Avantage cup: An advantage in hip instability?

Published: 25-06-2009
Last updated: 04-05-2024

The goal of this research is to analyse wether the placement of the Avantage cup leads to a better stability of the hip. We will also analyse the patient functional outcome and the radiographic results.

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

Summary

ID

NL-OMON33383

Source
ToetsingOnline

Brief title
Midterm results Avantage cup

Condition

- Joint disorders
- Bone and joint therapeutic procedures

Synonym
instability hipprosthesis

Research involving
Human

Sponsors and support

Primary sponsor: Sint Elisabeth Ziekenhuis
Source(s) of monetary or material Support: eigen middelen

Intervention

Keyword: Avantage, Instability, Revision

Outcome measures

Primary outcome

Number of dislocations

Secondary outcome

Functional outcome scores (Harris Hip Score, Oxford Hip Score and the HOOS)

Radiographic results: osteolysis using Gruen and Delee-Charnley zonal system.

Study description

Background summary

After placement of a hipprosthesis there is a dislocation prevalence of 3%. After revisionsurgery this prevalence rises to between 5% and 20%. In case of instability of a hip prosthesis (recurrent dislocations or subluxations) or when a postoperative instability is foreseen it is possible to choose a prosthesis with a more constraint design. The design of this prosthesis will create more stability and on the downside it will give some restriction in the range of motion. The Avantage cup is an example of a constraint prosthesis

Study objective

The goal of this research is to analyse wether the placement of the Avantage cup leads to a better stability of the hip. We will also analyse the patient functional outcome and the radiographic results.

Study design

follow-up study

Study burden and risks

No risk
Burden: 1 outclinic visit that will take 30 minutes. Xray of the pelvis AP and hip axial

Contacts

Public
Sint Elisabeth Ziekenhuis

Hilvarenbeekseweg 60
5022GC Tilburg
Nederland
Scientific
Sint Elisabeth Ziekenhuis

Hilvarenbeekseweg 60
5022GC Tilburg
Nederland

Trial sites

Listed location countries

Netherlands

Eligibility criteria

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

Inclusion criteria

Patients who had an Avantage cup implanted

Exclusion criteria

-

Study design

Design

Study type: Observational non invasive

Masking:	Open (masking not used)
Control:	Uncontrolled
Primary purpose:	Treatment

Recruitment

NL

Recruitment status:	Recruitment stopped
Start date (anticipated):	26-06-2009
Enrollment:	39
Type:	Actual

Ethics review

Approved WMO

Date:	25-06-2009
Application type:	First submission
Review commission:	METC Brabant (Tilburg)

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	NL27666.008.09