

Emotion Recognition problems after Discrete, Cerebellar lesions

Gepubliceerd: 15-06-2018 Laatste bijgewerkt: 18-08-2022

We expect an impaired emotion recognition in patients with cerebellar lesions in comparison with matched controls.

Ethische beoordeling	Positief advies
Status	Anders
Type aandoening	-
Onderzoekstype	Observationeel onderzoek, zonder invasieve metingen

Samenvatting

ID

NL-OMON29378

Bron

Nationaal Trial Register

Aandoening

Cerebellum, emotion recognition, emotion perception, emotieperceptie, emotieherkenning, kleine hersenen

Ondersteuning

Primaire sponsor: University Medical Center Groningen

Overige ondersteuning: European Research Council (ERC)

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

Performance on the FEEST, a neuropsychological test assessing emotion recognition

Toelichting onderzoek

Achtergrond van het onderzoek

Whereas cerebellar damage was originally related to problems in fine motor functions, it has in the past decades been found that it can cause various cognitive consequences as well, including problems in higher-order, frontal regulated cognitive functions such as deficits in emotion recognition. Deficits in emotion recognition can have profound consequences for adequate social functioning. However, the number of studies assessing the role of emotion recognition deficits after cerebellar lesions is limited. Therefore, the current study will assess emotion recognition in patients with discrete, cerebellar lesions, using a test with excellent sensitivity and extensive norm data. We expect impaired emotion recognition in these patients.

Doel van het onderzoek

We expect an impaired emotion recognition in patients with cerebellar lesions in comparison with matched controls.

Onderzoeksopzet

Emotion recognition will be assessed with the Facial Expressions of Emotions: Test and Stimuli (FEEST). Additional neuropsychological tests will be carried out to assess other aspects of cognitive functioning. This includes the Cognitive Screening Test (CST) as a general screening of cognitive functioning and the National Adult Reading Test (NLV) as a screening test of premorbid verbal intelligence. The Boston Naming Test (BNT) will be performed to assess word retrieval. To assess working memory, Digit Span (WAIS-IV) will be included and to assess memory the Rey Auditory Verbal Learning Test (RAVLT) will be carried out. The assessment of executive functioning will be done by means of the Trail Making Test A and B (TMT), the Verbal Fluency Test (both phonemic and category fluency), the Wisconsin Card Sorting Test (WCST), the Iowa Gambling Test (IGT) and the Hazard Perception Test from the SWOV Institute for Road Safety Research.

Onderzoeksproduct en/of interventie

not applicable

Contactpersonen

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

- Patients should have suffered an ischemic stroke in the cerebellum in the past three years. A discrete cerebellar lesion must be confirmed by magnetic resonance imaging (MRI) or computed tomography (CT)
- Age 18-80 years
- Dutch speaking

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

- Inability to understand instructions
- Inability to understand informed consent
- Other neurologic or psychiatric disease or disorder that may interfere with the study objectives

Onderzoeksopzet

Opzet

Type: Observationeel onderzoek, zonder invasieve metingen
Onderzoeksmodel: Anders
Controle: N.v.t. / onbekend

Deelname

Nederland
Status: Anders
(Verwachte) startdatum: 18-06-2018
Aantal proefpersonen: 15
Type: Onbekend

Ethische beoordeling

Positief advies
Datum: 15-06-2018
Soort: Eerste indiening

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

NTR-new

NTR-old

Ander register

ID

NL7078

NTR7276

: METc 2018/052

Resultaten

Samenvatting resultaten

not applicable