

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	Recruitment status No longer recruiting	☒ Prospectively registered ☐ Protocol
Registration date 21/07/2006	Overall study status Completed	☐ Statistical analysis plan ☒ Results
Last Edited 08/01/2021	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
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

Primary study design

Observational

Study design

A prospective, observational, cohort study

Study type(s)

Screening

Health condition(s) or problem(s) studied

Osteoarthritis

Interventions

1. X-ray
2. MRI
3. Venapunction

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

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

Key secondary outcome(s)

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

Completion date

01/05/2009

Eligibility

Key inclusion criteria

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

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Sex

All

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)

ROR

<https://ror.org/05dr3r825>

Funder(s)

Funder type

Charity

Funder Name

Dutch Arthritis Association (rheumatism fund)

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	01/08/2010	08/01/2021	Yes	No