ISRCTN51459023 https://doi.org/10.1186/ISRCTN51459023

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

Registration date
31/10/2006

Overall study status
Completed

Last Edited
27/09/2013

Condition category
Musculoskeletal Diseases

[X] Prospectively registered

[X] Protocol

[_] Statistical analysis plan

[X] Results

[_] Individual participant data

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

Contact name
Mr Stewart Richmond

Contact details
Department of Health Sciences
The University of York
Heslington
York
United Kingdom
YO10 5DD
sjr503@york.ac.uk

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