

THE MAASTRICHT STUDY: CATEGORY INDEX

Anthropometric characteristics

Basic anthropometric characteristics

- Objectively measured basic anthropometric characteristics
- Self reported basic anthropometric characteristics

Birth characteristics

Body composition

- Bioelectrical impedance analysis
- DXAscan body composition
- MRI abdomen
- Skinfold measurement

Biomarkers

Blood cells

- Blood cell counts
- Flow cytometry (FACS)

Serum plasma

- Beta cell function
- Cardiac markers
- Endothelial dysfunction
- Glucose Cpeptide Insulin OGTT
- Inflammation
- Insulin resistance
- Kynurenines and Vitamins B2 and B6
- Metabolomics
- Serum plasma other
- Serum plasma QC values
- Standard clinical chemistry

Skin autofluorescence

Urine (24h)

- Urine24h Albumin
- Urine24h Creatinine
- Urine24h Potassium
- Urine24h QC values
- Urine24h Raw data
- Urine24h Sodium
- Urine24h Uric acid

Urine portion

Cardiovascular health

Arterial plaques

Arterial stiffness

- Aortic stiffness (cfPWV)
- Blood pressure during vascular measurements
- Brachial stiffness
- Carotid stiffness
- Femoral stiffness

Autonomic cardiovascular function

- Baroreflex sensitivity measurement
- Frequency domain analysis

Blood pressure

- 24h blood pressure measurement
- Ankle Brachial Index measurement
- Blood pressure variability
- Home blood pressure measurement (7days)
- Office blood pressure measurement

Cardiac function and structure characteristics

- Echocardiography
- Electrocardiography
 - ECG 12lead*
 - ECG 24h*
 - ECG 256channel*

Cardiorespiratory fitness (bicycle test)**Microcirculation**

- Capillary microscopy
- Heat induced hyperemia test
- Presence of microvascular disease
- Retinal microcirculation measurement

Self reported cardiovascular health

- Cardiovascular disease history
- Family history of CVD
- Rose Questionnaire

Demographic characteristics**Basic demographic characteristics****Education****Employment**

- Employment status
- Job stress
- Working conditions

Income and poverty**Living situation****Neighbourhood characteristics**

- Neighbourhood conditions
- Neighbourhood solidarity
- Walkability (NEWSa)

Ear health**Objectively measured hearing status (HearCheck)****Self reported hearing status**

- Hearing loss history
- HHDI
- HHIEs
- IOIHA
- MiniTQ

Eye health**Eye pressure****Health behaviour****Alcohol consumption****Diet**

- Diet pattern scores
- Food Frequency Questionnaire

Physical activity

Accelerometry (ActivPAL)
CHAMPS questionnaire
Sedentary behaviour questionnaire

Pursuit of healthier lifestyle

Sleep

Epworth Sleepiness Scale
Sleep questionnaire

Smoking status

Health economic evaluation

Care use and costs

Quality of life

EQ5D
SF36
Utility scores

Maastricht Study characteristics

Medication

Medication interview

Pharmacy data

Metabolic health

Diabetes

Diabetes status
Diabetic complications
Foot wound and amputation
Presence of microvascular disease
Family history of diabetes
Hypoglycemia
Problem Areas In Diabetes questionnaire

Metabolic syndrome

Musculoskeletal health

Bone composition

DXAscan bone density
HR pQCT

Joint examination findings

Knee Xray
Rheumatological examination

Physical function

Cardiorespiratory fitness (bicycle test)
Muscle strenght
Handgrip strength
Isometric muscle strength
Performance based physical function
6 minute walk test
Timed chair stand test
Self reported physical function
Activities restriction (GARS4)
Mobility
SF36

Self reported musculoskeletal health

- Bone fractures and falls
- Chronic musculoskeletal disease and pain
- Gout

Neurological health

Autonomic cardiovascular function

Brain structure characteristics

- MRI brain
- MRI connectivity

Cognitive performance

- Concept Shifting Test
- Forgetfulness
- General cognition (summary measures)
- Groninger Intelligentie Test
- Letter Digit Substitution Test
- MMSE
- Stroop Colour Word Test
- Word Fluency Test
- Word Learning Test

Peripheral nerve function

- Electromyography
- Vibratory sense (neurothesiometer)

Self reported neurological health

- Migraine
- Nerve disease history
- Neuropathic pain (DN4)
- Parkinson

Other health characteristics

Cancer

Gastrointestinal health

Infections

- Nose and throat swabs
- Self reported infections

Quality of life

Psychosocial characteristics

Aggression

Anxiety

- GAD7
- MINI anxiety

Depression

- Depression history
- MINI depression
- MINI dysthymia
- PHQ9

Fairness and justice perception

Mindfulness

Need for cognition

Parental style

Personal mastery

Personality

Nijmeegse Quick Big Five (QBF)

Type D personality test (DS14)

Self control**Self efficacy****Social inadequacy****Social participation****Social support and network****Respiratory health****Lung function (spirometry)****Respiration during sleep (apnea meter)****Self reported respiratory health**

ATS DLD78

Respiratory health history

Urogenital health**Kidney disease history****Menstruation and menopause****Obstetric history**