

# Participatory ergonomics for the primary prevention of back and neck pain: a cost-effectiveness study

<b>Submission date</b> 07/03/2007	<b>Recruitment status</b> No longer recruiting	<input checked="" type="checkbox"/> Prospectively registered
<b>Registration date</b> 07/03/2007	<b>Overall study status</b> Completed	<input type="checkbox"/> Protocol
<b>Last Edited</b> 03/01/2012	<b>Condition category</b> Musculoskeletal Diseases	<input type="checkbox"/> Statistical analysis plan
		<input checked="" type="checkbox"/> Results
		<input type="checkbox"/> Individual participant data

**Plain English summary of protocol**  
Not provided at time of registration

## Contact information

**Type(s)**  
Scientific

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## Additional identifiers

**EudraCT/CTIS number**

**IRAS number**

**ClinicalTrials.gov number**

**Secondary identifying numbers**  
N/A

# Study information

## Scientific Title

## Study objectives

Is the participatory ergonomics program for workers without back or neck pain in the previous year, effective in the prevention of back and/or neck pain.

## Ethics approval required

Old ethics approval format

## Ethics approval(s)

Approval received from the Medical Ethical Committee of the VU Medical Centre on the 1st January 2007.

## Study design

Randomised placebo controlled parallel group multicentre trial

## Primary study design

Interventional

## Secondary study design

Randomised controlled trial

## Study setting(s)

Not specified

## Study type(s)

Treatment

## Participant information sheet

## Health condition(s) or problem(s) studied

Back and neck pain

## Interventions

The intervention is a participative ergonomic program. The participative ergonomics approach is based on the active participation and strong commitment of the employer and employee in the process to identify (potential) risk factors in the workplace and to choose the most appropriate solutions for these risks. The program consists of six steps including a workplace observation, interviews and two meetings of one and five hours with (representatives of) workers and management from a department.

## Intervention Type

Other

## Phase

Not Specified

**Primary outcome measure**

The primary outcome measure is the incidence of back and/or neck pain in the year of follow-up, assessed by means of a postal questionnaire. In the baseline and follow-up questionnaires, data on the incidence of back and neck pain will be collected using an adapted version of the Nordic Questionnaire. Cases of back and/or neck pain will be defined as those workers who reported regular or prolonged back pain and/or neck pain in the previous 12 months.

**Secondary outcome measures**

Secondary outcome measures are:

1. Functional status
2. Pain intensity and sickness absence
3. Use of ergonomic measures

Data on sickness absence will be collected on the basis of company and occupational health services registers. With respect to the economic evaluation data related to direct and indirect costs (costs in paid and unpaid labor as a consequence of sick leave or disability) and quality of life will be collected

**Overall study start date**

01/10/2007

**Completion date**

01/10/2008

**Eligibility****Key inclusion criteria**

1. Working more than 20 hours a week
2. More than one year employed

**Participant type(s)**

Patient

**Age group**

Adult

**Sex**

Both

**Target number of participants**

3668

**Key exclusion criteria**

Workers with back and or neck pain in the three months prior to the intervention will be excluded.

**Date of first enrolment**

01/10/2007

**Date of final enrolment**

01/10/2008

## Locations

### Countries of recruitment

Netherlands

### Study participating centre

**EMGO-instituut**

Amsterdam

Netherlands

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## Sponsor information

### Organisation

VU University Medical Centre (The Netherlands)

### Sponsor details

EMGO-Institute

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### Sponsor type

Hospital/treatment centre

### Website

<http://www.vumc.nl/english/>

### ROR

<https://ror.org/00q6h8f30>

## Funder(s)

### Funder type

Research organisation

### Funder Name

## Results and Publications

### Publication and dissemination plan

Not provided at time of registration

### Intention to publish date

### Individual participant data (IPD) sharing plan

### IPD sharing plan summary

Not provided at time of registration

### Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
<a href="#">Results article</a>	results	24/08/2010		Yes	No
<a href="#">Results article</a>	results	01/09/2011		Yes	No
<a href="#">Results article</a>	results	01/09/2011		Yes	No