

Online Courses

Our online continuing medical education (CME) combines timely, insightful content with the convenience of home or workplace study. Courses are available to anyone wishing to participate. Physicians, nurses, and pharmacists can earn continuing medical education credit by completing the registration form at the beginning of each CME. Other participants can register and obtain a certificate of completion.

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Guidelines For Using Body Composition Measurements

Course Description: The following guidelines were specifically designed to help clinicians use BIA to diagnose HIV-associated wasting, and also to monitor body composition in patients who have been placed on wasting therapies. The faculty hoped these guidelines would assist providers as they make important clinical decisions affecting patient care.

Course Accreditation: This course is not CME-accredited.

A Treater's Perspective

Course Description: This educational program was designed to provide physicians, nurses, and pharmacists with the most up-to-date information on wasting in HIV disease.

Course Accreditation: This course is not CME-accredited.

Morphologic and Metabolic Complications of HIV and HAART

Course Description: This educational program was designed to provide physicians, nurses, and pharmacists with the most up-to-date information on the morphologic and metabolic complications of HIV and HAART.

Course Accreditation: This course is not CME-accredited.

Severe Systemic Complications of Acromegaly

Course Description: Acromegaly is a rare disease characterized by progressive somatic disfigurement and a wide range of systemic manifestations. At diagnosis, patients generally exhibit coarsened facial features, exaggerated growth of hands and feet, and soft tissue hypertrophy. Other characteristics may include cardiovascular disease, respiratory disorders and various other osteo-skeletal complications. Early diagnosis and intervention may help prevent these complications and help normalize life expectancy in patients with the disease. The goal of this program is to provide endocrinologists, pediatric endocrinologists and other healthcare providers with an understanding of the severe systemic complications of acromegaly.

Course Accreditation: This course is not CME-accredited.

GH Replacement In Adult GH Deficiency

Course Description: This online CME program - presented during the 6th European Congress of Endocrinology (EFES) in Lyons, France on April 26, 2003, at the Serono Symposia International Satellite Symposium – reviewed the results of a clinical study that evaluated the effects and safety of r-hGH replacement therapy in Adult Growth Hormone Deficiency (AGHD). The results of a short-term double-blind placebo controlled phase of 6 months were provided together with a long-term open-label phase up to 30 months and confirmed the sustained benefits and safety of r-hGH replacement therapy in AGHD.

Course Accreditation: This course is not CME-accredited.

Is Aging a Disease

Course Description: Serono Symposia International would like to thank Dr Merriam, Professor Stollo, and Dr Walker for their presentations at the sponsored Symposia at the 3rd World Congress on The Aging Male. Each of these presentations provided insight and background into the biologic processes that contribute to aging, and the ways in which growth hormone (GH), and other factors associated with the hypothalamo-pituitary axis may prevent or reverse some of these processes. The target audience was physicians and other health professionals interested or trained in Endocrinology.

Course Accreditation: This course is not CME-accredited.

Clinical Perspectives on HIV

Course Description: The goal of this educational activity was to provide a clearer understanding of HIV-associated lipodystrophy syndrome, an umbrella term used to describe various metabolic and morphologic changes that sometimes accompany HIV infection, particularly in patients taking antiretroviral agents. Although estimates of patients with genetic or non-HIV-related acquired lipodystrophy in the medical literature number only a few hundred, a few thousand cases were reported at the First International Workshop on Adverse Drug Reactions and Lipodystrophy in HIV in San Diego, June 26-28, 1999. The prevalence of the HIV-associated syndrome remains unclear, partly because a working definition for the condition has been difficult to develop. This educational program was designed to provide physicians, nurses and pharmacists with current information on HIV-associated lipodystrophy syndrome and to clarify issues surrounding its diagnosis and management.

Course Accreditation: This course is not CME-accredited.

Morbidity of Adults as Small for Gestational Age

Course Description: The morbidity of children and adults born small for gestational age (SGA) is still poorly understood and it is unclear if SGA will lead to Syndrome X in childhood. Around 100,000 children are born with SGA annually in the U.S. alone, the public health aspects of SGA are of great importance. The target audience was physicians and other health professionals interested or trained in Endocrinology, Pediatrics and growth related disorders.

Course Accreditation: This course is not CME-accredited.

Body Composition and Bioelectrical Impedance Analysis

Course Description: In this course we will discuss BIA and a brief review of available methods for determining body composition, body compartments, and how to interpret BIA results. There are several types of BIA machines on the market today. These include foot-to-foot stand-on scales, hand-to-hand machines, and hand-to-foot (tetrapolar) machines. Some tetrapolar machines use a standard 50 kHz single-frequency and others use multiple frequencies. There are limitations to each of the machines. The hand-to-hand cannot adequately represent the lower half of the body which may vary widely from person to person. The same may be true for the foot-to-foot machines with a limited ability to predict upper body composition. Beyond the type of machine that may be used, the equations that can be used to interpret machine readings have limitations in precision, accuracy, and clinical usefulness. For this course, we will discuss information using a single-frequency tetrapolar bioelectrical impedance machine because it provides the most clinically-useful information at this point in time.

OBJECTIVES

- List four methods of body composition evaluation that may be used in conjunction with BIA evaluation
- Describe three body "compartments"
- Explain reasons for increases and decreases in body compartments
- Interpret standard 3-compartment BIA report

Course Accreditation: This course is not CME-accredited.