

# 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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**Contact details**

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## Additional identifiers

EudraCT/CTIS number

IRAS number

**ClinicalTrials.gov number**

**Secondary identifying numbers**

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

### **Secondary study design**

Randomised controlled trial

### **Study setting(s)**

Not specified

### **Study type(s)**

Not Specified

### **Participant information sheet**

### **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 measure**

Quality of life and disease outcome

**Secondary outcome measures**

Not provided at time of registration.

**Overall study start date**

01/09/1999

**Completion date**

31/12/2001

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

Children with rheumatic disorders

**Participant type(s)**

Patient

**Age group**

Child

**Sex**

Not Specified

**Target number of participants**

200

**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

England

United Kingdom

**Study participating centre**  
**Department of Physiotherapy**  
Surrey  
United Kingdom  
KT20 5RU

## Sponsor information

**Organisation**  
Department of Health (UK)

**Sponsor details**  
Quarry House  
Quarry Hill  
Leeds  
United Kingdom  
LS2 7UE  
+44 (0)1132 545 843  
Sheila.Greener@doh.gsi.gov.uk

**Sponsor type**  
Government

**Website**  
<http://www.dh.gov.uk/en/index.htm>

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

## Funder(s)

**Funder type**  
Government

**Funder Name**  
NIHR Health Technology Assessment Programme - HTA (UK)

# 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	01/10/2005		Yes	No