

Cost effectiveness of an occupational physical therapy programme on primary and secondary prevention of low back pain: economic evaluation alongside a cluster randomised controlled trial

Submission date

02/11/2005

Recruitment status

No longer recruiting

☐ Prospectively registered

☐ Protocol

Registration date

02/11/2005

Overall study status

Completed

☐ Statistical analysis plan

☒ Results

Last Edited

29/10/2008

Condition category

Musculoskeletal Diseases

☐ Individual participant data

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

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Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers

NTR395

Study information

Scientific Title

Study objectives

What is the cost-effectiveness of a back training programme consisting of a combination of three parts: counselling and training to prevent back complaints, analysis and ergonomic adaptation of the work station, and quick intervention in the origin of (absenteeism due to) back complaints?

Ethics approval required

Old ethics approval format

Ethics approval(s)

Received from a local medical ethics committee

Study design

Economic evaluation alongside a cluster randomised controlled trial

Primary study design

Interventional

Secondary study design

Randomised controlled trial

Study setting(s)

Not specified

Study type(s)

Prevention

Participant information sheet

Health condition(s) or problem(s) studied

Low back pain (LBP)

Interventions

The physical therapy programme consists of an integrated approach of a primary prevention programme, including counselling and ergonomic training of working techniques/skills tailored for each company's specific work-site aimed at preventing back complaints, and a secondary prevention programme that consisted of a quick intervention with easy accessible in-company physical therapy in the origin of (absenteeism due to) back complaints.

Usual care is provided by the general practitioner or occupational physician according to Dutch health care guidelines.

Intervention Type

Other

Phase

Not Specified

Primary outcome measure

The primary outcome measure is the occurrence and duration of LBP and subsequent sickness absence.

Secondary outcome measures

Secondary outcome measures are pain intensity, functional disability due to low back pain complaints, general health and quality of life. The economic evaluation is conducted from a societal perspective and includes both direct and indirect costs due to LBP.

Overall study start date

15/01/2001

Completion date

15/08/2005

Eligibility**Key inclusion criteria**

The study population is recruited from companies throughout the Netherlands. Companies who want to take up the programme from the occupational health consultancy that executes the intervention under study within a year are asked to participate in the study.

Inclusion criteria for companies are:

1. Willingness to participate in the study
2. The possibility of forming a control group within the same company with workers with approximately the same physically demanding jobs and high prevalence of musculoskeletal complaints
3. Willingness to concur with randomisation of the intervention and study protocol.

Inclusion criteria for workers:

All workers in the work units of these companies who are working at least 3 days per week, are willing to comply with the research protocol and follow-up measurements are asked to participate in the study.

Participant type(s)

Patient

Age group

Adult

Sex

Both

Target number of participants

500

Key exclusion criteria

Does not comply with the above inclusion criteria

Date of first enrolment

15/01/2001

Date of final enrolment

15/08/2005

Locations**Countries of recruitment**

Netherlands

Study participating centre

Erasmus Medical Center Rotterdam

Rotterdam

Netherlands

3000 DR

Sponsor information**Organisation**

Erasmus Medical Center Rotterdam (The Netherlands)

Sponsor details

P.O. Box 1738

Rotterdam

Netherlands

3000 DR

Sponsor type

Research organisation

ROR

<https://ror.org/018906e22>

Funder(s)

Funder type

Research organisation

Funder Name

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

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?
Results article	results	01/04/2007		Yes	No