

Has chronicity of injury in terms of time interval influence on survival rate of arthroscopic meniscal repair?

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Time interval between trauma and arthroscopic meniscal repair has no influence on clinical outcome

Ethische beoordeling	Positief advies
Status	Werving gestart
Type aandoening	-
Onderzoekstype	Observationeel onderzoek, zonder invasieve metingen

Samenvatting

ID

NL-OMON20206

Bron

Nationaal Trial Register

Aandoening

meniscal repair, ACL reconstruction, meniscus, meniscal tear

Ondersteuning

Primaire sponsor: MC Haaglanden

Overige ondersteuning: Non

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

re-operation, radiological failure

Toelichting onderzoek

Achtergrond van het onderzoek

Arthroscopic meniscal repair is the gold standard for longitudinal peripheral meniscal tears. The time interval between trauma and meniscal repair is still controversial. The aim of this retrospective study was to evaluate failure rates and clinical outcome of arthroscopic meniscal repair system with and without anterior cruciate ligament reconstruction (ACLR) in relation to chronicity of injury.

Between July 2006 and March 2013, 313 patients underwent an arthroscopic meniscal repair by three different orthopedic surgeons, each with at least five years of experience in arthroscopic meniscal repair. After getting an approval from the local Institutional Review Board multiple attempts were made to contact all 313 patients by telephone during summer 2014. All medical records were checked for reoperations and complications. If patients could be reached, they were asked to complete multiple questionnaires after they had given their informed consent. The questionnaires were sent by post or email.

Study instruments included the Knee injury and Osteoarthritis Outcome Score (KOOS), Lysholm score, Tegner score and additional questions about patients' medical history, especially about any possible reoperation elsewhere.

The patients were divided into three groups according to the interval between trauma and meniscal repair: ≤ 2 weeks (acute), >2 weeks - 12 weeks (subacute) and > 12 weeks (chronic). The criteria for failure were partial or (sub)total meniscectomy of the previous sutured meniscus.

Doel van het onderzoek

Time interval between trauma and arthroscopic meniscal repair has no influence on clinical outcome

Onderzoeksopzet

at least 1 year post operative follow-up

Onderzoeksproduct en/of interventie

questionnaires; KOOS, Tegner, Lysholm

Contactpersonen

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

arthroscopic meniscal repair

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

arthroscopic meniscal repair in combination with concomitant PCL and/or PLC reconstruction

Onderzoeksopzet

Opzet

Type:	Observationeel onderzoek, zonder invasieve metingen
Onderzoeksmodel:	Anders

Toewijzing:	N.v.t. / één studie arm
Blinding:	Open / niet geblindeerd
Controle:	N.v.t. / onbekend

Deelname

Nederland	
Status:	Werving gestart
(Verwachte) startdatum:	01-07-2014
Aantal proefpersonen:	314
Type:	Verwachte startdatum

Ethische beoordeling

Positief advies	
Datum:	25-08-2014
Soort:	Eerste indiening

Registraties

Opgevolgd door onderstaande (mogelijk meer actuele) registratie

Geen registraties gevonden.

Andere (mogelijk minder actuele) registraties in dit register

Geen registraties gevonden.

In overige registers

Register	ID
NTR-new	NL4628
NTR-old	NTR4781
Ander register	: METC 14-073

Resultaten