; *Identify frequently used aspirin alternatives, their effects, and their contraindications; *Recognize the uses, effects, and contraindications of common narcotics and related non-narcotics.
Medication Administration	Antibiotics	1.6	CNE	12/31/11	*Differentiate among the antibacterial categories of sulfonamides, penicillins, and cephalosporins; *Describe the antibacterial categories of aminoglycosides, tetracycline, and macrolides as well as the uses of miscellaneous antibiotics; *Determine the characteristics of gram-positive and gram-negative bacteria as well as bacterial resistance to certain antibiotics.
Medication Administration	Anticonvulsant Drugs	0.9	CNE	12/31/11	*Differentiate the types of seizures associated with epilepsy; *Explain the action, usage, and side effects of phenytoin (Dilantin); *Identify commonly used anticonvulsants other than Dilantin.

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Medication Administration	Antidepressants	0.7	CNE	12/31/11	*Describe different types of depression and associated symptoms; *Categorize antidepressants into three major categories: monoamine oxidase inhibitors (MAOIs), tricyclics, and serotonin-specific reuptake inhibitors (SSRIs); *Describe commonly prescribed antidepressants and their common dosages and side effects.
Medication Administration	Antihistamines	1	CNE	6/30/12	*Define the types of ulcers and describe their pathophysiology; *Detail the various pharmacologic treatments for ulcers; *List the histamine blockers used to treat typical asthma; *Describe the drugs used in the treatment of atypical asthma.
Medication Administration	Antiparkinson's Drugs and Skeletal Muscle Relaxants	0.8	CNE	12/31/11	*Describe common pharmacological treatments for Parkinson's disease; *Identify common centrally acting skeletal muscle relaxants.
Medication Administration	Antipsychotics	0.9	CNE	12/31/11	*Define Type I and Type II schizophrenia; *Identify antipsychotic drugs, their side effects, and the dosages used to treat schizophrenia.
Medication Administration	Barbiturates and Related Drugs	0.8	CNE	12/31/11	*Identify the general effects and different types of barbiturates; *Specify why barbiturates no longer are used to induce sleep; *List the dangers of using barbiturates; *Identify the contraindications for barbiturates and the drugs that are related to them.
Medication Administration	Benzodiazepines	0.8	CNE	12/31/11	*Describe the uses of benzodiazepines; *Identify the effects and complications of benzodiazepines; *Distinguish the types of benzodiazepines and nonbenzodiazepines.
Medication Administration	Diabetic Pharmacology	0.8	CNE	12/31/11	*Identify the two types of diabetes and insulin treatment; *Specify the method of drug therapy for type I diabetes; *Specify the method of drug therapy for type II diabetes.
Medication Administration	Dosage Calculation in Critical Care Units	1	CNE	12/31/13	*Calculate medication dosages based on weight; *Calculate the flow rate for intravenous medications; *Calculate mix amounts for enteral feeding solutions.
Medication Administration	Dosage Calculation of Enteral Medications	0.9	CNE	12/31/13	*Identify common abbreviations used to administer medications through enteral routes; *Calculate the number of tablets or capsules needed to deliver the prescribed oral dosages; *Calculate the fluid amount needed to deliver prescribed dosages.
Medication Administration	Dosage Calculation of Parenteral Medications	1.1	CNE	6/30/13	* Interpret abbreviations commonly used in the administration of parenteral medications; *Calculate and measure parenteral dosages of medications; *Calculate and administer insulin dosages; *Reconstitute parenteral medications.
Medication Administration	Drug Elimination	0.8	CNE	12/31/11	*Recognize characteristics of hepatic and renal excretion; *Identify how drug half-life and first and zero order kinetics are used in calculating drug metabolism and excretion.
Medication Administration	Drug Treatment of Angina, Cardiac Arrhythmias, Blood Coagulation, and Hyperlipidemia	1.2	CNE	12/31/12	*Identify the drugs used in the treatment of angina; *Recognize drugs used in the treatment of cardiac arrhythmias; *Specify which drugs affect coagulation of the blood; *Identify the drugs used in the treatment of hyperlipidemia.
Medication Administration	Drug, Metabolism, Efficacy, and Potency	0.8	CNE	12/31/11	*Identify the process of phase I metabolism; *Identify the process of phase II metabolism; *Specify drug efficacy and potency; *Identify how to calculate therapeutic index.
Medication Administration	Drugs and the Autonomic Nervous System	1.1	CNE	12/31/11	*Identify and discuss the action, use, and side effects of direct-acting muscarinic agents; *Identify and discuss the action, use, and side effects of cholinesterase inhibitors; *Identify and discuss the action, use, and side effects of antimuscarinics; *Specify the interaction of drugs that affect the autonomic nervous system.
Medication Administration	Enteral and Cutaneous Medication Administration	0	none	6/30/13	*Detail the techniques for safe enteral administration of medication; *Describe the techniques for safe cutaneous administration of medication.
Medication Administration	Essential Math for Dosage Calculation	1.5	CNE	6/30/13	*Perform basic calculations involving fractions; *Perform basic calculations involving decimals; *Perform basic calculations involving ratios; *Perform basic calculations involving percentages.
Medication Administration	Function of the Autonomic Nervous System	0.9	CNE	12/31/11	*Specify the derivation of nervous system terminology; *Identify the role and structures of the autonomic nervous system; *Identify the pharmacological classifications of the autonomic nervous system.
Medication Administration	Introduction to Endocrine Drugs	0.9	CNE	12/31/11	*Describe the indications and contraindications for thyroid hormone replacement therapy; *Describe the indications and contraindications for estrogen replacement therapy; *Describe the indications and contraindications for glucocorticoid therapy.
Medication Administration	IV Therapy	0.7	CNE	6/30/13	*Cite common abbreviations, fluids, and fluid strengths used in IV therapy; *Apply basic calculations to properly administer and monitor IV fluids.
Medication Administration	Measurement Systems	0.6	CNE	6/30/13	*Identify units of measure and equivalents within each of the three systems of measurement; *Convert units of measure from one system to another system when doing dosage calculations.

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Medication Administration	Methods of Calculating Parenteral Medication	0.5	CNE	6/30/13	*Apply the formula method when calculating parenteral medication dosages; *Apply the ratio and proportion method when calculating parenteral medication dosages; *Use dimensional analysis when calculating parenteral medication dosages.
Medication Administration	Methods of Dosage Calculation	0.8	CNE	6/30/13	*Apply the formula method to calculate medication dosage; *Apply the ratio and proportion method to calculate medication dosage; *Apply dimensional analysis to calculate medication dosage.
Medication Administration	Parenteral Medication Administration	1	CNE	12/31/13	*Specify the administration of medication via parenteral routes; *Specify the administration of medications through intravenous (IV) infusion.
Medication Administration	Pharmacologic Agents Used in the Treatment of Congestive Heart Failure	0.8	CNE	12/31/11	*Identify the etiology of congestive heart failure (CHF) and the effects of digoxin (Lanoxin) in treating CHF; *Explain how diuretics regulate fluids in the kidneys; *Identify the drugs used to treat hypertension.
Medication Administration	Therapeutic Agents Used to Treat Chronic Hypertension	0.8	CNE	12/31/12	*Identify physiologic responses to changes in blood pressure; *Specify drugs that inhibit ACE activity; *Specify calcium channel blockers.
Medication Administration	Treatment of Human Immunodeficiency Virus	0	none	12/31/11	*Describe the etiology and pathophysiology of the human immunodeficiency virus (HIV); *Identify the major interventions and opportunistic infections associated with HIV.
Moving and Positioning the Patient	Moving and Transferring Patients	0	none	9/30/12	*Describe the principles and safety guidelines for moving and transferring patients; *Explain how to move and position a patient who is in a hospital bed; *Describe how to assist patients with getting into and out of hospital beds, on and off toilets, and into and out of cars.
Moving and Positioning the Patient	Proper Body Mechanics and Positioning the Patient	0	none	12/31/11	*Use proper body mechanics to prevent work-related injuries; *Apply proper body mechanics to moving patients into common bed positions.
Pain Assessment and Management	Assessing Pain	1.1	CNE	6/30/13	*Recognize the general principles of pain assessment; *Identify questions, pain scales, and documentation used for pain assessments; *Differentiate various categories of pain.
Pain Assessment and Management	Inadequate Pain Management	1	CNE	6/30/13	*Recognize the prevalence of untreated pain in hospital settings; *Identify key points in the current Joint Commission pain standard; *Identify factors contributing to the undertreatment of pain in the United States.
Pain Assessment and Management	Managing Pain in Special Populations	0.9	CNE	6/30/13	*List the steps involved in postoperative pain management; *Identify how patient age impacts pain management; *Identify ways to assess pain in patients with communication barriers.
Pain Assessment and Management	Pain Medication and Nonpharmacologic Pain Management	1.3	CNE	6/30/13	*Recognize the role of nonopioid analgesics in pain management ; *Identify the role of opioids in controlling pain; *Specify the role of adjuvant analgesics and nonpharmacological approaches in pain management.
Patient Care	Care of the Surgical Patient	0	none	12/31/13	*Identify the components of preoperative care of a surgical patient; *Identify the components of surgical patient care during the early postoperative period.
Patient Care	Growth and Development	0	none	12/31/11	*Define growth and development and identify the eight stages of Erikson's human development model; *List attributes of Erikson's eight life stages of human development.
Patient Care	Measuring Vital Signs	0	none	12/31/13	*Distinguish the four vital signs; *Specify the procedure for taking a patient's temperature; *Specify the procedure for measuring the pulse rate; *Specify the procedure for measuring the respiratory rate; *Specify the procedure for measuring the blood pressure.
Patient Care	Special Procedures	0	none	12/31/13	*Specify the care of the patient with an intravenous (IV) infusion; *Specify the proper application of binders; *Specify the proper application of antiembolism devices; *Identify how to assist the patient with respiratory exercises.
Patient Care	Specimen Collection	0	none	12/31/13	*Identify general guidelines for obtaining body fluid specimens; *Specify the collection of routine urine specimens; *Specify the collection of clean-catch urine specimens; *Specify the collection of 24-hour urine specimen; *Specify the collection of double-voided urine specimens; *Specify the procedure for straining urine; *Specify the collection of sputum specimens; *Specify the collection of stool specimens.
Patient Care	Warm and Cold Applications	0	none	12/31/13	*Identify the uses of warm and cold therapies; *Identify ways to prevent injury during warm and cold therapies; *Specify the application of warm therapies; *Specify the application of cold therapies.
IV Therapy	Anatomy and Physiology of the Vascular System	0.7	CNE	12/31/11	*Identify the components of the vascular system with reference to their relevance for IV therapy; *Discuss the structure and function of the integumentary system as it affects IV and infusion therapy; *Describe the structure and function of the musculoskeletal system in relation to intraosseous therapy; *Identify the components of the central venous system and their role in large vein infusion therapy.

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IV Therapy	Central Venous and Subcutaneous Therapy	1.3	CNE	12/31/13	*Identify the anatomy and physiology of the central venous system, and discuss considerations of site selection and indications for the appropriate use of central veins for infusion therapy; *Differentiate the types of devices available for central venous infusion therapy, and outline considerations involved in selecting the appropriate device; *Recognize the purpose, mechanism, and procedure for monitoring central venous pressure in the patient; *Assess the possible complications associated with central venous therapy, and how to recognize, differentiate, and respond to them; *Define the duties involved in the maintenance of subcutaneous infusion therapy, and explain the importance of patient and family education; *Identify the client considerations and clinical situations for which subcutaneous therapy may be appropriate, and list the steps initiating therapy.
IV Therapy	Fluid and Electrolyte Therapy	1.3	CNE	12/31/13	*Examine the principles of fluid and electrolyte therapy; *Identify types of fluid and intravascular volume overload; *Recognize electrolyte imbalances: sodium; *Recognize electrolyte imbalances: chloride and potassium; *Recognize electrolyte imbalances: calcium; *Recognize electrolyte imbalances: magnesium and phosphate.
IV Therapy	Fluids and Electrolytes	0.8	CNE	12/31/13	*Identify the fluid compartments within the body, fluid gain and loss, and solutes in body fluids; *Distinguish the characteristics of electrolytes; *Differentiate passive and active transport and the process of osmosis.
IV Therapy	General Concepts of Intravenous Medication Administration	1	CNE	12/31/13	*Identify the principles of intravenous medication administration; *Explain the reasons for drug incompatibility and instability; *Determine the methods of IV drug administration; *Recognize precautions and responsibilities in administering IV drugs.
IV Therapy	Infusion Systems	1.2	CNE	12/31/11	*Identify the two common types of solution containers and their advantages and disadvantages; *Identify the components of an intravenous administration set and explain their function; *Explain the reasons for and types of in-line infusion filter; *Explain the proper procedure for infusing 'piggybacked,' or intermittent, medications using a traditional administration set; *Describe variations and additions to the standard administration set; *Identify the types of infusion regulation devices, and describe their characteristics and applications.
IV Therapy	Intravenous Therapy: Learning Path Overview and Professional Issues	0.8	CNE	12/31/13	*Define the nature and purpose of intravenous therapy as practiced by the nursing profession; *Differentiate the roles and responsibilities of the infusion nurse, physician, pharmacist, and dietitian in the practice of IV therapy; *Analyze professional issues surrounding nurses' practice of IV therapy.
IV Therapy	Legal Aspects and Case Study of IV Therapy	1.1	CNE	12/31/13	*Understand the history of IV therapy and describe how it has shaped current legislation and professional competencies for nurses; *Demonstrate the correct method for inserting an IV access device; *Use knowledge of IV therapy to positively resolve an actual case study.
IV Therapy	Major Classifications of Intravenous Medications	1.8	CNE	12/31/13	*Classify major antimicrobials and describe their functions; *Distinguish the roles and properties of antineoplastic drugs; *Identify autonomic medications and their impact on the nervous system; *Identify the function of anticoagulants and hemostatics; *Recognize how thrombolytics and cardiovascular drugs restore cardiac and venous function; *Differentiate the types of central nervous system medications and the disorders they are used to treat.
IV Therapy	Parenteral Nutrition	1	CNE	12/31/13	*Identify the indications for parenteral nutrition, the various types of malnutrition, and the effects malnutrition and vitamin deficiencies have on the body; *Differentiate the components of nutritional assessment, analyze body composition, describe basal metabolic rate, and perform formulas for determining proper caloric intake; *Describe the components, preparations, and administration techniques of partial and total parenteral nutrition solutions; *Recognize common complications of parenteral nutrition and what is involved in educating patients for home infusion.
IV Therapy	Peripheral Intravenous Therapy	1.6	CNE	12/31/13	*List the procedures required to prepare for intravenous insertion, and discuss the decisions to be made in this process; *Define the process of insertion, and outline some of the options available to the practitioner at this point; *List the tasks involved in intravenous infusion maintenance and discontinuation; *Analyze the possible site-related complications possible in intravenous therapy as well as their prevention and treatment; *Distinguish how to prevent, recognize, differentiate, and respond to possibly severe systemic complications from infusion therapy.
Medication Administration	Accuracy and Safety in Dosage Calculations	1	CNE	6/30/13	*Identify the five rights of medication administration; *Identify methods of accurate and safe medication administration; *Interpret medication orders correctly; *Interpret medication labels accurately.
Medication Administration	Essentials of Medication Administration	1.1	CNE	6/30/13	*Identify the five rights of medication administration; *Interpret medication orders correctly; *Read medication labels accurately; *Enteral Medication Administration; *Cutaneous Medication Administration.
Gerontology	Common Psychological Stressors in the Geriatric Population	2	CNE	12/31/11	*Recognize the implications of chronic illnesses on the geriatric population; *Describe what loss, death, and dying may mean to the older adult and related family members; *Identify classifications of pain and common causes in the geriatric population; *Describe the physiology of the immune system and factors causing changes in the system; *Discuss cancer, several preventative measures, and way to help patients cope; *Define substance abuse and describe risk factors and assessment techniques in the elderly population.
Gerontology	Geriatric Assessment	1.6	CNE	12/31/12	*Identify the assessment modifications that may be necessary when assessing an older adult; *Identify the basic components of a health history; *Identify the techniques necessary to perform a physical examination on a geriatric patient; *Identify variations in laboratory values and discuss ways to manage medications.

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Topic Area	Course Title	Credits	Credit Type	Inactivation Date	Learning Objectives
Gerontology	Influences on Health and Illness	2.2	CNE	12/31/11	*Identify key concepts and recognize dominant values that exist amongst different cultures; *Identify cultural stumbling blocks and building blocks related to the care of the older adult; *Explore family issues concerning the elderly; *Identify the issues families encounter when performing the caregiver role; *Identify ethical and legal issues in gerontology.
Gerontology	Physiological Disorders in Gerontologic Patients	1.6	CNE	12/31/13	*Identify common cardiovascular problems that affect older adults, and explain nursing management for these problems; *Identify common respiratory conditions associated with the elderly, and treatment for these conditions; *Recognize the changes in the endocrine system among an aging population; * Distinguish liver structure and function, and common conditions that affect elderly patients; *Identify the structure and function of the GI tract, and list common problems that affect the aging patient; *Evaluate the structure and function of the urinary tract system, and identify problems that arise due to aging.
Gerontology	Physiological Systems and the Implications of Age	1.4	CNE	12/31/11	*Identify age-related changes in the neurological system; *Identify age-related changes in the integumentary system; *Identify age-related changes in the special senses; *Identify age-related changes in the musculoskeletal system.
Gerontology	Special Issues in Gerontology	1.5	CNE	12/31/13	*Identify sleep issues in the geriatric population; *Recognize sexuality issues that concern the elderly; *Identify safety issues for the elderly; *Specify mental health issues of the elderly; *Identify issues in geriatric nutrition.
Gerontology	Special-Care Settings of the Elderly	1.1	CNE	12/31/13	*Identify the factors involved in acute care settings and the geriatric population; *Identify the factors involved in non-institutional settings and the geriatric population; *Identify the factors involved in long-term care settings and the geriatric population.
Hispanic Culture and Communication	Basic Medical Spanish	1.6	CNE	12/31/12	*Identify which syllable to stress when pronouncing a Spanish word; *Identify how to pronounce consonants in Spanish as well as vowels and vowel pairs; *Identify how to pronounce consonants in Spanish that have different sounds depending on their placement in a word; *Identify sounds that are unique to Spanish.
Hispanic Culture and Communication	Conversational Spanish for Healthcare Professionals	1.7	CNE	12/31/12	*Recognize how to communicate basic greetings in Spanish; *Recognize how to communicate personal information in Spanish; *Recognize how to ask questions in Spanish about a patient's English language ability; *Recognize aspects of Hispanic culture; *Recognize words and phrases in Spanish concerning the assessment of the patient.
Hispanic Culture and Communication	Hispanic Cultures	2.3	CNE	12/31/12	*Recognize the need for medical Spanish and Cultural competency as it relates to the care of patients; *Learn about the geography, diet and specific health risks of Hispanic patients; *Learn about Hispanic health care beliefs and practices that influence the recovery and compliance with the plan of care; *Recognize Hispanic Family Roles, Worldview and Assimilation; *Learn how to communicate basic greetings in Spanish, understand the difference between high and low context communication and how to best work with interpreters.
Pediatrics	Alterations in Neurologic Conditions in Children	1	CNE	12/31/11	*Recognize the characteristics of breath-holding spells in children; *Recognize the characteristics of headaches in children; *Recognize the characteristics of attention deficit hyperactivity disorder.
Pediatrics	Assessing the Abdomen and Musculoskeletal and Neurologic Systems of a Pediatric Patient	0.9	CNE	6/30/13	*Identify the key components of an infant's or a child's abdominal assessment; *Describe the key components of an infant's or a child's musculoskeletal system assessment; *Explain the key components of an infant's or a child's neurologic system assessment.
Pediatrics	Birth to 12 Months	1	CNE	6/30/13	*Identify the normal growth and developmental milestones for newborns from birth to 2 months of age; *Analyze the normal growth and developmental milestones for infants from 2 to 4 months of age; *Examine the normal growth and developmental milestones for infants from 5 to 8 months of age; *Identify the normal growth and developmental milestones for infants from 9 to 12 months of age.
Pediatrics	Chronic Conditions of the Respiratory Tract	1.8	CNE	3/31/13	N/A
Pediatrics	Common Treatments for Alterations in the Pediatric Respiratory System	0.9	CNE	3/31/13	*Recognize methods of oxygen delivery in the pediatric population; *Identify the components of chest physiotherapy, tracheostomy care, and common respiratory medications.
Pediatrics	Growth and Development of the Toddler and Preschooler	0.8	CNE	6/30/13	*Identify the normal developmental milestones for the toddler; *Identify normal developmental and physical changes in the third through the fifth years of life.
Pediatrics	Infections of the Lower Respiratory Tract	0.9	CNE	3/31/13	*Identify the clinical components of bronchiolitis and respiratory syncytial virus; *Identify the clinical components of bronchitis and pneumonia.
Pediatrics	Neurologic Trauma in Pediatric Patients	1.2	CNE	12/31/12	*Identify treatment for children with head or cerebral trauma; *Identify treatment for children with increased intracranial pressure; *Identify treatment for children with spinal cord injuries.
Pediatrics	Overview of Pediatric Physical Assessment Techniques	1.1	CNE	6/30/13	*Communicate effectively in order to facilitate the physical examination of the infant and child; *Practice correct techniques for obtaining weight, length, and height on an infant or child; *Demonstrate the appropriate techniques for obtaining children's vital signs; *Effectively practice techniques of inspection, palpation, percussion, and auscultation.

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Pediatrics	Physical Assessment of Infants and Children	1.5	CNE	6/30/13	*Identify methods for inspecting the respiratory system; *Specify procedures for performing palpation, percussion, and auscultation on a child's respiratory system; *Differentiate between normal and abnormal breathing sounds; *Identify correct techniques for inspecting and palpating the cardiac system in infants and children; *Recognize how to auscultate the cardiac system.
Pediatrics	Physical Assessment of the Infant's and Child's Head and Neck	0.9	CNE	6/30/13	*Assess the skull's fontanel and sutures as well as the neck's thyroid and trachea when examining the infant or child; *Identify the physical assessment steps for examining the auditory system of the infant or child; *Outline the physical assessment of the eyes, nose, and throat of the infant or child.
Pediatrics	Reye's Syndrome, Tetanus, and Botulism in Children	0.9	CNE	12/31/11	*Identify manifestations of and interventions for tetanus; *Identify manifestations of and interventions for botulism.
Pediatrics	The Adolescent	0.8	CNE	6/30/13	*Describe the physical growth and development of the adolescent; *Explain the psychosocial development of the adolescent.
Pediatrics	The Child With Infections of the Central Nervous System	0.9	CNE	12/31/11	*Identify the key concepts of meningitis; *Identify the key concepts of primary encephalitis; *Identify the key concepts of brain abscess.
Pediatrics	The Child With Infections of the Upper Respiratory Tract	1.4	CNE	6/30/13	*Identify nasopharyngitis, allergic rhinitis, and sinusitis and explain nursing management of these conditions; *Identify croup and bacterial tracheitis and explain nursing management of these conditions; *Identify epiglottitis and explain nursing management for the condition.
Pediatrics	The School-Age Child	0.7	CNE	6/30/13	*Identify normal developmental and physical changes in a 6-year-old child; *Describe normal developmental and physical changes in 7- to 9-year-old children; *Explain normal developmental and physical changes in 10- to 12-year-old children.
Pediatrics	The Skin, Hair, Nails, and Lymphatic System	0	none	6/30/13	*Describe the basic components for assessing of an infant's or child's skin, hair, and nails; *Identify and characterize primary and secondary skin lesions on an infant's or child's epidermis; *Recognize normal and abnormal findings when assessing an infant's or child's lymphatic system.