

# Prevalence of vitamin D deficiency in adults with intellectual disability and risk factors.

Published: 05-12-2012

Last updated: 26-04-2024

Determination of prevalence of vitamin D deficiency in intellectually disabled people from 19 to 50 years old. Determine if specific risk factors in this population are associated with vitamin D deficiency. Check if the advice of the Dutch Health...

<b>Ethical review</b>	Approved WMO
<b>Status</b>	Pending
<b>Health condition type</b>	Vitamin related disorders
<b>Study type</b>	Observational invasive

## Summary

### ID

NL-OMON37389

### Source

ToetsingOnline

### Brief title

Prevalence of vitamin D deficiency in intellectual disability

### Condition

- Vitamin related disorders

### Synonym

lack of vitamin D, vitamin D deficiency

### Research involving

Human

### Sponsors and support

**Primary sponsor:** Erasmus MC, Universitair Medisch Centrum Rotterdam

**Source(s) of monetary or material Support:** Instellingen betalen zelf

## Intervention

**Keyword:** Intellectual disability, Prevalence, Risk factors, Vitamin D deficiency

## Outcome measures

### Primary outcome

Vitamin D status of participants.

Relation between vitamin D deficiency and level of mobility, Down syndrome, degree of disability, use of anti-psychotic drugs, use of anti-epileptic drugs, estimation of sun exposure by caretaker.

### Secondary outcome

Examination of the Dutch Health Council advice.

## Study description

### Background summary

There's a presumed high prevalence of vitamin D deficiency in people with intellectual disability. For the Netherlands data are unknown.

### Study objective

Determination of prevalence of vitamin D deficiency in intellectually disabled people from 19 to 50 years old.

Determine if specific risk factors in this population are associated with vitamin D deficiency.

Check if the advice of the Dutch Health Council for vitamin D supplementation is adequate for our population.

### Study design

Cross-sectional observational analytical study

### Study burden and risks

Burden exists of only one time venepuncture for a small amount of participants.

Venepuncture is a small burden and has negligible risks.

## Contacts

### **Public**

Erasmus MC, Universitair Medisch Centrum Rotterdam

Burg. s'Jacobplein 51  
Rotterdam 3015 CA  
NL

### **Scientific**

Erasmus MC, Universitair Medisch Centrum Rotterdam

Burg. s'Jacobplein 51  
Rotterdam 3015 CA  
NL

## Trial sites

### Listed location countries

Netherlands

## Eligibility criteria

### **Age**

Adults (18-64 years)

Elderly (65 years and older)

### Inclusion criteria

Adults, age: 19-50 years, intellectually disabled, housing through one of four participating organisations.

### Exclusion criteria

Vitamin D suppletion because of diagnosed vitamin D deficiency before 01-01-2011

## Study design

### Design

**Study type:** Observational invasive

Masking: Open (masking not used)

Control: Uncontrolled

Primary purpose: Diagnostic

### Recruitment

NL

Recruitment status: Pending

Start date (anticipated): 01-08-2012

Enrollment: 600

Type: Anticipated

## Ethics review

Approved WMO

Date: 05-12-2012

Application type: First submission

Review commission: METC Erasmus MC, Universitair Medisch Centrum Rotterdam (Rotterdam)

## Study registrations

### Followed up by the following (possibly more current) registration

No registrations found.

### Other (possibly less up-to-date) registrations in this register

No registrations found.

**In other registers**

Register	ID
CCMO	NL39364.078.12