

Baseline data variables in the ACE 1950 Study

Data type	Details
Clinical examination	Height, weight, hip- and waist circumference, blood pressure (measured x 3 in the sitting and supine position, after 10 minutes rest).
Blood sampling – biobank	Approx. 100 mL, allocated in samples of citrate, heparin, EDTA plasma and serum. Stored in vials of 500 µL. Full blood for genetic analyses. Storage at -80°C.
Blood sampling – clinical chemistry	Extended hematogram, electrolytes, creatinine, liver enzymes, thyroid hormones, lipids, fasting blood glucose and glycated haemoglobin.
Urine	Urine samples for assessment of albumin/creatinine ratio and for biobanking. Storage at -80°C.
ECG	Electronic 12-lead and 10-second electrocardiograms with 25 mm/s and 10 mm/mV, recorded after 10 min rest. GE MAC 5500 HD (GE Healthcare).
Transthoracic echocardiography (TTE)	Images according to standard pre-defined cardiac protocol, including 3D recordings. GE Vivid E9 (GE Healthcare). M5S and 4D cardiac probes. Analyses on software Echopac BT-13.
Carotid ultrasound and transcranial color-Doppler (TCCD)	Images according to standard pre-defined protocol of right and left carotid arteries (L9 linear probe) and right and left middle cerebral arteries (MCA) (M5S cardiac probe). GE Vivid E9 (GE Healthcare). Analyses on software Echopac BT-13.
Cognitive function tests	MoCA (Montreal Cognitive Assessment Scale), 10-word Test (CERAD), Trail Making Test A, Trail Making Test B.
Spirometry	Standardized vitalograph pulmonary function test, measuring FEV1 and FVC. The test is repeated 3 times. If FEV1/FVC ratio <0.64 (men) or <0.66 (women), test is repeated after inhalation with short-acting β_2 -agonist or Ipratropium bromide.
Questionnaires	ACE 1950 Questionnaire (medical history and lifestyle), SF-36 (quality of life), HADS (anxiety and depression), DS-14 (type D personality).