

Healthy Brain Study

Gepubliceerd: 12-08-2019 Laatste bijgewerkt: 13-12-2022

Not applicable

Ethische beoordeling	Niet van toepassing
Status	Werving nog niet gestart
Type aandoening	-
Onderzoekstype	Observationeel onderzoek, zonder invasieve metingen

Samenvatting

ID

NL-OMON20583

Bron

Nationaal Trial Register

Verkorte titel

HBS

Aandoening

Healthy volunteers

Ondersteuning

Primaire sponsor: Radboudumc

Overige ondersteuning: Stichting Reinier Post

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

Resource for future research questions

Toelichting onderzoek

Achtergrond van het onderzoek

The human brain is civilization's most precious resource. It enables us to be the conscious and social human beings that we are, both creating and interacting with our increasingly complex environment. It is also at the core when it comes to major societal challenges like mental health, well-being and healthy behaviour, education, societal decisions and interactions. Fortunately, due to developments in different scientific fields, the endeavour to understand the human brain has seen more progress in the last few decades than in the two millennia before. To make a globally unique next step forward in understanding the complexity of the human brain and how it interacts with the body and society it is acting in, we will adopt a novel and innovative approach to integrate scientific expertise. In this context, we are in need to understand individual differences and dynamic changes and thus, we will study a large sample of individuals assessed across a period of time. Finally, high ecological validity is required to predict behaviour in real life. Therefore, we will apply ecological momentary assessments of mental states, behaviour, and (appraisal of) context in daily life.

Objective: To better understand the human brain by understanding cognition, affect and behaviour in daily life and how these are related to neural, biological and social factors.

Study design: Volunteers will be deeply and dynamically studied across an entire year in relevant cognitive, affective and behavioural domains, using questionnaires, laboratory assessments, and repeated measures such as experience sampling with and without wearables, against a background of diverse neural, biological and social data.

Study population: Healthy volunteers (N=1000, age 30-39) will be recruited from the region Nijmegen. Healthy adults in this age range are beyond the age of major neurodevelopmental changes and before the onset of neurodegenerative changes. We aim to recruit a population based sample of relatively healthy individuals.

Main study parameters/endpoints: resource for future research questions.

Doel van het onderzoek

Not applicable

Onderzoeksopzet

Not applicable

Contactpersonen

Publiek

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Wetenschappelijk

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

Volunteers aged 30-39 years who are living in the region of Nijmegen and who are willing and able to follow the study protocol.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

- not speak, read and/or understand Dutch (VMBO level)
- prior history of significant psychiatric or neurological illnesses
- current disease or medication that affects the brain
- pregnancy
- contra-indication for MRI
- contra-indication for submaximal cycling test
- contra-indication for cold pressor test

Onderzoeksopzet

Opzet

Type:	Observationeel onderzoek, zonder invasieve metingen
Onderzoeksmodel:	Anders
Toewijzing:	N.v.t. / één studie arm
Blinding:	Open / niet geblindeerd
Controle:	N.v.t. / onbekend

Deelname

Nederland

Status: Werving nog niet gestart

(Verwachte) startdatum: 01-09-2019

Aantal proefpersonen: 1000

Type: Verwachte startdatum

Voornemen beschikbaar stellen Individuele Patiënten Data (IPD)

Wordt de data na het onderzoek gedeeld: Nog niet bepaald

Ethische beoordeling

Niet van toepassing

Soort: Niet van toepassing

Registraties

Opgevolgd door onderstaande (mogelijk meer actuele) registratie

Geen registraties gevonden.

Andere (mogelijk minder actuele) registraties in dit register

Geen registraties gevonden.

In overige registers

Register	ID
NTR-new	NL7955
Ander register	CMO Radboudumc : 2018-4894

Resultaten