

Acupuncture for treatment of knee osteoarthritis: immunological view

Submission date 09/03/2005	Recruitment status No longer recruiting	☐ Prospectively registered
		☐ Protocol
Registration date 07/11/2006	Overall study status Completed	☐ Statistical analysis plan
		☐ Results
Last Edited 23/09/2021	Condition category Musculoskeletal Diseases	☐ Individual participant data
		☐ Record updated in last year

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

21161

Study information

Scientific Title

Acupuncture for treatment of knee osteoarthritis: immunological view

Acronym

APOA-Eg

Study objectives

Effect of acupuncture on markers of knee OsteoArthritis (OA) in Egyptians.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Rheumatology and Physical Medicine Department, Faculty of medicine, Mansoura University (Egypt).

Primary study design

Interventional

Study design

Randomised three armed prospective study

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Knee osteoarthritis (OA)

Interventions

Two groups receive verum (real) acupuncture either with manual manipulation, or with electro-acupuncture, and the third sham (control) acupuncture.

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

Western Ontario and McMaster Universities Arthritis Index (WOMAC) scale

Key secondary outcome(s)

Immunological study for adhesion molecules such as intercellular adhesion molecule 1 (ICAM1) and cytokines such as interleukin-1beta (IL1B) and Tumor Necrosis Factor (TNF) alpha, before and after treatment.

Completion date

01/06/2007

Eligibility**Key inclusion criteria**

Patients are included if they:

1. Agreed to participate in the study by written, informed consent
2. Fulfilled the American College of Rheumatology criteria for knee OA

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Not Specified

Sex

Not Specified

Key exclusion criteria

1. Non-compliance
2. High serum uric acid

Date of first enrolment

01/06/2005

Date of final enrolment

01/06/2007

Locations**Countries of recruitment**

Egypt

Study participating centre

Mansoura University Hospitals

Mansoura

Egypt

11135

Sponsor information**Organisation**

Mansoura University Hospital (Egypt)

ROR

<https://ror.org/00c8rjz37>

Funder(s)

Funder type

Other

Funder Name

Investigator funded trial - no external funding was gained for this trial.

Results and Publications

Individual participant data (IPD) sharing plan**IPD sharing plan summary**

Not provided at time of registration