A Randomised Clinical Trial to evaluate the effects of a new treatment of chronic neckshoulder pain in Work-related MusculoSkeletal Disorder (WMSD) patients - Ambulant Myofeedback training

Submission date	Recruitment status	Prospectively registered
27/01/2006	No longer recruiting	☐ Protocol
Registration date	Overall study status	Statistical analysis plan
27/01/2006	Completed	Results
Last Edited	Condition category	Individual participant data
17/08/2009	Injury, Occupational Diseases, Poisoning	Record updated in last year

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

Dr Gerlienke Voerman

Contact details

Roessinghsbleekweg 33b Enschede Netherlands 7752 AH +31 (0)53 4875728 g.voerman@rrd.nl

Additional identifiers

Protocol serial number NTR493; 001

Study information

Scientific Title

Acronym

NTR493; RCT Mfb

Study objectives

It is hypothesised that 4 weeks of ambulant myofeedback training is more effective in reducing pain intensity, disability, and normalising muscle activation patterns compared to traditional treatment of WMSD in the neck-shoulder region e.g. ergonomic counseling.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Received from local medical ethics committee

Study design

Multicentre randomised open label active controlled parallel group trial

Primary study design

Interventional

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Work-related Musculoskeletal Disorders (WMSDs), Complaints of Arm, Neck and Shoulders (CANS)

Interventions

The intervention is 4 weeks ambulant myofeedback training. Control group receives traditional ergonomic counselling.

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

Pain intensity and disability

Key secondary outcome(s))

- 1. Health-related quality of life
- 2. Muscle activation patterns
- 3. Psychosocial characteristics

Completion date

01/10/2004

Eligibility

Key inclusion criteria

- 1. Elderly female subjects
- 2. Above the age of 35 years
- 3. Performing predominantly computer work
- 4. Reporting complaints in the neck and/or shoulder region for at least 30 days during the last year including the last 7 days
- 5. Subjectively relating complaints to (computer) work

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Sex

Female

Key exclusion criteria

- 1. Severe cervical arthrosis
- 2. Other disorders in neck-shoulder region not related to WMSD
- 3. More than three body areas in which pain is reported
- 4. Colour blindness
- 5. Latex allergy
- 6. Use of muscle relaxants

Date of first enrolment

01/04/2003

Date of final enrolment

01/10/2004

Locations

Countries of recruitment

Netherlands

Study participating centre Roessinghsbleekweg 33b

Enschede Netherlands 7752 AH

Sponsor information

Organisation

Roessingh Research and Development b.v. (The Netherlands)

ROR

https://ror.org/01dmjt679

Funder(s)

Funder type

Charity

Funder Name

St. Hubert Foundation (Stichting St. Hubertus)

Funder Name

European New Project

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration