

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

No registrations found.

Ethical review	Not applicable
Status	Pending
Health condition type	-
Study type	Observational non invasive

Summary

ID

NL-OMON23925

Source

Nationaal Trial Register

Brief title

W.I.D.D.

Health condition

whiplash, disability, functional capacity evaluation, psychological

Sponsors and support

Primary sponsor: Condite, Advies bij ziekteverzuim

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Source(s) of monetary or material Support: Submitted at Stichting Achmea Gezondheidszorg (SAG)

Intervention

Outcome measures

Primary outcome

1. The “Neck Disability Index” (self-reported disability);
2. The Neck specific version of the Functional Capacity Evaluation for neck complaints (performance based disability).

Secondary outcome

1. The triaxial accelerometer to measure the actual performance;
2. The TAMPA to measure fear of movement;
3. The 4DSQ to measure depression, anxiety and distress;
4. The UCL to measure coping styles;
5. The CIS20R to measure fatigue;
6. The Pain Self Efficacy Questionnaire to measure self efficacy;
7. The RAND to measure quality of life;
8. The VAS to measure the level of pain;
9. 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

Rationale:

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, influence by biological, psychological and social factors. Valid measurement of disability is challenging. Self reported disability and performance based disability are assumed to be related which

each other but distinct. However, this has not been tested in patients with WAD.

Objective:

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

Study design:

Cross-sectional observational study.

Study population:

Fifty patients with complaints of chronic whiplash (WAD I-II).

Main study parameters/endpoints:

The “Neck Disability Index” (self-reported disability) and the Neck Specific version of the Functional Capacity Evaluation for neck complaints (performance based disability).

Nature and extent of the burden and risks associated with participation, benefit and group relatedness:

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

Study objective

In patients with WAD the strength of the relationship between self reported disability and work capacity is weak to moderate (correlation coefficient between $r=0.25$ and $r=0.75$). Work capacity and performance can be predicted with the help of psychosocial, psychological and demographic factors.

Study design

All patients undergo the measurements one time.

Intervention

N/A

Contacts

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Eligibility criteria

Inclusion criteria

1. A WAD I-II diagnosis by a doctor;
2. Complaints six months or longer;
3. Age between 18 and 65 years;
4. Patients are with sick leave.

Exclusion criteria

1. Co-morbidity with severe negative consequences for functioning;
2. A diagnosis of psychiatric illness;
3. Insufficient knowledge of the Dutch language;

4. Severe neck problems before the trauma like arthrosis or hernias.

Study design

Design

Study type:	Observational non invasive
Intervention model:	Parallel
Allocation:	Non controlled trial
Masking:	Open (masking not used)
Control:	N/A , unknown

Recruitment

NL	
Recruitment status:	Pending
Start date (anticipated):	01-10-2010
Enrollment:	50
Type:	Anticipated

Ethics review

Not applicable	
Application type:	Not applicable

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
NTR-new	NL2404
NTR-old	NTR2512
Other	METC Medisch Spectrum Twente : P10-33
ISRCTN	ISRCTN wordt niet meer aangevraagd.

Study results

Summary results

N/A