

Is hydrotherapy cost effective? The costs and outcome measures of hydrotherapy programmes compared with physiotherapy and techniques in children with rheumatoid conditions

Submission date

25/04/2003

Recruitment status

No longer recruiting

☐ Prospectively registered

☐ Protocol

Registration date

25/04/2003

Overall study status

Completed

☐ Statistical analysis plan

☒ Results

Last Edited

27/10/2010

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

Protocol serial number

HTA 96/32/08

Study information

Scientific Title

Study objectives

The primary objective of the project is to assess the effects of hydrotherapy and land physiotherapy versus land physiotherapy alone on the quality of life and outcome disease for children with rheumatic disorders. The secondary objective is to analyse the cost effectiveness of the use of hydrotherapy as a treatment modality. A multicentre randomised, blinded study will be performed on 200 patients with rheumatic disease for at least 3 months. 200 patients (age 5-19) will be enrolled from rheumatology clinics.

In each group 100 subjects will receive standardised land physiotherapy treatment and 100 subjects will receive additional hydrotherapy. Internationally agreed outcome measures, as well as muscle strength and physical fitness will be recorded prior to the treatment period and at 2 and 6 months follow up clinic visits. A cost utility analysis will be undertaken and quality of life measures analysed relating cost to benefit of intervention.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Not provided at time of registration.

Study design

Multicentre blind randomised controlled trial

Primary study design

Interventional

Study type(s)

Not Specified

Health condition(s) or problem(s) studied

Musculoskeletal diseases: Arthritis (rheumatoid)

Interventions

1. Hydrotherapy and land physiotherapy
2. Land physiotherapy only

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

Quality of life and disease outcome

Key secondary outcome(s))

Not provided at time of registration.

Completion date

31/12/2001

Eligibility

Key inclusion criteria

Children with rheumatic disorders

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Child

Sex

Not Specified

Key exclusion criteria

Not provided at time of registration.

Date of first enrolment

01/09/1999

Date of final enrolment

31/12/2001

Locations

Countries of recruitment

United Kingdom

England

Study participating centre

Department of Physiotherapy

Surrey

United Kingdom

KT20 5RU

Sponsor information

Organisation

Department of Health (UK)

ROR

<https://ror.org/03sbpja79>

Funder(s)**Funder type**

Government

Funder Name

NIHR Health Technology Assessment Programme - HTA (UK)

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	01/10/2005		Yes	No