

HOMELINKU Course Catalog as of 1-15-2015

AGE001 – The Aging Process

This course is the first in a series of courses that examines the aging process and its effects on the human body. Learning objectives: 1. Explain the difference between chronological, biological and psychological age; 2. Explain how healthy aging is achieved; 3. Describe the effects of aging on cells and organs; 4. Describe the effects of aging on all the systems of the body; 5. Explain interventions and methods to mitigate unhealthy effects of aging; 6. Define geriatric syndromes and describe the differences between the experiences of older and younger people with respect to certain disorders; 7. Describe the indirect influences that affect the aging process. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 Category 1 CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

AGE002 – Communicating with the Elderly

This course explains the reasons why consideration of the special communication needs of the elderly is important. This course includes a number of ideas about how you can improve your ability to communicate effectively with older clients and presents a number of ideas, tips and action steps to facilitate communication with this increasingly important demographic. Many of these suggestions are applicable for all age groups, but they are particularly important for older adults, for whom less than optimal communication can have more serious negative consequences. Learning objectives: 1. Explain why communicating effectively with the elderly is important; 2. Explain how to communicate effectively with aging clients in the home; 3. Explain how to communicate effectively with aging clients in the HME store; 4. Describe the negative consequences of unclear communication. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 Category 1 CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

AGE003 – Aging and Ethnicity

Home medical equipment employees working with elderly patients from a variety of ethnic groups need to be aware of the cultural differences among those groups in order to build an effective, beneficial relationship that fosters good communication and compliance. This course provides an overview of ethnogeriatrics which is the influence of ethnicity and culture on the health and well-being of older adults. Learning objectives: 1. Identify how ethnicity influences attitudes and behaviors; 2. Explain how to respect cultural differences that affect health care decisions; 3. Identify examples of cultural awareness and sensitivity to improve communication with the aging of diverse ethnicities. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 Category 1 CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

AGE004 – Aging and Memory

Because effective communication relies so heavily on memory, knowing how aging effects memory is essential to the successful interaction of HME services providers and patients. This course provides an overview of how aging affects memory. Learning objectives: 1. Explain how memory and the brain change as we age; 2. Describe the differences between normal aging and abnormal aging of the brain; 3. Differentiate the types of memory that decline as we age and the types that do not; 4. Explain how memory decline can affect caregiving; 5. Describe methods to help maintain and improve memory function. To successfully complete this course, you must attain a minimum score of 80 percent on the final exam and complete the course training survey. Continuing Education: 1.0 Category 1 CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

AGE005 – Overview of Alzheimer's Disease

Alzheimer's disease is an irreversible, progressive brain disease that slowly destroys memory and thinking skills and eventually even the ability to carry out the simplest tasks. This course provides an overview of the prevalence, causes and risk factors of the disease. Learning objectives: 1. Describe the changes in the brain that occur with Alzheimer's disease; 2. List the early signs and symptoms of

Alzheimer's disease; 3. Explain the causes of Alzheimer's disease; 4. Explain the diagnosis and treatment of Alzheimer's disease; 5. Cite examples of the ongoing research associated with Alzheimer's disease. To successfully complete this course, you must attain a minimum score of 80 percent on the final exam and complete the course training survey. Continuing Education: 1.0 Category 1 CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

AGE006 – Aging and Depression

HME staff who interact with the aging population are almost certainly going to be interacting with clients suffering from depression. This course provides an overview of the causes and risk factors, signs and symptoms, and diagnosis and treatment of depression in the elderly population. Learning objectives: 1. Describe the effects of depression on the aging population; 2. Identify the causes of depression in the elderly; 3. Explain the difference between depression and dementia in older people; 4. Identify the signs and symptoms of depression; 5. Explain the treatment and prevention options for depression in the elderly. To successfully complete this course, you must attain a minimum score of 80 percent on the final exam and complete the course training survey. Continuing Education: 1.0 Category 1 CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

AGE007 – Aging and Diabetes

Managing diabetes in the elderly presents many challenges. This course provides an overview of those challenges and how they can be met. Learning objectives: 1. Explain how the aging process contributes to diabetes as well as how diabetes contributes to the aging process; 2. Explain the difference between glucose intolerance and insulin resistance; 3. Identify the symptoms of Type 2 diabetes and the tests used in its diagnosis; 4. Describe the complications of Type 2 diabetes in the elderly; 5. Describe the methods for managing diabetes in the elderly and how aging affects those methods. To successfully complete this course, you must attain a minimum score of 80 percent on the final exam and complete the course training survey. Continuing Education: 1.0 Category 1 CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

AGE008 – Aging and Malnutrition

This course takes a look at malnutrition – the state of being poorly nourished – and the effects it can have on the elderly population. Learning objectives: 1. Define malnutrition in the elderly and its prevalence; 2. Recognize the risk factors and signs and symptoms of the malnourished elderly; 3. Explain the causes of malnutrition in the elderly; 4. Describe the interventions and treatments of malnutrition among the elderly. To successfully complete this course, you must attain a minimum score of 80 percent on the final exam and complete the course training survey. Continuing Education: 1.0 Category 1 CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

AGE009 – Aging and Sleep Disorders

This course reviews the effects, causes and treatment options of sleep disorders among the elderly population. Learning objectives: 1. Describe the different stages of normal sleep and how they are regulated; 2. Describe the normal changes in sleep patterns as we age; 3. Explain the major sleep disorders and how they are caused in the elderly; 4. Explain the treatment options for sleep problems in the elderly; 5. Describe the methods to help prevent sleep problems in the elderly. To successfully complete this course, you must attain a minimum score of 80 percent on the final exam and complete the course training survey. Continuing Education: 1.0 Category 1 CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

AGE010 – Aging and Cardiovascular Disease

This course will explain how the aging process contributes to changes in the cardiovascular system. Learning objectives: 1. Explain how the aging process changes the structures and functions of the heart, blood vessels and blood; 2. Describe how aging processes become diseases and what causes them; 3. Identify the cardiovascular diseases that most affect the elderly; 4. Describe the symptoms of the cardiovascular diseases that affect the elderly; 5. Describe the treatments for and preventions of cardiovascular diseases for the elderly. To successfully complete this course, you must attain a minimum score of 80 percent on the final exam and complete the course training survey. Continuing Education: 1.0 Category 1 CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); 1.0 contact hour by the

Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

AGE011 – Diabetes and Depression in the Elderly

This course examines the relationship between diabetes and depression among the elderly population. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Learning objectives: 1. Explain the relationship between the elderly and depression; 2. Describe the signs and symptoms of depression in the elderly diabetic; 3. Explain the relationship between depression and diabetes in the elderly; 4. Explain how the physical and psychosocial changes related to the aging process affect diabetes and depression; 5. Describe the treatment/management options for depression in the elderly with diabetes. Continuing education: 1.0 Category 1 CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

AGE012 – Marketing to Seniors

This course provides some effective approaches to selling to an ever-growing market of Americans: seniors, those 60 years of age and older. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Learning objectives: 1. Describe the growth and potential of seniors as a market; 2. Describe how baby boomers are changing the senior market and the importance of family caregivers in that market; 3. Explain the difference between chronological age and cognitive age; 4. Explain the importance of building relationships and word of mouth referrals when marketing to seniors; 5. Explain the role of email and social media in marketing to seniors; 6. Recite the guidelines regarding print/type in advertising materials for seniors; 7. Explain the role of customer service in selling to the elderly; 8. Demonstrate how to appeal to seniors in the retail store. Continuing education: 1.0 Category 2 CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

AGE013 – Aging and Chronic Kidney Disease

This course will explain how the aging process contributes to chronic kidney disease. To successfully complete this course, you must attain a minimum score of 80 percent on the final exam and complete the course training survey. Learning objectives: 1. Explain the functions of the kidneys; 2. Describe the effects of aging on the kidneys and chronic kidney disease (CKD); 3. Explain the causes and risk factors of CKD; 4. Describe the symptoms of CKD; 5. Discuss what can be done to treat and prevent CKD in the elderly. Continuing Education: 1.0 Category 1 CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

AGE014 – Aging and Stroke

This course reviews the relationship between aging and stroke. To successfully complete this course, you must attain a minimum score of 80 percent on the final exam and complete the course training survey. Learning objectives: 1. Explain the relationship between aging and stroke; 2. Describe what a stroke is and the types of stroke; 3. Recognize the signs and symptoms of stroke; 4. Cite the prevalence/incidence of stroke in various populations; 5. Identify the risk factors for stroke; 6. Describe how diagnoses are made, what treatments are available and the factors for maintaining life after stroke. Continuing Education: 1.0 Category 1 CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

AGE015 – Aging and Perioperative Care

Unique challenges can arise when performing perioperative care for older surgical patients. This course reviews the challenges of performing such care that all members of a patient's health care team should be aware. To successfully complete this course, you must attain a minimum score of 80 percent on the final exam and complete the course training survey. Learning objectives: 1. Describe the continuum of preoperative, surgery and postoperative surgery in the care of elderly patients; 2. Explain the importance of preoperative evaluation for the elderly, including informed consent, history and nutritional status, mental status, and physical exam; 3. Explain the risks of surgery for the elderly; 4. Identify the barriers to recovery after surgery for the elderly; 5. Explain the postoperative problems and predictors of those problems for the elderly; 6. Explain the importance of pain management, discharge planning and family conferences for the elderly following surgery. Continuing education: 1.0 Category 1 CPE credits by the

Board for Orthotist/Prosthetist Certification (BOC); 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

BUS009 - The Impact of Standards of Practice on Case Management

This course addresses case management Standards of Practice (SOP) and the impact the standards have on the delivery of case management. Learning objectives: 1. Define SOP and explain the difference between SOP and Standards of Care; 2. Explain how and why the SOP were revised in 2002; 3. Explain why Informed Consent is critical to the case management profession; 4. Identify the reasons why case management services can be terminated. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 1.0 Category II CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

DMGT001 - Disease Management Programs: Improving Health While Reducing Costs?

Disease management is one approach that aims to provide better care while reducing the costs of caring for the chronically ill. This course was provided by the Center on an Aging Society. Learning objectives: 1. Explain why disease management programs have been developed and implemented; 2. Identify the six components of disease management; 3. Identify the disease states for which most disease management programs have been implemented in the United States; 4. Site examples of disease management programs that have reduced health care costs; 5. Site examples of disease management programs that have improved patient quality of life; 6. Identify the challenges that are common among all disease management programs. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 0.75 Business/Facility Management (B) PCEs by the American Board for Certification in Orthotics and Prosthetics (ABC); 1.0 Category I CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

DMGT002 - Health Risks of Being Overweight

This course examines the health risks of being overweight, such as Type 2 diabetes, heart disease and stroke, cancer, sleep apnea, osteoarthritis, gallbladder disease, and fatty liver disease. Learning objectives: 1. Identify the health risks associated with overweight; 2. Explain how each disease is linked to overweight; 3. Explain how losing weight can reduce or eliminate the health risks associated with overweight. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 1.0 Category I CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program. RESNA approves the 0.1 IACET CEUs for recertification.

DMGT003 - Obesity Among Older Americans

This course examines the health risks of being overweight, such as Type 2 diabetes, heart disease and stroke, cancer, sleep apnea, osteoarthritis, gallbladder disease, and fatty liver disease. Learning objectives: 1. Define obesity; 2. Identify those groups of adults who are more likely to become obese; 3. Explain why disability rates are higher among obese adults than non-obese adults; 4. Explain why symptoms of depression can accompany obesity; 5. Explain how obesity can affect a person's lifestyle; 6. Compare the rates of chronic conditions between obese adults and non-obese adults. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 1.0 Category I CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program. RESNA approves the 0.1 IACET CEUs for recertification.

DMGT004 - Understanding Obesity

One-third of American adults are obese, putting them at increased health risk for chronic diseases such as heart disease, Type 2 diabetes, high blood pressure, stroke and some forms of cancer. This course provides basic information about obesity. Learning objectives: 1. Define obesity; 2. Identify the causes of obesity; 3. Explain how obesity is measured; 4. Explain how to use the Body Mass Index; 5. Identify the consequences or health risks of obesity; 6. Explain how obesity can be treated. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 1.0 Category I CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); VGM

Education is authorized by IACET to offer 0.1 CEUs for this program. RESNA approves the 0.1 IACET CEUs for recertification.

DMGT005a - Overview of the Immune System

This course explains how the human immune system works, how vaccinations work to ward off existing and emerging infectious diseases, and some of the great strides that are being made to detect, treat and prevent disorders of the immune system. Learning objectives: 1. Explain how the immune system functions to ward off infection; 2. Explain the role of B cells, T cells and antibodies within the immune system; 3. Define emerging infectious diseases; 4. Identify at least three new ways that vaccines can be administered to fight infection; 5. Define immune deficiency diseases and autoimmune diseases. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. You should complete this course before completing the following courses: "Hepatitis C: Issues, Economics and Care Strategies," "Overview of Hepatitis B," and "Overview of HIV/AIDS." Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC), 1.0 Category I CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program. RESNA approves the 0.1 IACET CEUs for recertification.

DMGT005b – Overview of the Respiratory System

The respiratory system is a group of organs and tissues that help humans breathe. The main parts of the respiratory system are the airways, the lungs and linked blood vessels, and the muscles that enable breathing. This course provides an overview of the human respiratory system. Learning objectives: 1. Identify the major organs and tissues that make up the human respiratory system; 2. Identify the various airways within the respiratory system and explain the functions of each in the breathing cycle; 3. Explain how the lungs function during the breathing cycle; 4. Identify the muscles near the lungs that help during the breathing cycle; 5. Describe how inhalation and exhalation happens and what controls our breathing; 6. Identify at least four major lung diseases that can affect breathing. To successfully complete this course, you must attain a minimum score of 80 percent on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 1.0 Category I CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

DMGT005c – Overview of the Digestive System

The digestive tract consists of organs that help break down food into components that the body uses for energy and for building and repairing cells and tissues. This course provides an overview of the human digestive system, including a discussion of the major diseases that can affect it. Learning objectives: 1. Identify the major organs that make up the human digestive system; 2. Explain the function of each major digestive system organ; 3. Explain how food is digested and moved through the digestive tract; 4. Explain the role of digestive juices in the digestive process; 5. Explain the nutrient absorption and transportation process; 6. Identify at least five major digestive system diseases. To successfully complete this course, you must attain a minimum score of 80 percent on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 1.0 Category I CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

DMGT005d – Overview of the Musculoskeletal System

The human musculoskeletal system includes the bones of the skeleton and the muscles (along with the cartilages, ligaments, and other tissue) that connect the bones and work with the bones to maintain body position and produce controlled movement. This course provides an overview of the musculoskeletal system including a discussion of the major disorders that can affect it. Learning objectives: 1. Identify the two main parts of the skeletal system; 2. Describe the functions of the bones and how that functionality can be maintained; 3. Describe the two different shapes of bones and two different types of tissue they contain; 4. Identify the three different types of muscle and their respective functions; 5. Describe the anatomical and physiological function of joints, tendons, cartilage and ligaments; 6. Identify the disorders of the musculoskeletal system. To successfully complete this course, you must attain a minimum score of 80 percent on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 1.0 Scientific (S) Category I PCEs by the American Board for Certification in Orthotics and Prosthetics (ABC) will be granted to those certified in the disciplines of: Orthotics, Orthotic Assistants, Orthotic Technicians, Orthotic Fitters, Prosthetics, Prosthetic Assistants, Prosthetic Technicians, Mastectomy Fitters, Pedorthists, Therapeutic Shoe Fitters; 1.0 Category I CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

DMGT005e – Overview of the Circulatory System

The human circulatory system is also called the cardiovascular system and includes the heart, blood vessels and blood. This course provides an overview of the circulatory system including a discussion of the major disorders that can affect it. Learning objectives: 1. Identify the anatomical organs that make up the circulatory system; 2. Explain the basic functions of the organs of the circulatory system; 3. Describe the sequence of events that make up the cardiac cycle; 4. Explain the differences between arteries and veins; 5. Explain the function of blood and its properties; 6. Describe the four major types of circulatory disease. To successfully complete this course you are required to visit each page and score 80 percent or better on the final test. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 1.0 Scientific (S) Category I PCEs by the American Board for Certification in Orthotics and Prosthetics (ABC) will be granted to those certified in the disciplines of: Orthotists, Orthotic Assistants, Orthotic Technicians, Orthotic Fitters, Prosthetists, Prosthetic Assistants, Prosthetic Technicians, Mastectomy Fitters, Pedorthists, Therapeutic Shoe Fitters; 1.0 Category I CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); 1.0 Category I CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

DMGT005f – Overview of the Nervous System

The human nervous system is the body's control center and communications network; it controls all biological processes and movement in the body. The nervous system can also receive information and interpret it via electrical signals used in the system. This course provides an overview of the nervous system including a discussion of the major diseases that can affect it. Learning objectives: 1. Identify the two divisions of the nervous system and their relationship; 2. Explain the functions of the nervous system including its regulatory and coordinating functions; 3. Identify the four divisions of the brain and their purposes; 4. Describe the two parts of the peripheral nervous system and communication between the peripheral nervous system and the external and internal environment; 5. Identify the major medical conditions and diseases that affect the nervous system. To successfully complete this course, you must attain a minimum score of 80 percent on the final exam and complete the course training survey. Continuing education: 1.0 Scientific (S) Category I PCEs by the American Board for Certification in Orthotics and Prosthetics (ABC) will be granted to those certified in the disciplines of: Orthotists, Orthotic Assistants, Orthotic Technicians, Orthotic Fitters, Prosthetists, Prosthetic Assistants, Prosthetic Technicians, Mastectomy Fitters, Pedorthists, Therapeutic Shoe Fitters; 1.0 Category I CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

DMGT005g – Overview of the Lymphatic System

The lymphatic system is a major part of the human body's immune system, comprising of a network of conduits of nodes, ducts and vessels that produce and transport a fluid called *lymph* from tissues to the bloodstream. This course provides an overview of the lymphatic system including a discussion of the major diseases that can affect it. Identify and explain the three parts and three principal functions of the lymphatic system. Learning objectives: 1. Identify the organs that make up the lymphatic system; 2. Describe how lymph moves through the body and the organization of lymph drainage; 3. Describe the two types of lymphatic vessels; 4. Discuss the major cancers, infections and other diseases of the lymphatic system. To successfully complete this course, you must attain a minimum score of 80 percent on the final exam and complete the course training survey. Continuing education: 1.0 Scientific (S) Category I PCEs by the American Board for Certification in Orthotics and Prosthetics (ABC) will be granted to those certified in the disciplines of: Orthotists, Orthotic Assistants, Orthotic Technicians, Orthotic Fitters, Prosthetists, Prosthetic Assistants, Prosthetic Technicians, Mastectomy Fitters, Pedorthists, Therapeutic Shoe Fitters; 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 1.0 Category I CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

DMGT005h – Overview of the Integumentary System

The human integumentary system is comprised of the skin, specialized tissues and accessory structures that include hair follicles, nails and skin glands. This course will provide an overview of the integumentary system including major disorders impacting its function. Learning objectives: 1. List general function of the skin and accessory structures; 2. Describe the layers of the skin; 3. Determine the factors involving skin color; 4. Describe burn severity; 5. Summarize lifespan changes of the integumentary system. Continuing education: 1.0 Scientific (S) Category I PCEs by the American Board for Certification in Orthotics and Prosthetics (ABC) will be granted to those certified in the disciplines of: Orthotists, Orthotic Assistants, Orthotic Technicians, Orthotic Fitters, Prosthetists, Prosthetic Assistants, Prosthetic Technicians, Mastectomy Fitters, Pedorthists, Therapeutic Shoe Fitters; 1.0 Category I CPE credits by the Board for

Orthotist/Prosthetist Certification (BOC); 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

DMGT005i – Overview of the Reproductive System

The human reproductive system functions to produce male and female sex cells (egg and sperm cells). Reproduction occurs when a male sex cell fertilizes a female sex cell. This fusion brings about new life. This course provides a general overview of the structure and function of the male and female reproductive systems including a discussion of the major diseases that can affect them. Learning objectives: 1. List the general functions of the male reproductive organs and accessory structures; 2. Describe the process of spermatogenesis; 3. Explain the regulation of hormones that control activities of the male reproductive system; 4. List the general functions of the female reproductive organs and accessory structures; 5. Describe the process of oogenesis (egg production); 6. Explain the regulation of the hormones that control activities of the female reproductive system; 7. Summarize lifespan changes of the reproductive system for men and women. To successfully complete this course, you must attain a minimum score of 80 percent on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 1.0 Category I CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

DMGT005j – Overview of the Endocrine System

The human endocrine system includes specialized cells, tissues and organs referred to as *endocrine* glands. These glands secrete hormones in the blood stream or to a specific site in the body. This system works directly with the nervous system which sends and receives signals from the endocrine system to produce, secrete and/or inhibit hormones. This course provides an overview of the endocrine system including a discussion of the major disorders that can affect it. Learning objectives: 1. Identify and locate the glands of the endocrine system; 2. Describe the general functions of the endocrine glands; 3. List specific hormones and their function; 4. Discuss how negative feedback mechanisms regulate hormone secretion; 5. Describe common disorders of the endocrine system; 6. Describe some changes with the aging process and how they affect the endocrine system. To successfully complete this course you are required to visit each page and score 80 percent or better on the final test. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 1.0 Category I CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

DMGT005k – Overview of the Urinary System

The human urinary system includes the kidneys, ureters, urinary bladder and urethra. These organs work together to maintain osmotic balance in the body while removing excess compounds including toxic substances and metabolic waste. This course provides an overview of the urinary system including a discussion of the major disorders that can affect it. Learning objectives: 1. Name the organs of the urinary system and describe their basic functions; 2. Describe the locations and general structure of the kidneys; 3. Explain the process of urine production and secretion; 4. Identify common disorders of the urinary system; 5. Understand lifespan changes of the urinary system. To successfully complete this course, you must attain a minimum score of 80 percent on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 1.0 Category I CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

DMGT006 - Guillain-Barré Syndrome

Guillain-Barré syndrome is a disorder in which the body's immune system attacks part of the peripheral nervous system. In other words, the body damages its own nerve cells outside of the brain and spinal cord. This course provides an overview of the disorder, including descriptions of symptoms, causes and treatment options. Learning objectives: 1. Define Guillain-Barré syndrome; 2. Describe the common signs and symptoms of the disorder; 3. Explain the causes of GBS; 4. Describe treatment options available. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. You should complete the course "Overview of the Immune System" before taking this course. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC), 0.5 Scientific (S) Category I PCEs by the American Board for Certification in Orthotics and Prosthetics (ABC) will be granted to those certified in the disciplines of: Orthotics, Orthotic Assistants, Orthotic Technicians, Orthotic Fitters, Prosthetics, Prosthetic Assistants, Prosthetic Technicians, Mastectomy Fitters, Pedorthists, Therapeutic Shoe Fitters; 1.0 Category I CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program. RESNA approves the 0.1 IACET CEUs for recertification.

DMGT007 - Overview of Osteoporosis

Osteoporosis is a disease in which the density of bone is reduced, increasing the risk of fracture. Around the world, it affects one in three women and one in five men over the age of 50. This course examines this serious world-wide health problem. Learning objectives: 1. Define osteoporosis and its prevalence throughout the world; 2. Explain how osteoporosis is detected and diagnosed; 3. Explain what can be done to prevent the onset of the disease; 4. Explain how osteoporosis can be treated. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC), 0.75 Scientific (S) Category I PCEs by the American Board for Certification in Orthotics and Prosthetics (ABC) will be granted to those certified in the disciplines of: Orthotics, Orthotic Assistants, Orthotic Technicians, Orthotic Fitters, Prosthetics, Prosthetic Assistants, Prosthetic Technicians, Mastectomy Fitters, Pedorthists, Therapeutic Shoe Fitters; 1.0 Category I CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program. RESNA approves the 0.1 IACET CEUs for recertification.

DMGT008a - Medical Terminology - Part 1

This is the first of a 3-part series of modules, which make up a short course in medical terminology. This course is based on the "Short Course in Medical Terminology" written by Dr. William J. Dyche, Professor of Anatomy, Des Moines University – Osteopathic Medical Center. Because these modules build on one another, it is highly recommended that you complete this series in order: Part 1, then Part 2, then Part 3. Learning objectives: 1. Identify the two major categories of medical terms; 2. Identify the three basic parts of medical terms; 3. Explain the meanings of many of the terms of the circulatory, nervous, digestive, respiratory, urinary, reproductive and musculoskeletal systems; 4. Explain the meanings of many cancer-related terms; 5. Identify the major categories of drugs and what they are used for. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 0.75 Scientific (S) Category I PCEs by the American Board for Certification in Orthotics and Prosthetics (ABC) will be granted to those certified in the disciplines of: Orthotics, Orthotic Assistants, Orthotic Technicians, Orthotic Fitters, Prosthetics, Prosthetic Assistants, Prosthetic Technicians, Mastectomy Fitters, Pedorthists, Therapeutic Shoe Fitters; 1.0 Category I CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program. RESNA approves the 0.1 IACET CEUs for recertification.

DMGT008b - Medical Terminology - Part 2

This is the second of a 3-part series of modules, which make up a short course in medical terminology. This course is based on the "Short Course in Medical Terminology" written by Dr. William J. Dyche, Professor of Anatomy, Des Moines University – Osteopathic Medical Center. Because these modules build on one another, it is highly recommended that you complete this series in order: Part 1, then Part 2, then Part 3. Learning objectives: 1. Identify the two major categories of medical terms; 2. Identify the three basic parts of medical terms; 3. Explain the meanings of many of the terms of the circulatory, nervous, digestive, respiratory, urinary, reproductive and musculoskeletal systems; 4. Explain the meanings of many cancer-related terms; 5. Identify the major categories of drugs and what they are used for. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 0.75 Scientific (S) Category I PCEs by the American Board for Certification in Orthotics and Prosthetics (ABC) will be granted to those certified in the disciplines of: Orthotics, Orthotic Assistants, Orthotic Technicians, Orthotic Fitters, Prosthetics, Prosthetic Assistants, Prosthetic Technicians, Mastectomy Fitters, Pedorthists, Therapeutic Shoe Fitters; 1.0 Category I CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program. RESNA approves the 0.1 IACET CEUs for recertification.

DMGT008c - Medical Terminology - Part 3

This is the third and final part of a 3-part series of modules, which make up a short course in medical terminology. This course is based on the "Short Course in Medical Terminology" written by Dr. William J. Dyche, Professor of Anatomy, Des Moines University – Osteopathic Medical Center. Because these modules build on one another, it is highly recommended that you complete this series in order: Part 1, then Part 2, then Part 3. Learning objectives: 1. Identify the two major categories of medical terms; 2. Identify the three basic parts of medical terms; 3. Explain the meanings of many of the terms of the circulatory, nervous, digestive, respiratory, urinary, reproductive and musculoskeletal systems; 4. Explain the meanings of many cancer-related terms; 5. Identify the major categories of drugs and what they are used for. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the

Commission for Case Manager Certification (CCMC); 0.75 Scientific (S) Category I PCEs by the American Board for Certification in Orthotics and Prosthetics (ABC) will be granted to those certified in the disciplines of: Orthotics, Orthotic Assistants, Orthotic Technicians, Orthotic Fitters, Prosthetics, Prosthetic Assistants, Prosthetic Technicians, Mastectomy Fitters, Pedorthists, Therapeutic Shoe Fitters; 1.0 Category I CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program. RESNA approves the 0.1 IACET CEUs for recertification.

DMGT009 - Overview of Duchenne Muscular Dystrophy

"Muscular dystrophy" is a broad term used to label gene-related (hereditary) muscle-destroying disorders that affect muscles throughout the body. There are more than 20 specific genetic disorders considered to be muscular dystrophy. This course examines Duchenne Muscular Dystrophy, the most common of the muscular dystrophies. Learning objectives: 1. Define muscular dystrophy and Duchenne Muscular Dystrophy; 2. Identify the symptoms of DMD; 3. Define "dystrophin" and explain its role in causing DMD; 4. Explain the progression of DMD; 5. Explain how DMD is diagnosed; 6. Explain how DMD is treated. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 0.75 Scientific (S) Category I PCEs by the American Board for Certification in Orthotics and Prosthetics (ABC) will be granted to those certified in the disciplines of: Orthotics, Orthotic Assistants, Orthotic Technicians, Orthotic Fitters, Prosthetics, Prosthetic Assistants, Prosthetic Technicians, Pedorthists; 1.0 Category I CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program. RESNA approves the 0.1 IACET CEUs for recertification.

DMGT010 - Overview of Diabetes

Each year, more than 650,000 Americans are diagnosed with diabetes. This course provides an overview of the disease, providing definitions of diabetes and pre-diabetes, prevention tips and statistics related to one of the most under-diagnosed and deadly of diseases. Learning objectives: 1. Define the types of diabetes; 2. Explain methods to treat the types of diabetes; 3. Define pre-diabetes; 4. Explain steps to take to prevent or delay the onset of diabetes; 5. Describe the possible complications of diabetes and explain steps to take to prevent those complications; 6. Describe the prevalence of diabetes within the United States. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 0.75 Scientific (S) Category I PCEs by the American Board for Certification in Orthotics and Prosthetics (ABC) will be granted to those certified in the disciplines of: Orthotics, Orthotic Assistants, Orthotic Technicians, Orthotic Fitters, Prosthetics, Prosthetic Assistants, Prosthetic Technicians, Mastectomy Fitters, Pedorthists, Therapeutic Shoe Fitters; 1.0 Category I CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program. RESNA approves the 0.1 IACET CEUs for recertification.

DMGT011 - Am I at Risk for Type 2 Diabetes?

Diabetes is a disease in which blood glucose levels are above normal. This course examines the signs and symptoms of Type 2 diabetes, and explains what a person can do to prevent or delay the development of the disease. Before taking this course, you should complete the course "Overview of Diabetes." Learning objectives: 1. Define Type 2 diabetes and other types of diabetes; 2. Define pre-diabetes; 3. Identify the signs and symptoms of Type 2 diabetes; 4. Identify the factors that increase the risk of Type 2 diabetes; 5. Explain how Type 2 diabetes can be prevented. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 1.0 Category I CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

DMGT012 - Eating and Diabetes

Keeping blood glucose at a healthy level will prevent or slow down diabetes problems. This course describes what people can do to keep their blood glucose at a healthy level. Before taking this course, you should complete the course "Overview of Diabetes." Learning objectives: 1. Explain how food affects blood glucose; 2. Explain how what and when a person eats affect their diabetes; 3. Describe the signs of hypoglycemia; 4. Explain how, by eating the recommended servings of the groups that make up the Food Pyramid, a person can reduce his or her risk of diabetes; 5. Explain how to measure food servings. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case

Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

DMGT014 - Overview of Parkinson's Disease

Parkinson's disease is a progressive disorder of the central nervous system that affects more than 1.5 million men and women in the United States. This course provides an overview of the disease, including descriptions of symptoms, causes and treatment options. Learning objectives: 1. Define Parkinson's disease; 2. Describe common and secondary symptoms of the disease; 3. Describe potential causes of Parkinson's; 4. Describe treatment options available. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 0.5 Scientific (S) Category I PCEs by the American Board for Certification in Orthotics and Prosthetics (ABC) will be granted to those certified in the disciplines of: Orthotics, Orthotic Assistants, Orthotic Technicians, Orthotic Fitters, Prosthetics, Prosthetic Assistants, Prosthetic Technicians, Mastectomy Fitters, Pedorthists, Therapeutic Shoe Fitters; 1.0 Category I CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program. RESNA approves the 0.1 IACET CEUs for recertification.

DMGT015 - Overview of Multiple Sclerosis

Multiple sclerosis is one of the most common diseases of the central nervous system. This course provides an overview of the disease, including descriptions of symptoms, causes and treatment options. Learning objectives: 1. Define multiple sclerosis; 2. Describe common and secondary symptoms of the disease; 3. Describe potential causes of MS; 4. Describe treatment options available. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 0.5 Scientific (S) Category I PCEs by the American Board for Certification in Orthotics and Prosthetics (ABC) will be granted to those certified in the disciplines of: Orthotics, Orthotic Assistants, Orthotic Technicians, Orthotic Fitters, Pedorthists; 1.0 Category I CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program. RESNA approves the 0.1 IACET CEUs for recertification.

DMGT016 - Overview of Cystic Fibrosis

Cystic fibrosis is a complex, inherited disease that affects tissues that produce mucus secretions. This course provides an overview of the disease, including descriptions of symptoms, causes and treatment options. Learning objectives: 1. Define cystic fibrosis; 2. Describe common symptoms and complications of the disease; 3. Explain the cause of cystic fibrosis; 4. Describe treatment options available. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 0.75 Scientific (S) Category I PCEs by the American Board for Certification in Orthotics and Prosthetics (ABC) will be granted to those certified in the disciplines of: Orthotics, Orthotic Assistants, Orthotic Technicians, Orthotic Fitters, Prosthetics, Prosthetic Assistants, Prosthetic Technicians, Mastectomy Fitters, Pedorthists, Therapeutic Shoe Fitters; 1.0 Category I CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program. RESNA approves the 0.1 IACET CEUs for recertification.

DMGT017 - Hepatitis C: Issues, Economics and Care Strategies

This course will present an overview of hepatitis C (HCV) economics, testing and treatment interventions. Learning objectives: 1. Describe the economics and patient statistics relevant to hepatitis C; 2. Explain the historical perspective and epidemiology of hepatitis C; 3. List the risk factors and diagnostics used to distinguish hepatitis C; 4. Describe clinical features and treatment options for patients who have been diagnosed with hepatitis C. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 0.75 Scientific (S) PCEs by the American Board for Certification in Orthotics and Prosthetics (ABC); 1.0 Category I CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

DMGT018 - Overview of Tuberculosis

Nearly one-third of the world's population is infected with Tuberculosis (TB), and it kills almost 3 million people per year. However, in the United States, through a broad range of Federal and community initiatives, national TB rates have declined steadily over the past decade. This course provides an overview of the disease, distinguishing between active and latent TB, and explaining how a person is

tested for TB. Learning objectives: 1. Define Tuberculosis; 2. Identify the symptoms of TB; 3. Explain how TB is spread; 4. Explain the differences between active TB disease and latent TB infection; 5. Explain how a person is tested for TB; 6. Explain the treatment options for TB. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 1.0 Category I CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program. RESNA approves the 0.1 IACET CEUs for recertification.

DMGT019 - Childhood Obesity: A Lifelong Threat to Health

Almost 14 million children – 24 percent of the U.S. population ages 2 to 17 – are obese. This course examines the group of children ages 2 to 17 with Body Mass Index (BMI) values at or above the 95th percentile (referred to as obese), and those with BMI values between the 85th and 95th percentiles (referred to as at risk for obesity). Learning objectives: 1. Define childhood obesity; 2. Identify at least two factors that have contributed to the increase in childhood obesity; 3. Compare the rise in obesity among black, Hispanic and white children; 4. Describe health risks for obese children; 5. Compare the reliance that obese children have on Medicaid to private insurance for their health care coverage; 6. Describe the health risks that obese children face as they age into adults. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 1.0 Category I CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program. RESNA approves the 0.1 IACET CEUs for recertification.

DMGT023 - Overview of Hepatitis B

Health care workers run the risk for occupational exposure to bloodborne pathogens, including hepatitis B virus (HBV), hepatitis C virus (HCV) and human immunodeficiency virus (HIV), the virus that causes AIDS. This course provides an overview of hepatitis B, how it is spread, its symptoms and diagnoses, and its vaccination. Learning objectives: 1. Define bloodborne pathogens; 2. Define hepatitis; 3. Explain the damage hepatitis B can do to the human liver; 4. Explain how hepatitis B virus (HBV) infection can occur; 5. Describe the symptoms of acute and chronic hepatitis B; 6. Explain how HBV is diagnosed; 7. Describe how HBV can be prevented and treated. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. You should complete the course "Overview of the Immune System" before taking this course. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 0.75 Scientific (S) Category I PCEs by the American Board for Certification in Orthotics and Prosthetics (ABC) will be granted to those certified in the disciplines of: Orthotics, Orthotic Assistants, Orthotic Technicians, Orthotic Fitters, Prosthetics, Prosthetic Assistants, Prosthetic Technicians, Mastectomy Fitters, Pedorthists, Therapeutic Shoe Fitters; 1.0 Category I CPE credit by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program. RESNA approves the 0.1 IACET CEUs for recertification.

DMGT024 - Overview of HIV/AIDS

Health care workers run the risk for occupational exposure to bloodborne pathogens, including hepatitis B virus (HBV), hepatitis C virus (HCV) and human immunodeficiency virus (HIV), the virus that causes AIDS. This course provides an overview of HIV, how it is spread, its symptoms and diagnoses, and its vaccination. Learning objectives: 1. Define human immunodeficiency virus (HIV); 2. Define AIDS; 3. Explain how HIV is transmitted and how the virus harms the body; 4. Explain how HIV progresses to AIDS; 5. List the possible symptoms during primary or acute HIV infection; 6. Identify the two types of tests commonly used to detect HIV infection; 7. Explain at least two ways that HIV/AIDS can be prevented; 8. Describe the most common treatment for HIV; 9. Explain why it is recommended that HIV-infected persons be screened for hepatitis C virus (HCV). To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. You should complete the course "Overview of the Immune System" before taking this course. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 0.75 Scientific (S) Category I PCEs by the American Board for Certification in Orthotics and Prosthetics (ABC) will be granted to those certified in the disciplines of: Orthotics, Orthotic Assistants, Orthotic Technicians, Orthotic Fitters, Prosthetics, Prosthetic Assistants, Prosthetic Technicians, Mastectomy Fitters, Pedorthists, Therapeutic Shoe Fitters; 1.0 Category I CPE credit by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program. RESNA approves the 0.1 IACET CEUs for recertification.

DMGT026 - Overview of ALS

Amyotrophic lateral sclerosis, or ALS, is a progressive, neurodegenerative disease that attacks nerve cells in the brain and spinal cord. This course provides an overview of the disease – commonly known as “Lou Gehrig’s Disease” – including descriptions of symptoms, causes and treatment options. Learning objectives: 1. Define amyotrophic lateral sclerosis; 2. Describe the common signs and symptoms of the disease; 3. Explain the causes of ALS; 4. Describe treatment options available. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 0.5 Scientific (S) Category I PCEs by the American Board for Certification in Orthotics and Prosthetics (ABC) will be granted to those certified in the disciplines of: Orthotics, Orthotic Assistants, Orthotic Technicians, Orthotic Fitters, Pedorthists; 1.0 Category I CPE credit by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program. RESNA approves the 0.1 IACET CEUs for recertification.

DMGT027 - Overview of Arthritis

Arthritis is a complex disorder that comprises more than 100 distinct conditions that can affect people at any stage of life. This course provides an overview of two of the most common forms of arthritis: osteoarthritis and rheumatoid arthritis. This course also looks at a condition few people associate with children: juvenile arthritis. Learning objectives: 1. Define osteoarthritis (OA), rheumatoid arthritis (RA) and juvenile arthritis (JA); 2. Describe the common signs and symptoms of the disorders; 3. Explain the causes of OA, RA and JA; 4. Describe treatment options available for each of the conditions. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 0.5 Scientific (S) Category I PCEs by the American Board for Certification in Orthotics and Prosthetics (ABC) will be granted to those certified in the disciplines of: Orthotics, Orthotic Assistants, Orthotic Technicians, Orthotic Fitters, Prosthetics, Prosthetic Assistants, Prosthetic Technicians, Mastectomy Fitters, Pedorthists, Therapeutic Shoe Fitters; 1.0 Category I CPE credit by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program. RESNA approves the 0.1 IACET CEUs for recertification.

DMGT031 – Overview of Lymphedema

Lymphedema is a medical condition that causes swelling and can affect the immune system. This course examines the symptoms, stages, causes, and treatments of lymphedema and medical procedures used to diagnose it. Learning objectives: 1. Define lymphedema; 2. Identify the symptoms of lymphedema; 3. Explain the four stages of lymphedema; 4. Explain the two causes of lymphedema; 5. Explain the link of breast cancer and lymphedema; 6. Identify medical tests used to diagnose lymphedema; 7. Describe ways to treat lymphedema. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 Category 1 CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

DMGT032 – Overview of Epilepsy

Epilepsy is a medical condition sometimes referred to as a seizure disorder that produces seizures affecting a variety of mental and physical functions. This course provides an overview of epilepsy. Learning objectives: 1. Identify the types and characteristics of seizures; 2. Explain the causes and risk factors of epilepsy; 3. Explain the complications of epilepsy; 4. Explain how epilepsy is diagnosed; 5. Identify the treatments for epilepsy. To successfully complete this course, you must attain a minimum score of 80 percent on the final exam and complete the course training survey. Continuing education: 1.0 Category 1 CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

DMGT033 – Death and Dying

One of the realities of working in the health care arena is that patients die. Dying is a personal journey that everyone approaches in his or her own unique way. How individuals cope during this part of life is usually shaped by their previous experiences with death along with their cultural attitudes and beliefs. This course provides you with information you can use when dealing with dying patients and their caregivers and family members. Learning objectives: 1. Identify the stages of dying; 2. List rules of etiquette that should be followed in the client’s home; 3. Explore legal and ethical issues that pertain to the dying client; 4. Discuss hospice, palliative and community services available to the dying client and family. To successfully complete this course, you must attain a minimum score of 80% on the final exam

and complete the course training survey. Continuing education: 1.0 Category 1 CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

DMGT034 – Overview of Cerebral Palsy

Cerebral palsy is a group of movement, muscle tone, learning, hearing, seeing and thinking disorders involving brain and nervous system functions. This course provides an overview of cerebral palsy including its symptoms, causes, risk factors, complications, and how the condition is diagnosed and treated. Learning objectives: 1. Describe the symptoms of cerebral palsy; 2. Describe the causes and risk factors of cerebral palsy; 3. Describe the complications that may result from cerebral palsy; 4. Explain how cerebral palsy is diagnosed; 5. Describe the treatment modalities for cerebral palsy. To successfully complete this course, you must attain a minimum score of 80 percent on the final exam and complete the course training survey. Continuing education: 1.0 Category 1 CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

DMGT035 – Overview of Influenza

This course examines the biology of influenza and types of vaccinations. It also discusses signs and symptoms, lab diagnoses and measures to control infection. Also provided in this course are a brief history of influenza pandemics, the avian flu (H5N1) and current research being conducted. Learning objectives: 1. Identify the three types of influenza; 2. Explain how influenza viruses change; 3. Define “pandemic” and identify past influenza pandemics; 4. Identify signs and symptoms of influenza; 5. Explain how influenza is diagnosed; 6. Identify infection control measures used relating to influenza; 7. Identify the types of vaccinations and which groups of people are recommended for vaccination; 8. Describe current H5N1 research and the importance of it; 9. Identify helpful facts to remember when traveling that pertain to influenza. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 Category 1 CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

DMGT036 – Overview of Lupus

Systemic lupus erythematosus (SLE or simply “lupus”) is a chronic inflammatory autoimmune disease of unknown cause that affects multiple organ systems. This course will discuss the symptoms, causes, risk factors and complications related to lupus as well as its diagnosis, common tests and treatments - both traditional and complementary. This course will also address the important aspect of coping and support of those who are dealing with lupus. Learning objectives: 1. Describe the symptoms of lupus; 2. List some of the tests and procedures used to diagnose lupus; 3. Discuss medications and guiding principles used in treating lupus; 4. Explain what a flare is and its significance.; 5. Identify resources for further support and information related to lupus. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 Category 1 CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

DMGT037 – Overview of Enteral Nutrition

Health care has come a long way since the first attempts were made to offer patients life-saving nourishment through a tube inserted into the person’s nose with the “hope” that it ended up in the right place. The options available today are varied and suit the needs of all types of patients, from infant to elderly. This course will explain the different methods of providing enteral nutrition and the conditions that may require their use. Also discussed will be appropriate care and steps for completing administration of feedings and medications. Learning objectives: 1. Name the general types of feeding tubes used in a health care setting; 2. List four conditions that may require feeding tube use; 3. Describe complications of feeding tubes that may occur; 4. Relate appropriate care of a feeding tube and insertion site, following correct infection control techniques 5. Explain steps to complete a feeding via a tube; 6. Discuss proper medication administration via a feeding tube. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 Category 1 CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

HR011 - Strategies for Working on a Healthcare Team

This course discusses strategies you can use when working on healthcare teams. Learning objectives: 1. Identify the key elements in developing a quality working team; 2. Define the four major types of team members; 3. List important team rules to make sure you have an effective and productive healthcare team; 4. Explain the comments that are made by team members that will help you understand how they will positively or negatively affect the team's success; 5. Evaluate your current role on a healthcare team, and determine what your future role can be in making the team more productive; 6. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 1.0 Category II CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

HR013 - Advance Directives

With an advance directive, patients can make known their wishes for future medical care in the event they become unable to make their own decisions about health care. This course provides information about the types of advance directives available. Learning objectives: 1. List the three types of advance directives; 2. Define living will; 3. Define durable power of attorney (DPA) for health care; 4. Define do not resuscitate order; 5. Explain the benefits and limitations of a living will and DPA for health care; 6. Explain the difference between a DPA for health care and DPA for financial purposes; 7. Define health care proxy; 8. List the methods by which an advance directive can be written. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 1.0 Category II CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

HR014 - Identifying and Reporting Child Abuse

Each year, tens of thousands of children are traumatized by physical, sexual, and emotional abusers, or by caregivers who neglect them. As a representative of a health care provider, federal regulations require you to report any suspicions of child abuse. This course provides tips on identifying child abuse, and explains how you report your suspicions. Learning objectives: 1. Describe the prevalence of child abuse in the United States; 2. Explain the four primary types of child abuse; 3. List the warning signs of each type of child abuse; 4. List the possible causes of child abuse; 5. Describe the effects of child abuse; 6. Explain how to report suspected child abuse. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 1.0 Business/Facility Management (B) PCEs by the American Board for Certification in Orthotics and Prosthetics (ABC); 1.0 Category II CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

HR015 - Identifying and Reporting Elder Abuse

Elder abuse is recognized as a continually increasing and serious problem in our society. Most states require you, as a health care provider, to report suspected elder abuse or neglect. This course provides tips on identifying elder abuse, and explains how you can report your suspicions. Learning objectives: 1. Define elder abuse and identify who is considered to be vulnerable to become a victim of abuse; 2. Identify who is most likely to be an abuser of older persons; 3. Identify the seven types of elder abuse, and the signs and symptoms of each; 4. Explain the three major risk factors of elder abuse; 5. Explain how to report any suspected elder abuse. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 1.0 Business/Facility Management (B) PCEs by the American Board for Certification in Orthotics and Prosthetics (ABC); 1.0 Category II CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

INF003 - Health Care Workers and Bloodborne Pathogens

Health care workers run the risk for occupational exposure to bloodborne pathogens, including hepatitis B virus (HBV), hepatitis C virus (HCV) and human immunodeficiency virus (HIV), the virus that causes AIDS. This course provides information about how health care workers can minimize the risk of occupational exposure to bloodborne pathogens. Learning objectives: 1. Define bloodborne pathogen; 2. Explain how infection from a bloodborne pathogen can occur within a health care setting; 3. Explain who is covered by OSHA's bloodborne pathogen standard; 4. List what OSHA requires to be included in a company's Exposure Control Plan; 5. List and explain each of the requirements outlined in OSHA's bloodborne pathogen standard; 6. Explain what an employer is required to do if an employee declines to

receive the hepatitis B vaccination; 7. Explain an employer's responsibilities following an employee's exposure to a bloodborne pathogen. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 0.75 Scientific (S) Category I PCEs by the American Board for Certification in Orthotics and Prosthetics (ABC) will be granted to those certified in the disciplines of: Orthotics, Orthotic Assistants, Orthotic Technicians, Orthotic Fitters, Prosthetics, Prosthetic Assistants, Prosthetic Technicians, Mastectomy Fitters, Pedorthists, Therapeutic Shoe Fitters; 1.0 Category I CPE credit by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

OWC001a - Overview of Ostomies - Part 1

This is the first of a two-part series of courses that introduces you to ostomies and the basics of ostomy care and management. This first course will explain what an ostomy is, types of ostomies, and detail the ostomy that most people think about when they hear the word "ostomy:" colostomy. Learning objectives: 1. Explain the role of the human gastrointestinal and urinary systems; 2. Define ostomy; 3. Define stoma; 4. Explain the reasons why a colostomy is performed; 5. Identify the types of colostomies. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

OWC001b - Overview of Ostomies - Part 2

This is the second of a two-part series of courses that introduce you to ostomies and the basics of ostomy care and management. This course will explain ileostomies and urostomies, and discuss common problems and issues associated with ostomies. Learning objectives: 1. Explain why an ileostomy would be performed; 2. Identify the types of ileostomies that can be performed; 3. Explain why a urostomy would be performed; 4. Identify the types of urostomies that can be performed; 5. Describe the basic ostomy management and care procedures; 6. Explain additional concerns of an ostomy patient. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

OWC002 - Wound Care: Selecting Skin Cleansing Products

The number of commercially marketed skin cleansing agents continues to grow, providing clinicians with an increasingly large variety of products from which to choose. This course reviews common types of skin cleansers, their formulation, ingredients, skin compatibility, pH, and related infection control issues. Learning objectives: 1. Explain how the skin acts as a barrier for the human body; 2. Explain the difference between "soap" and "detergent;" 3. Identify four key ingredients of effective skin cleansers. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 1.0 Category I CPE credit by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

OWC004 - Skin Management: Prevention and Wound Care

This course provides information that can be used to establish assessment tools and care plans for patients who are at high risk for skin breakdown. This course was written by Mindy Owen, RN, CRRN, CCM, from information provided by MEDIQfst. Learning objectives: 1. Identify populations at high risk for skin breakdown; 2. Identify the factors that lead to skin breakdown; 3. Identify strategies to prevent skin breakdown and to promote skin healing; 4. Explain the stages of wounds and the treatments available for each stage; 5. Explain interventions for wound dressing techniques; 6. Explain the toxic effects of antiseptic agents on fibroblasts and other human cells and tissues; 7. Explain the advances in wound care technology. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 1.5 Scientific (S) Category I PCEs by the American Board for Certification in Orthotics and Prosthetics (ABC) will be granted to those certified in the disciplines of: Orthotics, Orthotic Assistants, Orthotic Technicians, Orthotic Fitters, Prosthetics, Prosthetic Assistants, Prosthetic Technicians, Mastectomy Fitters, Pedorthists, Therapeutic Shoe Fitters; 1.0 Category I CPE credit by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.2 CEUs for this program. RESNA approves the 0.2 IACET CEUs for recertification.

OWC006a - Overview of Pressure Ulcer Etiology - Part 1

This is the first of a 3-part series of courses on pressure ulcers. Although ultimately discussion will focus on pressure ulcers, this first part provides foundational knowledge regarding the skin, normal physiology of healing, and factors affecting healing and repair. You should complete this series of courses in order: Part 1, followed by Part 2, followed by Part 3. Learning objectives: 1. Describe the distinct layers of the skin; 2. Explain the normal physiology of healing; 3. Identify the reasons why individuals have difficulty healing chronic wounds; 4. Explain the incidence and prevalence of pressure ulcers. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 1.0 Scientific (S) Category I PCEs by the American Board for Certification in Orthotics and Prosthetics (ABC) will be granted to those certified in the disciplines of: Orthotics, Orthotic Assistants, Orthotic Technicians, Orthotic Fitters, Prosthetics, Prosthetic Assistants, Prosthetic Technicians, Mastectomy Fitters, Pedorthists, Therapeutic Shoe Fitters; 1.0 Category I CPE credit by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program. RESNA approves the 0.1 IACET CEUs for recertification.

OWC006b - Overview of Pressure Ulcer Etiology - Part 2

This is the second course of a 3-part series about pressure ulcers. This course will review the National Pressure Ulcer Advisory Panel (NPUAP) staging guidelines of pressure ulcers and the risk factors for developing a pressure ulcer. You should complete Part 1 of this series before starting this course, and you should complete this course before starting Part 3. Learning objectives: 1. Identify risk factors of developing pressure ulcers; 2. Demonstrate pressure ulcer staging. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 0.75 Scientific (S) Category I PCEs by the American Board for Certification in Orthotics and Prosthetics (ABC) will be granted to those certified in the disciplines of: Orthotics, Orthotic Assistants, Orthotic Technicians, Orthotic Fitters, Prosthetics, Prosthetic Assistants, Prosthetic Technicians, Mastectomy Fitters, Pedorthists, Therapeutic Shoe Fitters; 1.0 Category I CPE credit by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program. RESNA approves the 0.1 IACET CEUs for recertification.

OWC006c - Overview of Pressure Ulcer Etiology - Part 3

This is the third of a 3-part series about pressure ulcers. This course will review the basic strategies in the management of pressure ulcers. You should complete Parts 1 and 2 of this series before starting this course. Learning objectives: 1. List at least 3 organizations that are resources for anyone responsible for managing chronic pressure ulcers in patients; 2. Name two tools that can be used to identify patients who are at risk for developing a pressure ulcer; 3. Explain at least 5 procedures you can use to manage chronic pressure ulcers. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 0.5 Scientific (S) Category I PCEs by the American Board for Certification in Orthotics and Prosthetics (ABC) will be granted to those certified in the disciplines of: Orthotics, Orthotic Assistants, Orthotic Technicians, Orthotic Fitters, Prosthetics, Prosthetic Assistants, Prosthetic Technicians, Mastectomy Fitters, Pedorthists, Therapeutic Shoe Fitters; 1.0 Category I CPE credit by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program. RESNA approves the 0.1 IACET CEUs for recertification.

PEC001 - Introduction to CPAP, autoCPAP and Bi-Level

This course introduces the new home medical equipment staff member to standard respiratory assist devices (RADs): CPAP (continuous positive airway pressure), Auto Adjust CPAP and Bi-level. Because of the multitude of brands of RADs and accessories on the market, this course will cover the devices in the broadest generic terms. For specific information related to a particular brand of CPAP, Auto Adjust CPAP or Bi-level, please consult the manufacturers. This course also includes links to several manufacturers. Learning objectives: 1. Define positive airway pressure; 2. Explain what CPAP, Auto Adjust CPAP and Bi-level devices are and who would use them; 3. Explain how a RAD is used; 4. Identify the parts that make up a standard RAD configuration and the various accessories that can be used with a standard device. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

PEC002 - Introduction to Manual Wheelchairs

This course introduces the new home medical equipment staff member to the standard manual wheelchair. Because of the multitude of brands of manual wheelchairs and accessories on the market, this course will cover manual wheelchairs in the broadest generic terms. For specific information related to a particular brand of manual wheelchair, please consult the manufacturers. This course also includes links to several manual wheelchair manufacturers. Learning objectives: 1. Identify the two basic models of manual wheelchairs; 2. Identify the components and various accessories of a standard manual wheelchair; 3. Explain who would use a manual wheelchair; 4. Perform basic manual wheelchair maintenance procedures; 5. Explain how a manual wheelchair can be used safely. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program. RESNA approves the 0.1 IACET CEUs for recertification.

PEC003 - Introduction to Oxygen Concentrators

This course introduces the new home medical equipment staff member to oxygen concentrators. Because of the multitude of brands of oxygen concentrators and accessories on the market, this course will cover oxygen concentrators in the broadest generic terms. For specific information related to a particular brand of oxygen concentrator, please consult the manufacturers. This course also includes links to several oxygen concentrator manufacturers. You should complete the course RESP008 - Home Oxygen Therapy before completing this course. Learning objectives: 1. Identify the basic models of oxygen concentrator; 2. Identify the components and various accessories of an oxygen concentrator; 3. Explain who would use an oxygen concentrator; 4. Perform basic oxygen concentrator maintenance procedures; 5. Explain how an oxygen concentrator can be used safely. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

PEC004 - Introduction to Liquid Oxygen Systems

This course introduces the new home medical equipment staff member to liquid oxygen systems used for home oxygen therapy. Because of the variety of liquid oxygen systems and accessories on the market, this course will cover liquid oxygen systems in the broadest generic terms. For specific information related to a particular brand of system, please consult the manufacturers. This course also includes links to several manufacturers of liquid oxygen systems and accessories. You should complete the course "RESP008 - Home Oxygen Therapy" before completing this course. Learning objectives: 1. Identify the components and various accessories of a liquid oxygen system; 2. Explain who would use a liquid oxygen system; 3. Identify the safety precautions a patient should adhere to when using a liquid oxygen system. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

PEC005 - Introduction to Oxygen Cylinders

This course introduces the new home medical equipment staff member to compressed oxygen cylinders used for home oxygen therapy. Because of the multitude of brands of compressed gas cylinders and accessories on the market, this course will cover cylinders in the broadest generic terms. For specific information related to a particular brand of cylinder, please consult the manufacturers. This course also includes links to several manufacturers of oxygen cylinders and accessories. You should complete the course "Home Oxygen Therapy" before completing this course. Learning objectives: 1. Identify the components and various accessories of an oxygen tank; 2. Explain who would use an oxygen tank; 3. Identify the safety precautions an oxygen patient should adhere to when using an oxygen tank. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

PEC006 - Introduction to TENS

This course introduces the new home medical equipment staff member to TENS units. Because of the multitude of TENS units and accessories on the market, this course will cover TENS units in the broadest generic terms. For specific information related to a particular brand of TENS unit, please consult the manufacturers. This course also includes links to several TENS unit manufacturers. Learning objectives: 1. Identify the basic models of TENS units; 2. Identify the components and various accessories of a TENS

unit; 3. Explain who would use a TENS unit; 4. Perform basic TENS unit maintenance procedures; 5. Explain how a TENS unit can be used safely. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

PEC007 - Introduction to Low Loss Air Mattresses

This course introduces the new home medical equipment staff member to low air loss mattresses. Because of the multitude of low air loss mattresses and accessories on the market, this course will cover low air loss mattresses in the broadest generic terms. For specific information related to a particular brand of low air loss mattress, please consult the manufacturers. This course also includes links to several low air loss mattress manufacturers. Learning objectives: 1. Identify the basic models of low air loss mattresses; 2. Identify the components and various accessories of a low air loss mattress; 3. Explain who would use a low air loss mattress; 4. Perform basic low air loss mattress maintenance procedures; 5. Explain how a low air loss mattress can be used safely. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program. RESNA approves the 0.1 IACET CEUs for recertification.

PEC008 - Introduction to Phototherapy Units

This course introduces the new home medical equipment staff member to phototherapy units. Because of the multitude of phototherapy units and accessories on the market, this course will cover phototherapy units in the broadest generic terms. For specific information related to a particular brand of phototherapy unit, please consult the manufacturers. This course also includes links to several phototherapy unit manufacturers. Learning objectives: 1. Identify the basic models of phototherapy units; 2. Identify the components and various accessories of a phototherapy unit; 3. Explain who would use a phototherapy unit; 4. Perform basic phototherapy unit maintenance procedures; 5. Explain how a phototherapy unit can be used safely. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

PEC009 - Introduction to Bone Growth Stimulators

This course introduces the new home medical equipment staff member to non-invasive bone growth stimulators. This course will cover bone growth stimulators in the broadest generic terms. For specific information related to a particular brand of bone growth stimulator, please consult the manufacturers. This course also includes links to bone growth stimulator manufacturers. Learning objectives: 1. Identify the basic models of bone growth stimulators; 2. Identify the components of a bone growth stimulator; 3. Explain who would use a bone growth stimulator; 4. Explain how a bone growth stimulator can be used safely. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC), 0.5 Scientific (S) Category I PCEs by the American Board for Certification in Orthotics and Prosthetics (ABC) will be granted to those certified in the disciplines of: Orthotics, Orthotic Assistants, Orthotic Technicians; 1.0 Category I CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

PEC010 - Introduction to Enteral Nutrition Pumps

This course introduces the new home medical equipment staff member to enteral nutrition pumps. Because of the multitude of enteral nutrition pumps and accessories on the market, this course will cover enteral nutrition pumps in the broadest generic terms. For specific information related to a particular brand of enteral nutrition pump, please consult the manufacturers. This course also includes links to enteral nutrition pump manufacturers. Learning objectives: 1. Identify the basic models of enteral nutrition pumps; 2. Identify the components and various accessories of an enteral nutrition pump; 3. Explain who would use an enteral nutrition pump; 4. Perform basic enteral nutrition pump maintenance procedures; 5. Explain how an enteral nutrition pump can be used safely. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

PEC011 - Introduction to Apnea Monitors

This course introduces the new home medical equipment staff member to apnea monitors. Because of the multitude of apnea monitors and accessories on the market, this course will cover apnea monitors in the broadest generic terms. For specific information related to a particular brand of apnea monitor, please consult the manufacturers. This course also includes links to apnea monitor manufacturers. Learning objectives: 1. Identify the components and various accessories of an apnea monitor; 2. Explain who would use an apnea monitor; 3. Perform basic apnea monitor maintenance procedures; 4. Explain how an apnea monitor can be used safely. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

PEC012 - Introduction to Continuous Passive Motion (CPM) Units

This course introduces the new home medical equipment staff member to Continuous Passive Motion (CPM) units. Because of the multitude of CPM units and accessories on the market, this course will cover CPM units in the broadest generic terms. For specific information related to a particular brand of CPM unit, please consult the manufacturers. This course also includes links to CPM manufacturers. Learning objectives: 1. Identify the basic models of CPM units; 2. Identify the components and various accessories of a CPM unit; 3. Explain who would use a CPM unit; 4. Perform basic CPM unit maintenance procedures; 5. Explain how a CPM unit can be used safely. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

PEC013 - Introduction to Nebulizer Systems

This course introduces the new home medical equipment staff member to aerosol nebulizer systems. Because of the multitude of brands of nebulizers and other system components on the market, this course will cover the devices in the broadest generic terms. For specific information related to a particular brand of nebulizers and system components, please consult the manufacturers. This course also includes links to several manufacturers. Learning objectives: 1. Define airway obstruction; 2. Explain what aerosol nebulizer systems are and who would use them; 3. Explain how a nebulizer system is used; 4. Identify the physical factors in aerosol deposition. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

PEC014 - Introduction to Ostomy Care

This course will provide you information about products that help individuals manage their ostomies following ostomy surgery. Because of the multitude of brands of ostomy products on the market, this course will cover ostomy products in the broadest generic terms. For specific information related to a particular brand of ostomy products, please consult the manufacturers. This course also includes links to ostomy product manufacturers. You should complete the courses "OWC001a - Overview of Ostomies - Part 1" and "OWC001b - Overview of Ostomies - Part 2" before taking this course. Learning objectives: 1. Identify products designed to manage each type of ostomy; 2. Explain who would use an ostomy product; 3. Explain how certain foods and medication can affect the ostomy patient; 4. Provide tips and suggestions on how ostomy patients can safely manage and care for their ostomy. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

PEC015 - Introduction to Breast Pumps

This course introduces the new home medical equipment staff member to breast pumps. Because of the number of breast pumps and accessories on the market, this course will cover breast pumps in the broadest generic terms. For specific information related to a particular brand of breast pump, please consult the manufacturers. This course also includes links to VGM Participating breast pump manufacturers. Learning objectives: 1. Explain how a woman's breast manufactures milk; 2. Define "let-down" reflex and explain the process; 3. Explain the purpose of a breast pump and how it is used; 4. Identify the three basic types of breast pumps; 5. Explain how to determine the most appropriate breast pump for a nursing mother; 6. Provide suggestions on how a new nursing mother can overcome her anxiety about using a breast pump for the first time; 7. Explain the conditions under which breast milk should be stored; 8. Explain how a nursing mother can maintain her milk supply; 9. Explain how a breast pump should be used safely. To successfully complete this course, you must attain a minimum score of

80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

PEC016 - Introduction to Spirometry

This course introduces you to spirometry. This measurement can help the clinician determine whether an individual has a disease in the lungs, and help determine whether the disease is obstructive or restrictive. Because of the variety of spirometry systems and accessories on the market, this course will cover spirometry systems in the broadest generic terms. For specific information related to a particular brand of system, please consult the manufacturers. This course also includes a link to VGM Participating vendors of spirometry systems and accessories, and of peak flow meters. You should complete the following courses before beginning this course: "DMGT016 - Overview of Cystic Fibrosis," "DMGT018 - Overview of Tuberculosis," "RESP009 - Asthma Management: Interventions and Strategies," and "RESP010 - Intervention and Strategies of the COPD Population." Learning objectives: 1. Explain what spirometry systems are and who would use them; 2. Explain what a peak flow meter is and who would use one; 3. Explain how a spirometry system is used; 4. Explain how a peak flow meter is used; 5. Identify the parts that make up a basic spirometry system and the various accessories that can be used with a basic device. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

PEC017 - Introduction to Power Mobility Devices

This course introduces the new home medical equipment staff member to power mobility devices (power wheelchairs and scooters). Because of the multitude of brands of power mobility devices and accessories on the market, this course will cover power mobility devices in the broadest generic terms. For specific information related to a particular brand of power mobility device, please consult the vendors. Learning objectives: 1. Identify the basic criteria for medical necessity for a power mobility device in general and a scooter or power wheelchair specifically; 2. Identify the basic features of a Group 1, Group 2, Group 3, Group 4, and Group 5 power wheelchair and how they differ from one another; 3. Identify at least four basic criteria that an individual should meet to be appropriate for each of the different types of power wheelchairs listed in objective #2; 4. Discuss the advantages and disadvantages among the three different types of drive wheel positions. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program. RESNA approves the 0.1 IACET CEUs for recertification.

PEC018 - Introduction to Ambulatory Aids

This course introduces the new home medical equipment staff member to standard ambulatory aids (canes, crutches and walkers). Because of the multitude of brands of ambulatory aids and accessories on the market, this course will cover ambulatory aids in the broadest generic terms. For specific information related to a particular brand of ambulatory aid, please consult the vendors. Learning objectives: 1. Explain the purpose and clinical indications of ambulatory aids; 2. Describe briefly how each ambulatory aid works; 3. Demonstrate correct adjustment, use and placement of ambulatory aids; 4. Demonstrate cleaning procedures appropriate to the ambulatory aid. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program. RESNA approves the 0.1 IACET CEUs for recertification.

PEC019 - Introduction to Suction Pumps

This course introduces the new home medical equipment staff member to suction pumps. Because of the multitude of suction pumps and accessories on the market, this course will cover suction pumps in the broadest generic terms. For specific information related to a particular brand of suction pumps, please consult the manufacturers. This course also includes links to several suction pump manufacturers. Learning objectives: 1. Identify three types of suctioning and their purposes; 2. Identify types of suction pumps, accessories, and uses; 3. Identify appropriate suctioning levels per user and perform tests to check suctioning level; 4. Perform proper suctioning techniques; 5. Troubleshoot common problems with suction pumps; 6. Perform proper cleaning of pump and parts. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

PEC020 – Introduction to Lymphedema Products

This course introduces the new home medical equipment staff member to lymphedema products (pumps and compression garments). Because of the multitude of brands of lymphedema products, this course will cover the products in the broadest generic terms. For specific information related to a particular brand of lymphedema products, please consult the vendors. Learning objectives: 1. Define lymphedema; 2. Describe what a lymphedema pump is and who would use it; 3. Explain the proper use a lymphedema pump; 4. Describe the four types of lymphedema pumps; 5. Explain how to use compression garments and bandaging; 6. Explain how to properly clean a lymphedema pump and garments. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 Scientific (S) Category I PCEs by the American Board for Certification in Orthotics and Prosthetics (ABC) will be granted to those certified in the disciplines of: Orthotists, Orthotic Assistants, Orthotic Technicians, Orthotic Fitters, Prosthetists, Prosthetic Assistants, Prosthetic Technicians, Mastectomy Fitters, Pedorthists; 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

REHB009 - Challenges for the Bariatric Resident

This course examines the epidemic of obesity in the United States and the challenges that face the bariatric client. Before completing this course, you should complete the courses “DMGT004 - Understanding Obesity” and “DMGT003 - Obesity Among Older Americans.” Learning objectives: 1. Define bariatrics; 2. Explain the difference between “overweight” and “obesity;” 3. Explain the prevalence of obesity in the U.S. and its direct cost to the U.S. healthcare system; 4. Identify the major challenges that face the bariatric client; 5. Explain the importance of addressing skin and wound care issues for the bariatric client; 6. Explain why a global assessment approach can work best at addressing a bariatric client’s needs. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program. RESNA approves the 0.1 IACET CEUs for recertification.

REHB014 - CIRA: Postoperative Pain Control

A technique called continuous infusion regional analgesia (CIRA) has emerged in recent years as an alternative to both pharmacological and regional nerve block techniques for control of postoperative pain. This course will introduce you to CIRA, its administration and results of CIRA studies. Learning objectives: 1. Identify more traditional methods of postoperative pain control; 2. Explain how CIRA is effective in reducing postoperative pain control; 3. Identify the components of a CIRA system; 4. Identify the major advantages of CIRA as a method of controlling postoperative pain; 5. Explain the results of referenced studies on CIRA. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

REHB015 - Continuous Cold Therapy for Postoperative Pain

This course addresses the use of continuous cold therapy (CCT) to manage post-operative pain. Learning objectives: 1. Explain how cold therapy (or cryotherapy) is used as an adjunct for the management of pain following surgery; 2. Explain how CCT can be used to affect the temperature of joints and tissue; 3. Explain the effects of cold on nerve function and muscles; 4. Identify the parameters of inflammation that can be affected by CCT; 5. Explain the importance of identifying pain as a “qualitative” experience rather than a “quantitative” experience; 6. Explain how medication intake and days of hospital stay can influence the evaluation of pain intensity and quality of patient life; 7. Identify the major pain-reducing benefits of CCT. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 1.0 Scientific (S) Category I PCEs by the American Board for Certification in Orthotics and Prosthetics (ABC) will be granted to those certified in the disciplines of: Orthotics, Orthotic Assistants, Orthotic Technicians, Orthotic Fitters, Prosthetics, Prosthetic Assistants, Prosthetic Technicians, Mastectomy Fitters, Pedorthists; 1.0 Category I CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

REHB016 - Implications of Immobility

This course reviews the effects of immobility on the human body. Learning objectives: 1. Identify the deleterious effects of immobility on all body systems; 2. Describe the benefits of Continuous Lateral Rotational Therapy (CLRT) across the care continuum; 3. Discuss recent clinical research on the effects

of CLRT in the treatment of pulmonary disease; 4. Identify indicators for discontinuation of CLRT; 5. Discuss case management/nursing considerations across the care continuum for patients on CLRT; 6. Discuss cost benefit ratio of CLRT in certain disease states. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 1.0 Scientific (S) Category I PCEs by the American Board for Certification in Orthotics and Prosthetics (ABC) will be granted to those certified in the disciplines of: Orthotics, Orthotic Assistants, Orthotic Technicians, Orthotic Fitters, Prosthetics, Prosthetic Assistants, Prosthetic Technicians, Mastectomy Fitters, Pedorthists, Therapeutic Shoe Fitters; 1.0 Category I CPE credit by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program. RESNA approves the 0.1 IACET CEUs for recertification.

REHB017 - Knee Bracing: Science or Psychology?

This course provides information that physical rehabilitation clinicians can use when deciding whether or not to use functional knee bracing during the treatment of significant knee joint injuries. Learning objectives: 1. Identify the “roots” of functional knee bracing; 2. Describe recent research into the affects of functional knee bracing; 3. Describe the benefits of functional knee bracing; 4. Identify the mechanical and material factors affecting knee brace function; 5. Identify the factors to be considered when selecting a particular knee brace. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 1.0 Scientific (S) Category I PCEs by the American Board for Certification in Orthotics and Prosthetics (ABC) will be granted to those certified in the disciplines of: Orthotics, Orthotic Assistants, Orthotic Technicians, Orthotic Fitters; 1.0 Category I CPE credit by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program. RESNA approves the 0.1 IACET CEUs for recertification.

REHB019 - Spinal Cord Injury

This course provides information about spinal cord injuries (SCI) and the role a case manager plays in the acute and rehabilitation of persons with SCI. Learning objectives: 1. Define spinal cord injury; 2. Explain how diagnosis translates to long-term acute care, rehab planning and cost efficiency; 3. Describe medical, psychological and environmental issues important to the SCI patient; 4. Describe the case manager’s role in identification and facilitation of prescription options; 5. Explain the case manager’s role in assessment, prescription and on-going rehab/care needs. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 0.75 Scientific (S) Category I PCEs by the American Board for Certification in Orthotics and Prosthetics (ABC) will be granted to those certified in the disciplines of: Orthotics, Orthotic Assistants, Orthotic Technicians, Prosthetics, Prosthetic Assistants, Prosthetic Technicians; 1.0 Category I CPE credit by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program. RESNA approves the 0.1 IACET CEUs for recertification.

REHB020 - Traumatic Brain Injury

This course discusses issues, interventions and information pertinent to case managers who work with patients who have sustained a traumatic brain injury (TBI). Learning objectives: 1. Define TBI; 2. Describe the case manager’s role in TBI assessment, care and treatment; 3. Identify the variations of TBI, including Anoxia/Hypoxia Brain Injury (ABI), and how the variations affect rehabilitation and outcomes; 4. Describe some of the tools a case manager can use in assessment, treatment and planning for a TBI patient and family. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 1.0 Category I CPE credit by the Board for Orthotist/Prosthetist Certification (BOC); VGM Education is authorized by IACET to offer 0.2 CEUs for this program. RESNA approves the 0.2 IACET CEUs for recertification.

REHB027 – Overview of Joint Replacement

Damaged hip joints and knee joints are by far the most common joints that are replaced by surgery, although shoulder, finger, ankle and elbow joints can also be replaced. This course provides an overview of hip and knee replacement including the risks and complications of such surgery. Learning objectives: 1. Discuss the causes of joint damage; 2. Identify which joints are commonly replaced and why; 3. Explain the basics of hip and knee replacement surgery; 4. Describe the risks and potential complications of and alternatives to joint replacement surgery. To successfully complete this course, you must attain a minimum score of 80 percent on the final exam and complete the course training survey. Continuing education: 1.0 Scientific (S) Category I PCEs by the American Board for Certification in Orthotics and

Prosthetics (ABC) will be granted to those certified in the disciplines of: Orthotists, Orthotic Assistants, Orthotic Technicians, Orthotic Fitters; 1.0 Category I CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program. RESNA approves the 0.1 IACET CEUs for recertification.

REHB028 – Overview of Foot and Ankle Injuries

This course provides an overview of the types of injuries that can occur to a person's feet and ankles. Describe the basic structure of the bones, tendons and ligaments of the feet and ankles. Learning objectives: 1. Describe the types of common foot and ankle injuries; Recognize when a foot or ankle injury can be treated at home; 3. Explain the available home treatment options for common foot and ankle injuries; 4. Recognize when an injury requires a visit to the doctor for evaluation and possible treatment. 5. Explain the steps to take to help prevent foot and ankle injuries. To successfully complete this course, you must attain a minimum score of 80 percent on the final exam and complete the course training survey. Continuing Education: 1.0 Scientific (S) Category I PCEs by the American Board for Certification in Orthotics and Prosthetics (ABC) will be granted to those certified in the disciplines of: Orthotists, Orthotic Assistants, Orthotic Technicians, Orthotic Fitters, Pedorthists; 1.0 Category 1 CPE credits by the Board for Orthotist/Prosthetist Certification (BOC); 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

RESP008 - Home Oxygen Therapy

More and more people are using oxygen therapy outside the hospital, permitting them to lead active, productive lives. This course explains what home oxygen therapy is, the types of home oxygen therapy available today, and how the therapy can benefit the patient. Learning objectives: 1. Define home oxygen therapy; 2. Explain the indications for home oxygen therapy; 3. Explain how the need for home oxygen therapy is determined; 4. List the benefits of home oxygen therapy; 5. Identify the three methods through which home oxygen therapy is delivered; 6. Identify the issues a physician must consider in order to prescribe the appropriate home oxygen therapy to a particular patient; 7. List the safety precautions a patient must take when using oxygen in the home. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 1.0 contact hour of Continuing Respiratory Care Education (CRCE) credit by the American Association for Respiratory Care (AARC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

RESP009 - Asthma Management: Interventions and Strategies

This course will review the elements of asthma and the aspects of properly managing patients with the disease. Learning objectives: 1. Define asthma and articulate its long-term affects; 2. Identify and explain the methods used to diagnose asthma; 3. Identify and explain the methods used to treat asthma; 4. Describe the key components to include in the asthmatic's plan of care; 5. Explain the factors that may inhibit an effective plan of care; 6. Explain the economics of asthma care and treatment. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 2.0 contact hours of Continuing Respiratory Care Education (CRCE) credit by the American Association for Respiratory Care (AARC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

RESP010 - Intervention and Strategies for the COPD Population

This course will define chronic obstructive pulmonary disease (COPD) both as a primary disease state and as a co-morbid condition. Learning objectives: 1. Define COPD and describe the "picture" of the patient with this chronic condition; 2. Explain the necessity and variances in the short- and long-term interventions for this population; 3. Describe the clinical and financial benefits of consistent long-term therapy interventions. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 2.0 contact hours of Continuing Respiratory Care Education (CRCE) credit by the American Association for Respiratory Care (AARC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

RESP011 - Long-Term Management of Sleep-Disordered Breathing

This course will define sleep-disordered breathing and aspects of long-term management of the patient with this illness. Learning objectives: 1. Identify the primary disease states that may result in sleep disorders; 2. Explain the key components to effective care planning for patients with sleep disorders; 3. Describe the sleep apnea cycle and its affects on the body. To successfully complete this course, you

must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 2.0 contact hours of Continuing Respiratory Care Education (CRCE) credit by the American Association for Respiratory Care (AARC); VGM Education is authorized by IACET to offer 0.2 CEUs for this program.

RESP012 - MDI: Aerosol Delivery

This course contains three separate presentations on inhalation aerosol therapy given at the 1998 AARC International Respiratory Congress Symposium. The course is provided courtesy of Philips Respironics' Asthma & Allergy Division. Learning objectives: 1. List at least two reasons a patient should use a metered dose inhaler (MDI) with a spacer; 2. Explain for which three diseases that bronchodilators are useful; 3. Define asthma and the prevalence of the disease throughout the United States; 4. Identify the three requirements for inhalation aerosol therapy to be effective; 5. Define impaction and diffusion; 6. Identify the factors that are critical to the success of inhalation aerosol therapy; 7. List the critical design features of spacers; 8. Explain the importance of flow rate through a spacer; 9. Identify the responsibilities of the National Asthma Education and Prevention Program (NAEPP); 10. Identify the steps that asthma patients can take to self-manage their disease. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 4.0 contact hours by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.4 CEUs for this program.

RESP013 - CPAP Humidification

This course identifies the benefits and limitations of CPAP humidification to help patients and to build trust with referral sources. This course was developed from an article titled "*Dew Diligence is Recommended*," which appeared in the February 2006 issue of *DealerProvider* magazine. Learning objectives: 1. Identify the two most important issues that should be addressed to maximize CPAP compliance; 2. Explain how a CPAP works; 3. Explain why CPAP systems are designed to continuously leak air; 4. Describe the effect of humidity when used with CPAP; 5. Explain how a humidifier works with a CPAP; 6. Define the term "rainout" and explain how it can be avoided. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

RESP015a – Airborne Allergens – Part 1

This course is the first of a two-part series about airborne allergens. This first part summarizes what health experts know about the causes and symptoms of allergic reactions to airborne allergens, and how health care providers diagnose these reactions. You should complete this course before taking "RESP015b – Airborne Allergens – Part 2." Learning objectives: 1. Explain what an allergy is, and why some people are allergic; 2. List the signs and symptoms of airborne allergies; 3. Identify at least four of the most common types of airborne allergens. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

RESP015b – Airborne Allergens – Part 2

This course is the second of a two-part series about airborne allergens. This second part summarizes what health experts know about how people can prevent or reduce allergic reactions, how to treat these reactions, and what medical researchers are doing to help people who suffer from these allergies. You should complete "RESP015a – Airborne Allergens – Part 1" before taking this course. Learning objectives: 1. Explain steps that a person with allergies can take to gain relief from allergy symptoms; 2. Describe two methods by which allergies are diagnosed; 3. Explain five methods that can be used to treat allergy symptoms; 4. Explain what type of research is taking place to understand what happens to the human body during the allergic process. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

RESP022a - OSA Links to CVD and Diabetes – Part 1

This is the first of a two-part series of courses about the relationship between Obstructive Sleep Apnea (OSA) and both cardiovascular disease (CVD) and diabetes. This first part provides an overview of OSA, and reviews results of studies linking OSA to heart disease and diabetes. Learning objectives: 1. Define the most common form of sleep disordered breathing: Obstructive Sleep Apnea (OSA); 2. Review current trends in co-morbid conditions: cardiovascular disease (CVD), including hypertension, arrhythmias and

heart failure; and type 2 diabetes; 3. Explain the physiologic association between OSA and CVD, and OSA and type 2 diabetes; 4. Describe the benefits of positive airway pressure (PAP) therapy in treating OSA; 5. Educate and help develop strategies to improve medical management of patients with co-morbid conditions who also suffer from OSA. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC), 2.0 contact hours of Continuing Respiratory Care Education (CRCE) credit by the American Association for Respiratory Care (AARC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

RESP022b - OSA Links to CVD and Diabetes – Part 2

This is the second of a two-part series of courses about the relationship between Obstructive Sleep Apnea (OSA) and both cardiovascular disease (CVD) and diabetes. This second part focuses on the treatment of sleep disordered breathing, and explains how care professionals can improve OSA screening and therapy in their practice. Learning objectives: 1. Define the most common form of sleep disordered breathing: Obstructive Sleep Apnea (OSA); 2. Review current trends in co-morbid conditions: cardiovascular disease (CVD), including hypertension, arrhythmias and heart failure; and type 2 diabetes; 3. Explain the physiologic association between OSA and CVD, and OSA and type 2 diabetes; 4. Describe the benefits of positive airway pressure (PAP) therapy in treating OSA; 5. Educate and help develop strategies to improve medical management of patients with co-morbid conditions who also suffer from OSA. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); 2.0 contact hours of Continuing Respiratory Care Education (CRCE) credit by the American Association for Respiratory Care (AARC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

RESP023 – Overview of Bronchitis

Bronchitis is an inflammation of the bronchial tubes, the airways that carry air to the lungs. This course provides an overview of bronchitis including an explanation of the differences between the two types of bronchitis: acute and chronic. Learning objectives: 1. Describe the two main types of bronchitis; 2. Explain the causes and risk factors of bronchitis; 3. Describe the various treatments for bronchitis and lifestyle changes that can help a patient with bronchitis. To successfully complete this course, you must attain a minimum score of 80 percent on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

RESP024 – Overview of Acute Respiratory Distress Syndrome

Acute respiratory distress syndrome (ARDS) is a confusing, difficult pulmonary condition that is swift and severe in its development. This course provides an overview of ARDS, including its causes, signs and symptoms, and treatment. Learning objectives: 1. Define ARDS; 2. Explain how ARDS affects normal lung function; 3. Explain the causes of ARDS; 4. Identify the signs and symptoms of ARDS and explain how ARDS is diagnosed; 5. Describe the treatments for ARDS; 6. Explain the possible complications of ARDS. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

SAFE024 – Bariatric Hospital Bed Safety and Selection

This course will discuss current electric hospital bed standards and current regulatory processes in the United States. The course also provides a guide for selecting bariatric hospital beds and implications for future research. Learning objectives: 1. Identify types of electric hospital bed malfunctions that cause preventable injuries and deaths each year; 2. Discuss current and previous U.S. electric hospital bed standards; 3. Identify the current U.S. electric hospital bed minimal safety standard or level of equivalency that bed systems (bed, mattress, and attached equipment) should be tested at or above; 4. Discuss facility and care provider responsibility for maintaining the electric hospital bed minimal safety standard after facilities or care providers alter the bed system; 5. Identify items to consider when selecting an electric bariatric hospital bed system. To successfully complete this course, you must attain a minimum score of 80% on the final exam and complete the course training survey. Continuing Education: 1.0 contact hour by the Commission for Case Manager Certification (CCMC); VGM Education is authorized by IACET to offer 0.1 CEUs for this program.

ALL/INF – Infection Control

As a health care worker, you may be exposed to many different sources of infection. Infections may be transmitted by blood or body fluids, by air or respiratory secretions, or by direct contact with other infectious materials. You can protect yourself and others from infection by following the infection control guidelines in your workplace, by using personal protective equipment like gloves and masks, and by following standard precautions. This course provides current information and will update your knowledge on infection control procedures, health care related infections, and infectious disease outbreaks so you can help prevent the transmission of infection to yourself, your coworkers and those in your care.

HHP/SAF – Occupational Hazards in Home Healthcare

Home health care work involves challenges that are not present in hospital or other in-patient health care settings. Attracting workers and retaining them is a high priority for many home health care agencies, and providing a more healthful, less stressful, work climate is an important part of any retention strategy. This course discusses job stressors and other hazards present in home healthcare work and provide suggestions for how job stress and hazards may be prevented, reduced, or handled for home health care workers.

NUR/AGE – Hearing Loss: The Silent Epidemic

Hearing is the ability to perceive sound by detecting vibrations through an organ such as the ear. Hearing is one of the traditional five senses and is essential to learning, working and social interaction. Individuals with a hearing disorder do not hear sound clearly. The problem may range from hearing sounds faintly to profound deafness. Some causes of hearing loss include chronic ear infections or exposure to very loud noise, which can damage the structure of the inner ear as well as the auditory nerve. Other causes include aging and health problems during birth.

NUR/CND – Stroke

Stroke is the fourth leading cause of death in the United States and a leading cause of serious long-term disability in adults. A stroke occurs when blood flow to the brain is interrupted. Although stroke is a disease of the brain, the entire body can be affected. Disabilities resulting from a stroke can be mild to severe. Some effects may be temporary while others are permanent. Treatment can include rehabilitation therapies, medication or surgery and depends on the severity and type of stroke.

NUR/EMC – Neurovascular Emergencies

Neurovascular emergencies require timely and accurate assessments and treatments to ensure the best clinical outcomes. This course will give a brief overview of the anatomy of the neurovascular system, describe some of the common neurovascular emergencies, and explore the immediate assessment and treatment recommendations for each type of emergency as well as some of the potential complications care providers for these patients may encounter.

NUR/EMC – Submersion Injuries: Drowning

Millions of people enjoy the beach – surfing, swimming pools, spas, and boating, every day. Water sports should be fun and exciting, yet about 8,000 people annually drown in the United States, tragically, 40 percent of them children under the age of five.

NUR/EMC – Traumatic Brain Injury

A traumatic brain injury (TBI) is caused by a blow or jolt to the head or a penetrating head injury that disrupts the normal function of the brain. Not all blows or jolts to the head result in a TBI. TBIs contribute to a substantial number of deaths and cases of permanent disability annually. Of the 1.7 million who sustain a TBI each year in the United States: 52,000 die, 275,000 are hospitalized and 1.365 million are treated and released from an emergency department.

NUR/ETH – Ethical Principles in Nursing

Ethical foundations are essential to the decision-making process in nursing. This course reviews the ethical principles most applicable to nursing and health care. An effective way to become familiar with ethical principles and the application of ethical principles is to use case studies.

NUR/MHC – Anxiety Disorders

Anxiety disorders affect about 40 million American adults age 18 years and older (about 18%) in a given year, causing them to be filled with fearfulness and uncertainty. Unlike the relatively mild, brief anxiety caused by a stressful event (such as speaking in public or a first date), anxiety disorders last at least six months and can get worse if they are not treated. Anxiety disorders commonly occur along with other mental or physical illnesses, including alcohol or substance abuse, which may mask anxiety symptoms or

make them worse. In some cases, these other illnesses need to be treated before a person will respond to treatment for the anxiety disorder.

NUR/MHC – Borderline Personality Disorder

Borderline personality disorder is a serious mental illness marked by unstable moods, behavior, and relationships. Most people who have borderline personality disorder suffer from problems with regulating emotions and thoughts, impulsive and reckless behavior and unstable relationships with other people. People with this disorder also have high rates of co-occurring disorders, such as depression, anxiety disorders, substance abuse, and eating disorders, along with self-harm, suicidal behaviors, and completed suicides.

NUR/MHC – Post-Traumatic Stress Disorder

PTSD is an anxiety disorder that some people get after seeing or living through a dangerous event. When in danger, it's natural to feel afraid. This fear triggers many split-second changes in the body to prepare to defend against the danger or to avoid it. This "fight-or-flight" response is a healthy reaction meant to protect a person from harm. But in PTSD, this reaction is changed or damaged. People who have PTSD may feel stressed or frightened even when they're no longer in danger.

NUR/PAI – Complex Regional Pain Syndrome

Complex regional pain syndrome (CRPS), formerly caused reflex sympathetic dystrophy (RSD), is a chronic pain disorder that involves a dysfunctional response of the nervous system and may develop after a traumatic injury or a period of immobilization. CRPS pain is often described as deep, aching, cold, and/or burning and is frequently associated with increased skin sensitivity. CRPS affects from 2.3 to 3 times more women than men and is a major cause of disability – only one in five patients are able to fully resume prior activities.

NUR/PAI – Pain Management and Healthcare

Pain is a common experience in all health care settings. It is the most common reason why people seek health care. Pain can range from mild discomfort to severe pain and each person's experience with it is different. Many times pain goes undetected and untreated. It is the responsibility of all members of the health care team to help patients be as comfortable and pain-free as possible. This course will provide health care personnel with an overview of the pain problem.

NUR/SKI – Pressure Ulcers

A pressure ulcer is an area of skin breakdown that occurs when a patient stays in one position without relief. The constant pressure against the skin reduces the blood supply to the area, which causes the affected tissue to die. A pressure ulcer can start as a reddened area but progresses to an open sore which compromises both the tissue and blood supply to the area. Pressure ulcers commonly occur over bony prominences such as elbows, heels, hips, ankles, and shoulders. They are categorized by severity from Stage 1 (earliest stage) to Stage IV (worst). Individual patients may be more at risk than others for pressure ulcer development. If an ulcer is identified, steps to prevent it must start immediately as it is easier to prevent one than to cure one.

NUR/WCS – The Skin

This course will focus on the basics of the integumentary system and diseases and other conditions that may affect the skin. The integumentary system, or the skin, is the largest organ system of the body and comprises about 12-15% of total body weight. The integumentary system has a variety of functions; it protects the body from the external environment and may serve to waterproof, cushion, and protect the deeper tissues, excrete wastes, and regulate temperature, and is the attachment site for sensory receptors to detect pain, sensation, pressure, and temperature.

SOC/ETH – Social Work Ethics

The practice of social work includes looking at the intrinsic worth and dignity of all human beings. Social workers are committed to the values of acceptance, self-determination and respect of individuality. Through their work they are able to assess, aid and prevent social dilemmas through both direct and indirect involvement with their clients. Social workers not only work to enhance the well-being of individuals, but they also work toward meeting basic human needs. This course will assist the social worker to explore and examine the values and ethics needed to fulfill the standards of their profession as well as meet the needs of those they serve.