

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

Submission date 07/03/2007	Recruitment status No longer recruiting	☒ Prospectively registered
Registration date 07/03/2007	Overall study status Completed	☐ Protocol
Last Edited 03/01/2012	Condition category Musculoskeletal Diseases	☐ Statistical analysis plan
		☒ Results
		☐ 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

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.

Primary study design

Interventional

Study design

Randomised placebo controlled parallel group multicentre trial

Study type(s)

Treatment

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(s)

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.

Key secondary outcome(s)

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

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

Healthy volunteers allowed

No

Age group

Adult

Sex

All

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

1081 BT

Sponsor information

Organisation

VU University Medical Centre (The Netherlands)

ROR

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

Funder(s)

Funder type

Research organisation

Funder Name

The Netherlands Organisation for Health Research and Development (ZonMw) (Netherlands)

Results and Publications

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?
Results article	results	24/08/2010		Yes	No
Results article	results	01/09/2011		Yes	No
Results article	results	01/09/2011		Yes	No