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Prognostic factors for cartilage degeneration in the knee after meniscectomy and cruciate ligament injuries. A prospective observational magnetic resonance imaging cohort study.

Submission date
21/07/2006

Registration date
21/07/2006

Last Edited
08/01/2021

Recruitment status
No longer recruiting

Overall study status
Completed

Condition category
Musculoskeletal Diseases

[X] Prospectively registered

[_] 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

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Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers

NL708, NTR718

Study information

Scientific Title

Prognostic factors for cartilage degeneration in the knee after meniscectomy and cruciate ligament injuries. A prospective observational magnetic resonance imaging cohort study.

Study objectives

To identify high-risk patient groups for development of knee osteoarthritis (OA) in a cohort, 9-10 years after meniscus, cruciate ligament and cartilage lesions.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Not provided at time of registration

Study design

A prospective, observational, cohort study

Primary study design

Observational

Secondary study design

Cohort study

Study setting(s)

Not specified

Study type(s)

Screening

Participant information sheet

Health condition(s) or problem(s) studied

Osteoarthritis

Interventions

1. X-ray
2. MRI
3. Venapunction

Intervention Type

Other

Phase

Not Specified

Primary outcome measure

To identify high-risk patient groups for development of knee osteoarthritis (OA) in a cohort, 9-10 years after meniscus, cruciate ligament and cartilage lesions

Secondary outcome measures

To determine the use of 3T (for tesla) MRI state of the art imaging in detecting early OA in the knee

Overall study start date

01/08/2006

Completion date

01/05/2009

Eligibility

Key inclusion criteria

Patients who participated in the 1997 study "MRI triage for arthroscopy"

Participant type(s)

Patient

Age group

Adult

Sex

Both

Target number of participants

700

Total final enrolment

326

Key exclusion criteria

1. Pregnancy
2. Contraindications for magnetic resonance imaging (MRI) e.g. pacemaker, metal implants, intrauterine device (IUD) etc

Date of first enrolment

01/08/2006

Date of final enrolment

01/05/2009

Locations

Countries of recruitment

Netherlands

Study participating centre
Leiden University Medical Center (LUMC)
Leiden
Netherlands
2333 ZA

Sponsor information

Organisation
Dutch Arthritis Association (The Netherlands)

Sponsor details
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Sponsor type
Charity

ROR
https://ror.org/05dr3r825

Funder(s)

Funder type
Charity

Funder Name
Dutch Arthritis Association (rheumatism fund)

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?
[Results article](#)	results	01/08/2010	08/01/2021	Yes	No