

THE MAASTRICHT STUDY: CATEGORY INDEX

Anthropometric characteristics

- Basic anthropometric characteristics
 - Objectively measured basic anthropometric characteristics
 - Self reported basic anthropometric characteristics
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 - Bioelectrical impedance analysis
 - DXAscan body composition
 - MRI abdomen
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Biomarkers

- Blood cells
 - Blood cell counts
 - Flow cytometry (FACS)
- Continuous Glucose Monitoring
- Serum plasma
 - Amino acids
 - Beta cell function
 - Cardiac markers
 - Endothelial dysfunction
 - Glucose Cpeptide Insulin OGTT
 - Inflammation
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 - Kynurenines and Vitamins B2 and B6
 - Metabolomics
 - Plasma AGEs dicarbonyls
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 - Serum plasma QC values
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 - Blood pressure during vascular measurements
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 - Ankle Brachial Index measurement
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- Cardiac function and structure characteristics
 - Echocardiography
 - Electrocardiography
 - ECG 12lead
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 - Capillary microscopy
 - Heat induced hyperemia test
 - Presence of microvascular disease
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 - Vasomotion
- Self reported cardiovascular health
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Basic demographic characteristics

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Employment

Employment status

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Neighbourhood conditions

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HHIEs

IOIHA

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Visual field analysis (HEP)

Health behaviour

Alcohol consumption

Diet

Diet pattern scores

Dutch Healthy Eating Index (DHD15)

Other_diet_patterns

Food Frequency Questionnaire

Food intake (FIT)

Artificial sweeteners

Beverages

Bread

Cereal products

Cheese

Clinical formulas

Eggs

Fats Oils Savoury sauces

Fish

Fruits

Herbs Spices

Legumes

Meat products Poultry

Milk products

Miscellaneous foods

Mixed dishes

Nuts Seeds Snacks

Pastry Biscuits

Potatoes

Savoury bread spreads

Soups

Soy Vegetarian products

Sugar Sweets Sweet sauces

Vegetables

Nutrient intake (NIT)

Amino acid intake

Dietary AGEs Dicarbonyls

Macronutrients Alcohol

Macronutrients Carbohydrates

Macronutrients Energy

Macronutrients Fats

Macronutrients Proteins

Micronutrients Minerals

Micronutrients Vitamins

Non nutrients Artificial sweeteners

Water

- Physical activity
 - Accelerometry (ActivPAL)
 - Activity during daytime*
 - Daytime activity avg day
 - Daytime activity avg weekday
 - Daytime activity avg weekendday
 - Daytime activity per day
 - Activity during nighttime*
 - Nighttime activity avg night
 - Nighttime activity avg weekendnight
 - Nighttime activity avg weeknight
 - Nighttime activity per night
 - Activity per hour*
 - Hourly activity avg day
 - Hourly activity avg weekday
 - Hourly activity avg weekendday
 - Hourly activity for7days

- Physical activity questionnaire
- Sedentary behaviour questionnaire

- Pursuit of healthier lifestyle

- Sleep
 - Epworth Sleepiness Scale
 - Sleep questionnaire

- Smoking
 - Basic smoking questionnaire
 - Nicotine dependence (FTND)
 - Smoking cessation

Health economic evaluation

- Care use and costs
- Quality of life
 - EQ5D
 - SF36

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
 - Markers glucose metabolism
 - Problem Areas In Diabetes questionnaire
- Metabolic syndrome

Musculoskeletal health

- Bone composition
 - DXAscan bone mineral density
 - DXAscan vertebral fracture assessment
 - HR pQCT
- Bone fractures (hospital record)
- 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
 - Activity 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
 - FreeSurfer_output
 - Cortical_area
 - Cortical_thickness
 - Hippocampal_subfields
 - Subcortical_volumes
 - Quality_control_FreeSurfer
 - 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
- Pain
- 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