

# can the symptoms of a tmd be positively influenced by an osteopathic treatment.

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<b>Ethical review</b>	-
<b>Status</b>	Will not start
<b>Health condition type</b>	Other condition
<b>Study type</b>	Observational invasive

## Summary

### ID

NL-OMON32205

### Source

ToetsingOnline

### Brief title

the value of osteopathy for tmd.

### Condition

- Other condition
- Joint disorders
- Headaches

### Synonym

tempero-mandibular joint problems

### Health condition

osteopathie is een complementaire geneeskunde waar de gehele mens centraal staat. In de osteopathie wordt uitgegaan van zogenaamde functionele stoornissen.

### Research involving

Human

## Sponsors and support

**Primary sponsor:** praktijk voor osteopathie

**Source(s) of monetary or material Support:** onderzoek wordt niet gefinancierd

## Intervention

**Keyword:** osteopathy, temporo-mandibular joint, TMD

## Outcome measures

### Primary outcome

General evaluation

Questionnaire of the most predominant symptoms

V.A.S.score

### Secondary outcome

not of application.

## Study description

### Background summary

In literature the term craniomandibular dysfunction has not been decisively defined. This results in that diagnosis CMD/tmg-dysfunctie is used for patients with very divergent symptoms. The symptom profile of the patients varies in accordance with the conception of the research worker on the basis of the traditional symptoms such as jaw joint sounds, pain and movement restriction. These seem the most clear problems to put on. They arise by overlapping of the symptoms, causes by other syndromes, as well as by influences from other regions.

### Study objective

As a result of the many symptoms which can appear at these patient groups several diagnoses have been put. Because many occupational groups occupy themselves such as dentists, dental surgeons, chiropractors, osteopaths and physiotherapists, there are also many treatment concepts without clear directives. Until now there has not yet been a confession which treatment method is most effective. For this reason I plan a study into the

possible value of osteopatische a treatment at this complex problem.

## **Study design**

method of research: a randomised controlled clinical study.

the goal of the research is to include 80 patients.

the criteria for inclusion the presence of a tmd which should be diagnosed by a dentist using the helkimo-index. To be sure that all questions are understood the group of patients has to have a good understanding of the Dutch language.

Criteria for exclusion: the dentist and possibly the dokter will decide if there are medical grounds to exclude a patient for this research. For example a high fever, an infection illness, an accident trauma etc.

The selected group of patients are asked if they are willing to take part in the research. The selected group of patients are also asked not to take part in another paramedic treatment or alternative treatment for these symptoms while this research is ongoing. After the group of people have met the inclusion and exclusion criteria the treatment for each patients will be randomly chosen. Randomising takes place by drawing not transparent, closed envelopes containing the treatments to be applied which are osteopathic treatment, placebo treatment or control group. To insure the objectivity of the research the referring dentist do not know the group in which the patients are placed.

the follow-up period is approximately six months. During this period there are four checkpoints, measuring with the following parameters: general evaluation, questionnaire of the most predominant symptoms and the V.A.S. score. general evaluation: the patients are asked to evaluate the change in their complaints.

questionnaire of the most predominant symptoms of a tmd.

V.A.S. score: the vas score is a measuring instrument that is very trustworthy and very sensitive to small changes.

Checkpoints: the checkpoints are at the start of the research, after six weeks, after 12 weeks and after six months. These take place at the referring dentists practice.

Treatment: The osteopathic treatment, performed by a trained osteopath, takes place based on the black box method.

This means that the health professional treats the patient according to his own insight in agreement with the norms of the professional body to which he belongs.

the placebo treatment which is carried out by a physiotherapist consists of active movements.

The control group receives no treatment.

## **Study burden and risks**

The behandelingen are frequently applied and are not taxable for the patient.

By means of exclusie so called contra indications for the treatment are already excluded.

The patient at all times are possible and without statement of reason cancelling

The duration is approximately 4 treatment of 1/2 up to 1 hours and filling in the questionnaires

## 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

the presence of a tmd which should be diagnosed by a dentist using the helkimo-index.  
a good understanding of the Dutch language

men and women between 18 years and older

## Exclusion criteria

the dentist and possibly the dokter will decide if there are medical grounds to exclude a patient from this research. For example a high fever, an infection illness.

## Study design

### Design

Study type:	Observational invasive
Intervention model:	Other
Allocation:	Randomized controlled trial
Masking:	Open (masking not used)
Control:	Placebo
Primary purpose:	Treatment

### Recruitment

NL	
Recruitment status:	Will not start
Start date (anticipated):	01-03-2008
Enrollment:	80
Type:	Anticipated

## Ethics review

Not available

## 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	NL21690.072.08