

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

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| Submission date 19/09/2006 | Recruitment status No longer recruiting | <input checked="" type="checkbox"/> Prospectively registered |
| | | <input checked="" type="checkbox"/> Protocol |
| Registration date 31/10/2006 | Overall study status Completed | <input type="checkbox"/> Statistical analysis plan |
| | | <input checked="" type="checkbox"/> Results |
| Last Edited 27/09/2013 | Condition category Musculoskeletal Diseases | <input type="checkbox"/> 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

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

Secondary study design

Randomised controlled trial

Study setting(s)

Other

Study type(s)

Treatment

Participant information sheet

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 measure

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

Secondary outcome measures

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

Overall study start date

01/02/2007

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

Age group

Adult

Lower age limit

18 Years

Sex

Both

Target number of participants

Estimated 60

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**

England

United Kingdom

Study participating centre

Department of Health Sciences

York

United Kingdom

YO10 5DD

Sponsor information**Organisation**

The University of York (UK)

Sponsor details

Research Support Office

Heslington

York

England

United Kingdom

YO10 5DD

+44 (0)1904 434401

smf3@york.ac.uk

Sponsor type

University/education

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

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? |
|----------------------------------|----------|--------------|------------|----------------|-----------------|
| Protocol article | protocol | 12/09/2008 | | Yes | No |
| Results article | results | 16/09/2013 | | Yes | No |