

Jackson Heart Study

<https://www.neurodegenerationresearch.eu/cohort/jackson-heart-study/>

Cohort Acronym

JHS

Cohort type

General population-based cohort

Disease

Participant type

No diagnosis

Profile

Recruitment Period 2000-2004

Sample size at start or planned sample size if still recruiting 4,000

Estimated Current Sample Size 0 to 4,999

Age at Recruitment 35-84

Gender Male and Female

Abstract

The primary objective of the Jackson Heart Study is to investigate the causes of cardiovascular disease (CVD) in African Americans to learn how to best prevent this group of diseases in the future.

Specific objectives include:

- Identification of factors, which influence the development, and worsening of CVD in African Americans, with an emphasis on manifestations related to high blood pressure (such as remodeling of the left ventricle of the heart, coronary artery disease, heart failure, stroke, and disorders affecting the blood vessels of the kidney).
- Building research capabilities in minority institutions at the undergraduate and graduate level by developing partnerships between minority and majority institutions and enhancing participation of minority investigators in large-scale epidemiologic studies.
- Attracting minority students to and preparing them for careers in health sciences.

The Jackson Heart Study conducted three cohort examinations, an initial clinic examination from 2000 to 2004 (Exam1), followed by a second exam from 2005 to 2008 (Exam 2) and a final exam in 2009 to 2013 (Exam 3). Starting in 2001, participants have been contacted annually, and ascertainment of hospitalizations for cardiovascular events and deaths is ongoing.

Country USA

Contact details

Institution name University of Mississippi

Website <https://www.jacksonheartstudy.org/>

Principal Investigator (PI) Professor Adolfo Correa

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Funders (Core support) The National Heart, Lung, and Blood Institute (NHLBI)

National Institute on Minority Health and Health Disparities (NIMHD)

Variables Collected

Brain related measures:

N/A

Functional rating:

N/A

Anthropometric:

Blood pressure, Height, Hip circumference, Waist circumference, Weight

Physical:

Cardiovascular, Hearing and Vision, Reproductive, Respiratory

Biological samples:

Blood, Urine

Genotyping:

Gene screening

Brain imaging:

N/A

Brain banking:

N/A

Lifestyle:

Alcohol, Dietary habits, Physical activity, Smoking

Socio-economic:

Education, Ethnic group, Family circumstances, Housing and accommodation, Income and finances, Informal support, Marital status, Occupation and employment

Health service utilisation:

Formal health and social care service utilisation including private care