

# Relationship between self-reported disability, performance based disability and psychological factors in patients with complaints of whiplash.

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To investigate the relationship between self-reported disability, performance based disability and psychological factors in patients with complaints of whiplash.

<b>Ethical review</b>	Approved WMO
<b>Status</b>	Recruitment stopped
<b>Health condition type</b>	Other condition
<b>Study type</b>	Observational non invasive

## Summary

### ID

NL-OMON34427

### Source

ToetsingOnline

### Brief title

W.I.D.D.

### Condition

- Other condition
- Muscle disorders

### Synonym

WAD, whiplash

### Health condition

chronische pijnklachten (whiplash associated disorder)

### Research involving

Human

## Sponsors and support

**Primary sponsor:** Condite

**Source(s) of monetary or material Support:** Subsidie Stichting Achmea gezondheidszorg (SAG) en vanuit de organisatie zelf

## Intervention

**Keyword:** disability, functional capacity evaluation, psychological, whiplash

## Outcome measures

### Primary outcome

The \*Neck Disability Index\* (self-reported disability) and the Neck specific version of the Functional Capacity Evaluation for neck complaints (performance based disability).

### Secondary outcome

The triaxial accelerometer to measure the actual performance, the TAMPA to measure fear of movement, the 4DSQ to measure depression, anxiety and distress, the Utrechtse Coping List to measure coping styles, the CIS20R to measure fatigue, the Pain Self Efficacy Questionnaire to measure self efficacy, the VAS to measure the level of pain. The demographic information consist of gender, age, height, weight, marital status, duration of complaints, present medication, education level, working status and claim status.

## Study description

### Background summary

Sick leave in patients with chronic whiplash associated disorders (WAD) is an important problem for society. 15-30% Of the patients continue to experience

serious symptoms after the first six months. Pain related disability is a complex multidimensional construct, influenced by biological, psychological and social factors. Valid measurement of disability is challenging. Self-reported disability and performance-based disability are assumed to be related but distinct. However, this has not been tested in patients with WAD.

### **Study objective**

To investigate the relationship between self-reported disability, performance-based disability and psychological factors in patients with complaints of whiplash.

### **Study design**

Cross-sectional observational study

### **Study burden and risks**

The risk of the study is negligible. All tests are considered safe for the patients and with a low burden.

## **Contacts**

### **Public**

Condite

Colosseum 40  
7521 PT Enschede  
NL

### **Scientific**

Condite

Colosseum 40  
7521 PT Enschede  
NL

## **Trial sites**

## Listed location countries

Netherlands

## Eligibility criteria

### Age

Adults (18-64 years)

Elderly (65 years and older)

### Inclusion criteria

A diagnosis of WAD I-II by a physician

Complaints six months or longer

Age between 18 and 65 years

Patients are with sick leave

### Exclusion criteria

Co-morbidity with severe negative consequences for physical functioning

A diagnosis of psychiatric illness

Insufficient knowledge of the Dutch language

Severe neck problems before the trauma like arthrosis or hernias.

## Study design

### Design

**Study type:** Observational non invasive

Masking: Open (masking not used)

Control: Uncontrolled

Primary purpose: Treatment

### Recruitment

NL

Recruitment status: Recruitment stopped

Start date (anticipated): 01-12-2010

Enrollment:	50
Type:	Actual

## Ethics review

Approved WMO	
Date:	22-10-2010
Application type:	First submission
Review commission:	METC Twente (Enschede)

## 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	NL33508.044.10