

# Executive functions and physical (in)activity in prison

Gepubliceerd: 15-09-2015 Laatste bijgewerkt: 18-08-2022

Prisoners' executive functions decline after 3 months of imprisonment

|                             |                                                     |
|-----------------------------|-----------------------------------------------------|
| <b>Ethische beoordeling</b> | Niet van toepassing                                 |
| <b>Status</b>               | Werving gestart                                     |
| <b>Type aandoening</b>      | -                                                   |
| <b>Onderzoekstype</b>       | Observationeel onderzoek, zonder invasieve metingen |

## Samenvatting

### ID

NL-OMON28316

### Bron

NTR

### Aandoening

Executive Functioning, Imprisonment, Impoverished Environment, Physical Inactivity

### Ondersteuning

**Primaire sponsor:** Vrije Universiteit Amsterdam

**Overige ondersteuning:** Phoolan Devi, Penitentiare Instelling Amsterdam Over-Amstel, Arnold Oosterbaan Hersenstichting

### Onderzoeksproduct en/of interventie

### Uitkomstmaten

#### Primaire uitkomstmaten

Executive functions. The following subtests of the CANTAB will be used:<br>

Stockings of Cambridge<br>

Spatial Working Memory<br>

Stop Signal Task<br>

Intra-Extra Dimensional Set-Shift<br>

Choice Reaction Time<br>

Physical Activity. The Actical Z (Philips Respironics) will be used to assess activity levels of the prisoners. A suitable method of data analysis will be chosen at a later time, as new (improved) validated regression models are occasionally published (e.g. Crouter et al., 2008 & 2011).

## Toelichting onderzoek

### Doel van het onderzoek

Prisoners' executive functions decline after 3 months of imprisonment

### Onderzoeksopzet

The first assessment is aimed to take place within 7 days of imprisonment, with a maximum of 10 days. The second assessment takes places approximately 3 months after the first assessment.

### Onderzoeksproduct en/of interventie

This is an observational study, in which the influence of the (impoversished) prison environment on executive functions is observed.

## Contactpersonen

### Publiek

VU University - Faculty of Behavioural and Movement Sciences - Room 1F66

Jesse Meijers  
Van der Boechorststraat 1

Amsterdam 1081 BT  
The Netherlands  
T: +31205982715

### Wetenschappelijk

VU University - Faculty of Behavioural and Movement Sciences - Room 1F66

Jesse Meijers  
Van der Boechorststraat 1

Amsterdam 1081 BT  
The Netherlands  
T: +31205982715

## Deelname eisen

### Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

- Imprisoned for 10 days or less
- Sufficient understanding of the goal of the study and conditions concerning participation
- Sufficient understanding of the tests
- Written consent
- Dutch speaking and understanding or
- English speaking and understanding

### Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

- Visual impairment to such a degree that tests cannot be seen properly
- Motor impairment to such a degree that tests cannot be executed properly
- Active psychosis
- Insufficient understanding of the goal of the study and conditions concerning participation
- Those who are unable or unwilling to perform the neuropsychological tests for any reason

## Onderzoekopzet

## 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 gestart      |
| (Verwachte) startdatum: | 01-10-2012           |
| Aantal proefpersonen:   | 159                  |
| Type:                   | Verwachte startdatum |

## 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  | NL5335  |
| NTR-old  | NTR5443 |

**Register**

Ander register

**ID**

: 2014.102 METc VUmc

## Resultaten