

Rehabilitation after hip arthroscopy: a follow-up study.

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

Samenvatting

ID

NL-OMON27779

Bron

Nationaal Trial Register

Verkorte titel

N/A

Aandoening

Hip arthroscopy

Heupartroscopie

Postoperative rehabilitation

Postoperatieve revalidatie

Long term results

Lange termijnresultaten

Intra-articular hip pathology

Intra-articulaire heuppathologie

Femoroacetabular impingement (FAI)Femoroacetabulair impingement (FAI)

Hip labral pathology

Labrumletsel van de heup

Ondersteuning

Primaire sponsor: Sport Medisch Centrum Papendal
Universitair Medisch Centrum St Radboud, IQ healthcare

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

- Hip function measured by the International Hip Outcome Tool 33 (IHOT-33)

- Perceived pain measured by Visual Analogue Scale (VAS) (included in IHOT-33)

- (Sport) Activity level with sport activity score

Toelichting onderzoek

Achtergrond van het onderzoek

The amount of hip arthroscopies performed has risen considerably in the last few years. These arthroscopies are often performed for the treatment of Femoroacetabular impingement (FAI) and/or labral pathology of the hip. However, it is unclear what the postoperative physiotherapeutic intervention should look like. Several studies have described rehabilitation protocols, but none have been thoroughly investigated.

Furthermore, there is no consensus regarding the long term results of this operation and rehabilitation. Numbers with regard to full recovery of the hip function and return to (sports) activities vary widely.

Previously a rehabilitation protocol based on clinical experience and available literature was developed at Sport Medisch Centrum Papendal. It is unknown what the long term results of this protocol are. The aim of this study is to investigate the long term results of persons who underwent hip arthroscopy and were treated with this developed protocol. The hypothesis is that hip arthroscopy with postoperative rehabilitation leads to full recovery of hip function and return to (sports) activities.

Doel van het onderzoek

The aim of the study is to investigate the long term results of hip arthroscopy patients with regard to hip function and return to (sports) activities. The hypothesis is that hip arthroscopy combined with postoperative rehabilitation leads to full recovery of hip function and return to (sports) activities.

Onderzoeksopzet

There is only one timepoint in this study; the follow-up measurement. This will take place somewhere between 0.5 – 3.5 years after surgery.

Onderzoeksproduct en/of interventie

All persons who underwent hip arthroscopy and followed rehabilitation at Sport Medisch Centrum Papendal between 01-01-2010 and 01-06-2013 will be contacted for a follow-up measurement. After voluntary agreement the measurement will be executed. This measurement consists of two questionnaires, a physical examination with strength tests and several (jump) tests and takes approximately 1.5 hours. Data will be analyzed and compared to current literature.

Contactpersonen

Publiek

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Wetenschappelijk

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

Persons:

-Who underwent hip arthroscopy at Rijnstate Hospital Arnhem between 01-01-2010 and 01-06-2013

-Followed postoperative rehabilitation at Sport Medisch Centrum Papendal and finished this rehabilitation at least 6 months ago

-Were between 18 and 65 years of age at the time of surgery

-Are willing to sign informed consent

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

Persons:

-Have balance and/or coordination problems

-Use medication that influences balance

-Have other conditions, such as cardiovascular disease, that can influence follow-up measurements

-Inability to speak or understand the Dutch language

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 nog niet gestart
(Verwachte) startdatum:	01-11-2013
Aantal proefpersonen:	70
Type:	Verwachte startdatum

Ethische beoordeling

Positief advies

Datum: 17-09-2013

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	NL4007
NTR-old	NTR4179
Ander register	CMO Arnhem Nijmegen : 2013/361
ISRCTN	ISRCTN wordt niet meer aangevraagd.

Resultaten

Samenvatting resultaten

A clinical observational study on patient-reported outcomes, hip functional performance and return to sports activities in hip arthroscopy patients

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