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Efficacy of conventional physiotherapy and manipulative physiotherapy in the treatment of low back pain. A randomised controlled trial

Submission date 10/10/2002	**Recruitment status** No longer recruiting	[ ] Prospectively registered [ ] Protocol [ ] Statistical analysis plan [ ] Results [ ] Individual participant data [ ] Record updated in last year
Registration date 10/10/2002	**Overall study status** Completed	
Last Edited 01/07/2009	**Condition category** Musculoskeletal Diseases	

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
711003

Study information

Scientific Title

Study objectives
The objective of this trial was to compare the relative effectiveness of two common forms of physiotherapy:
1. Conventional Physiotherapy (CPT): consists of the use of electrical current, heat, cold, exercise and massage, and
2. Manipulative Physiotherapy (MPT): primarily consists of passive joint mobilisation and manipulative techniques,
in the short and long term.

Ethics approval required
Old ethics approval format

Ethics approval(s)
Not provided at time of registration

Study design
Randomised controlled trial

Primary study design
Interventional

Secondary study design
Randomised controlled trial

Study setting(s)
Hospital

Study type(s)
Treatment

Participant information sheet

Health condition(s) or problem(s) studied
Low back pain

Interventions
Subjects will be randomised into either the CPT or MPT groups:
1. CPT includes modalities such as heat and cold therapy, nerve stimulation, active exercises, hydrotherapy, etc.
2. MPT includes manual techniques such as passive mobilization and manipulative high velocity thrusts.

Patients in both groups also received lumbar traction.

Intervention Type

Other

Phase
Not Specified

Primary outcome measure
The main outcome measures were disability, health and pain. These parameters were assessed by the:
1. Aberdeen Low Back Pain Disability Scale
2. Current Perceived Health 42 (CPH42) Profile
3. Numerical Pain Scale (NRS). The NRS measures pain intensity from no pain to intolerable pain along an 11-point scale.

The research assistants, who were blind to the treatment routine administered the questionnaires at baseline, then at 3, 6, and 12 weeks (short term) followed by 6, 9, 12 months (long term) after physiotherapy commenced.

Secondary outcome measures
Not provided at time of registration

Overall study start date
01/01/2000

Completion date
01/09/2002

Eligibility

Key inclusion criteria
1. Patients are medically referred
2. Patients presented no contraindication to Conventional physiotherapy (CPT) and Manipulative (MPT) physiotherapy
3. Aged 18 to 65 years
4. Low back pain (LBP) not treated by physiotherapist in the previous month
5. Duration of LBP at least 2 weeks before attending physiotherapy
6. Patient's consent to participate in the randomised controlled trial
7. Patient's agreement to be followed up to 12 months post-commencement of treatment

Participant type(s)
Patient

Age group
Adult

Lower age limit
18 Years

Sex
Both

Target number of participants
440

Key exclusion criteria
Does not meet inclusion criteria

Date of first enrolment
01/01/2000

Date of final enrolment
01/09/2002

Locations

Countries of recruitment
Hong Kong

Study participating centre
Department of Rehabilitation Sciences
-
Hong Kong
-

Sponsor information

Organisation
Hong Kong Health Services Research Fund (Hong Kong)

Sponsor details
Health Welfare and Food Bureau
Government Secretariat, HKSAR
20th floor Murray Building
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Sponsor type
Government

Website
http://www.fhb.gov.hk/grants/english/funds/funds_hhsrf/funds_hhsrf_abt/funds_hhsrf_abt.html

ROR
https://ror.org/03qh32912

Funder(s)

Funder type
Government

Funder Name
Hong Kong Health Services Research Fund (Hong Kong)

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