Resource Summary Report

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Dynamics of Health Aging and Body Composition (Health ABC)

RRID:SCR_008813
Type: Tool

Proper Citation

Dynamics of Health Aging and Body Composition (Health ABC) (RRID:SCR_008813)

Resource Information

URL: http://www.nia.nih.gov/research/intramural-research-program/dynamics-health-aging-and-body-composition-health-abc

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Description: A study that characterizes the extent of change in body composition in older men and women, identifies clinical conditions accelerating these changes, and examines the health impact of these changes on strength, endurance, disability, and weight-related diseases of old age. The study population consists of 3,075 persons age 70-79 at baseline with about equal numbers of men and women. Thirty-three percent of the men are African-Americans as are 46% of the women. All persons in the study were selected to be free of disability in activities of daily living and free of functional limitation (defined as any difficulty walking a quarter of a mile or any difficulty walking up 10 steps without resting) at baseline. The core yearly examination for HEALTH ABC includes measurement of body composition by dual energy x-ray absorptio????????metry (DXA), walking ability, strength, an interview that includes self-report of limitations, a medication survey, and weight (Measurements in the Health ABC Study). Provision has been made for banking of blood specimens and extracted DNA (HealthABC repository). Study investigators are open to collaboration especially for measures focused on obesity and associated weight-related health conditions including osteoporosis, osteoarthritis, pulmonary function, cardiovascular disease, vascular disease, diabetes and glucose intolerance, and depression. The principal goals of the HEALTH ABC are: # To assess the association of baseline body weight, lean body mass, body fat, and bone mineral content, in relation to weight history, with: incident functional limitation; incidence and change in severity of weight-related health conditions; recovery of physical function after an acute event; baseline measures of strength, fitness and physical performance; gender, ethnicity and socioeconomic status # To access the contribution of

episodes of severe acute illness in healthier older persons to changes in body weight, bone mineral content, lean body mass and body fat, and the relationship of these episodes to risk of functional limitation and recovery. # To assess the impact of weight-related co-morbid illness on the risk of functional limitation and recovery. # To assess the ways in which physiologic mediators of change in body composition influence and are influenced by changes in health in older adults and contribute to change in body composition; to understand how changes in body composition affect weight-related cardiovascular disease risk factors such as lipids, blood pressure and glucose tolerance. # To assess the interdependency of behavioral factors, such as nutrition and physical activity, co-morbid health conditions, and their association with change in body composition in old age. # To provide a firm scientific basis for understanding issues related to weight recommendations in old age through increased knowledge of the potential trade-offs between weight and risk of functional limitation, disability, morbidity and death; to provide information critical for developing effective strategies for the maintenance of health in older persons.

Abbreviations: Health ABC

Synonyms: Dynamics of Health Aging and Body Composition, Health Aging and Body Composition (Health ABC) Study, Dynamics of Health Aging Body Composition, Health Aging and Body Composition Study, Health Aging Body Composition Study

Resource Type: material resource, biomaterial supply resource

Keywords: african-american, man, woman, late adult human, obesity, osteoporosis, osteoarthritis, pulmonary function, cardiovascular disease, vascular disease, diabetes, glucose intolerance, depressive disorder, dna, serum, plasma, cell, urine, platelet, blood, citrated plasma, edta plasma, red blood cell, scat-1, buffy coat, frozen, healthy, body composition

Related Condition: Late adult human, Healthy, Aging

Funding: NIA

Availability: Collaborators: Study investigators are open to collaboration especially for measures focused on obesity and associated weight-related health conditions including osteoporosis, Osteoarthritis, Pulmonary function, Cardiovascular disease, Vascular disease, Diabetes and glucose intolerance, And depression.

Resource Name: Dynamics of Health Aging and Body Composition (Health ABC)

Resource ID: SCR_008813

Alternate IDs: nlx_144412

Record Creation Time: 20220129T080249+0000

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Ratings and Alerts

No rating or validation information has been found for Dynamics of Health Aging and Body Composition (Health ABC).

No alerts have been found for Dynamics of Health Aging and Body Composition (Health ABC).

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.