Cardiovascular risk factors in rural Kenyans are associated with differential age gradients, but not modified by sex or ethnicity - DTU Orbit (31/01/2019)

Cardiovascular risk factors in rural Kenyans are associated with differential age gradients, but not modified by sex or ethnicity

The relationship between metabolic disease and the non-modifiable risk factors sex, age and ethnicity in Africans is not well-established. This study aimed to describe sex, age and ethnicity differences in blood pressure (BP) and lipid status in rural Kenyans. A cross-sectional study was undertaken among rural Kenyans. BP and pulse rate (PR) were measured while sitting and fasting blood samples were taken for analysis of standard lipid profile. Standard anthropometric measurements were collected. Physical activity energy expenditure was obtained objectively and lifestyle data were obtained using questionnaires. In total, 1139 individuals (61.0% women) participated aged 17-68 years. Age was positively associated with BP and plasma cholesterol levels. Sitting PR was negatively associated with age in women only (sex-interaction p

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