

Long term results after hip arthroscopy

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To evaluate the degree of osteoarthritis 5 to 10 years after a hip arthroscopy in comparison with the non-operative side.

Ethical review	Approved WMO
Status	Completed
Health condition type	Joint disorders
Study type	Observational non invasive

Summary

ID

NL-OMON56691

Source

ToetsingOnline

Brief title

Long term results after hip arthroscopy

Condition

- Joint disorders

Synonym

hip arthroscopy, osteoarthritis

Research involving

Human

Sponsors and support

Primary sponsor: Reinier de Graaf Groep

Source(s) of monetary or material Support: het Reinier de graaf ziekenhuis

Intervention

Keyword: Hip arthroscopy, Osteoarthritis

Outcome measures

Primary outcome

To evaluate the degree of osteoarthritis 5 to 10 years after a hip arthroscopy in comparison with the non-operative side.

Secondary outcome

- To evaluate the change in degree of osteoarthritis at 5 to 10 years after a hip arthroscopy in comparison with preoperative/perioperative.
- To report the incidence of total hip replacement within 5 to 10 years after a hip arthroscopy. To report the incidence of revision hip arthroscopy within 5 to 10 years after primary hip arthroscopy.
- To determine the functional outcome of patients and, to determine what factors contribute to a good functional outcome 5/10 years after hip arthroscopy.
- To determine the inter-rater and intra-rater agreement of the Kellgren and Lawrence OA score.
- To determine patient satisfaction 5-10 years after hip arthroscopy.

Study description

Background summary

A common cause of hip joint pain in the young and active population is femoroacetabular impingement (FAI) syndrome. If FAI is left untreated, the changed morphology will have a negative effect on the existing joint and will contribute to the development of osteoarthritis. Hip arthroscopy is the first choice of operative treatment for FAI. While hip arthroscopy improves the patient reported outcome measures (PROMs), the influence of this treatment on the contribution to the development of osteoarthritis after FAI is to the best

of our knowledge still unknown.

Study objective

To evaluate the degree of osteoarthritis 5 to 10 years after a hip arthroscopy in comparison with the non-operative side.

Study design

Expansion of a prospective cohort study.

Study burden and risks

All patients will be asked to visit the hospital once. During the visit, patients will have to complete questionnaires and one radiograph will be made.

Contacts

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Trial sites

Listed location countries

Netherlands

Eligibility criteria

Age

Adults (18-64 years)
Elderly (65 years and older)

Inclusion criteria

- Patient who participated in the cohort study;
- At least 5 years of follow up;
- Patient is able to understand the meaning of the study and is willing to sign the Informed Consent Form.

Exclusion criteria

- Patient who has had hip arthroscopy of both sides;
- Patient is unable or unwilling to sign informed consent.
- Patient who is pregnant

Study design

Design

Study type:	Observational non invasive
Intervention model:	Other
Allocation:	Non-randomized controlled trial
Masking:	Open (masking not used)
Control:	Active
Primary purpose:	Treatment

Recruitment

NL	
Recruitment status:	Completed
Start date (anticipated):	17-05-2024
Enrollment:	451
Type:	Actual

Ethics review

Approved WMO

Date: 08-04-2024

Application type: First submission

Review commission: METC Leiden-Den Haag-Delft (Leiden)

metc-ldd@lumc.nl

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
CCMO	NL86221.058.24