

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

No registrations found.

Ethical review	Not applicable
Status	Pending
Health condition type	-
Study type	Observational non invasive

Summary

ID

NL-OMON26507

Source

Nationaal Trial Register

Brief title

Prognostic factors for knee OA development.

Health condition

Osteoarthritis

Sponsors and support

Primary sponsor: Reumafonds

Source(s) of monetary or material Support: Reumafonds

Intervention

Outcome measures

Primary outcome

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

To determine the use of 3T MRI state of the art imaging in detecting early OA in the knee.

Study description

Background summary

The proposed study is based on a 1997 collected dataset of 859 patients with knee complaints. The original data from history taking, physical examination, plain films, MRI and arthroscopy will be made available from the original database and incorporated in a new database.

All 859 patients are considered eligible for this study and will be recalled for follow-up. Patients are seen at the outpatient clinic of the department of Orthopaedic Surgery of the LUMC. Physical examination, plain films and MRI will be performed. Mouthswabs, blood and urine will be taken. The patients are asked to fill in three questionnaires.

In a second and last visit to the LUMC, MRI of the knee will be performed.

The main aim is 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.

Study objective

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.

Intervention

1. X-ray;
2. MRI;
3. Venapunction.

Contacts

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Eligibility criteria

Inclusion criteria

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

Exclusion criteria

Pregnancy, CI for MRI: pacemaker, metal implants, IUD etc.

Study design

Design

Study type:	Observational non invasive
Intervention model:	Other
Allocation:	N/A: single arm study
Masking:	Open (masking not used)
Control:	N/A , unknown

Recruitment

NL

Recruitment status:	Pending
Start date (anticipated):	01-08-2006
Enrollment:	700
Type:	Anticipated

Ethics review

Not applicable
Application type: Not applicable

Study registrations

Followed up by the following (possibly more current) registration

No registrations found.

Other (possibly less up-to-date) registrations in this register

No registrations found.

In other registers

Register	ID
NTR-new	NL708
NTR-old	NTR718
Other	: N/A
ISRCTN	ISRCTN44431821

Study results

Summary results

N/A