

Magnet therapy for the relief of pain and inflammation in rheumatoid arthritis: a randomised double blind placebo controlled trial

Submission date 19/09/2006	Recruitment status No longer recruiting	☒ Prospectively registered
		☒ Protocol
Registration date 31/10/2006	Overall study status Completed	☐ Statistical analysis plan
		☒ Results
Last Edited 27/09/2013	Condition category Musculoskeletal Diseases	☐ 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

Protocol serial number
N/A

Study information

Scientific Title

Acronym

CAMBRA (Copper And Magnetic Bracelets for Rheumatoid Arthritis)

Study objectives

The proposed trial will investigate the therapeutic effectiveness of commercially available magnet wrist straps and copper bracelets when used as an adjunct to practitioner led management of pain and inflammation in Rheumatoid Arthritis (RA). Possible effects on other major health outcomes will also be considered. This addresses a need for rigorous scientific evidence on the subject.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Not provided at time of registration

Study design

Randomised, double blind, placebo controlled, trial

Primary study design

Interventional

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Rheumatoid arthritis

Interventions

All participants will undergo four treatment phases each lasting for a period of five weeks in a randomised sequence. Participants will be asked to wear each of the four devices for a minimum of 12 hours per day.

Further details concerning the nature of control devices to be employed in this trial will not be released into the public domain until completion of the trial. This decision reflects the desire of the research team to maintain adequate blinding.

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

1. Pain
2. Inflammation (using acute phase reactants as proxy measures)

Key secondary outcome(s))

1. Physical function
2. Disease activity
3. General health
4. Quality of life

Completion date

01/02/2008

Eligibility

Key inclusion criteria

1. 18 years of age or over
2. Diagnosis of rheumatoid arthritis within medical records
3. Chronic pain: either persistent or intermittent over a minimum period of three months prior to recruitment
4. Current pain: greater than 30/100 mm on Visual Analogue Scale (VAS) within the last 24 hours despite medication

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Lower age limit

18 years

Sex

All

Key exclusion criteria

1. Pregnancy
2. Pacemaker or similar device
3. Not responsible for administering his/her own medication.
4. Dementia or memory impairment, either documented in medical records or if suspected indicated by a score of six or below on the Abbreviated Mental Test
5. Diagnosis of malignant disease within medical records

Date of first enrolment

01/02/2007

Date of final enrolment

01/02/2008

Locations

Countries of recruitment

United Kingdom

England

Study participating centre
Department of Health Sciences
York
United Kingdom
YO10 5DD

Sponsor information

Organisation
The University of York (UK)

ROR
<https://ror.org/04m01e293>

Funder(s)

Funder type
Government

Funder Name
The trial is funded via a personal Researcher Development Award granted to Stewart Richmond by the UK Department of Health.

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	16/09/2013		Yes	No
Protocol article	protocol	12/09/2008		Yes	No

