



National Health and Nutrition Examination Survey (Nhanes): Body Composition Procedures Manual

By Centers for Disease Cont And Prevention

Createspace, United States, 2014. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****. Body composition and bone health will be evaluated in the current National Health and Nutrition Examination Survey (NHANES) by anthropometry and dual energy X-ray absorptiometry (DXA) in addition to the femur, anterior-posterior (AP) lumbar spine, and instant vertebral assessment (IVA) AP, and lateral spine scans. These methods will be used to (1) monitor secular trends in overweight prevalence; (2) describe the prevalence of obesity; and (3) examine the relationship between overweight and obesity and other examination measures, including blood pressure, glucose intolerance, and a battery of indicators for cardiovascular disease. Dual energy x-ray absorptiometry (DXA) was included for the first time in the NHANES during NHANES III: 1988-94. Femoral bone mineral density was assessed at that time using pencil-beam bone densitometers (Hologic QDR 1000). In 1999-2006, the DXA component included acquisition of whole body DXA scans using Hologic QDR 4500A fan-beam bone densitometers. Scans of the proximal femur and AP or lumbar spine were collected in 2005-2010. The NHANES dual energy x-ray absorptiometry (DXA) component in 2013 will: (1) continue to acquire whole body scans; (2) add back...



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