

# The effect of treatment of craniomandibular dysfunctions(CMD) in patients with long term neck complains; A single blind randomized, controlled multicentral trial.

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Recording if treatment of the craniomandibular region influences the sample of patients with long term neck complaints.

<b>Ethical review</b>	Approved WMO
<b>Status</b>	Pending
<b>Health condition type</b>	Other condition
<b>Study type</b>	Interventional

## Summary

### ID

NL-OMON30728

### Source

ToetsingOnline

### Brief title

Treatment of CMD in long term neck complains

### Condition

- Other condition
- Muscle disorders

### Synonym

craniomandibular dysfuncton - jaw pain

### Health condition

neurofysiologische funktiestoornissen

## Research involving

Human

## Sponsors and support

**Primary sponsor:** CRAFTA

**Source(s) of monetary or material Support:** Craniofacial Therapy Academy.  
Onafhankelijke onderwijs-researchorganisatie.

## Intervention

**Keyword:** Craniomandibular dysfunction, manual therapy, neckpain, randomized clinical trial

## Outcome measures

### Primary outcome

Changes in pain intensity and activity level.

### Secondary outcome

Changed active mobility (physiological neck movements) and Cervicocephalic  
kinesthetic Sensibility (CKS) of the craniocervical region.

## Study description

### Background summary

Manual therapy may have a bad outcome in one experimental group of patients with long term neck problems. Craniomandibular dysfunction may maintain these complaints. In this study craniomandibular region as additional treatment is compared with continuing of manual therapy.

### Study objective

Recording if treatment of the craniomandibular region influences the sample of patients with long term neck complaints.

### Study design

Randomized clinical Trial (RCT), single-blind controlled.

## Intervention

Group a will be treated with manual therapy and exercises of the craniomandibular region. Group b continues with manual treatment of the craniocervical region.

## Study burden and risks

The measures are not painful test which includes 2 questionnaires, measure of the mouth opening, joint clicking, measurement of the trigger points of the chewing muscles, physiological movements of the neck and Cervicocephalic kinesthetic Sensibility (CKS)

Risks: Increasing of symptoms by stopping the craniocervical region of by treating the craniomandibular region. A plan which to follow is suggested (see protocol)

## Contacts

### Public

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### Scientific

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## Trial sites

### Listed location countries

Netherlands

## Eligibility criteria

### Age

Adults (18-64 years)  
Elderly (65 years and older)

## Inclusion criteria

Age between 18-65  
Complains in the neck region  
The Neck Disability Index(dutch version) score less then > 15(moderate)  
No treatment or assement from the craniomandibular region up till now.

## Exclusion criteria

No cervicobrachial compliants  
No orthodontic treatment of surgery for the last 3 years  
No neuropathic pain for the last 3 years

## Study design

### Design

Study phase:	2
Study type:	Interventional
Masking:	Single blinded (masking used)
Control:	Uncontrolled
Primary purpose:	Treatment

### Recruitment

NL	
Recruitment status:	Pending
Start date (anticipated):	07-01-2007
Enrollment:	34
Type:	Anticipated

## Ethics review

Approved WMO

Date:	05-06-2007
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	NL13711.080.06