

# The relation between quadriceps strength, range of motion, parameters of gait and self-assessment functional outcome (measured with the WOMAC) at patients with end-stage knee osteoarthritis and after TKA.

No registrations found.

<b>Ethical review</b>	Not applicable
<b>Status</b>	Pending
<b>Health condition type</b>	-
<b>Study type</b>	Observational non invasive

## Summary

### ID

NL-OMON25063

### Source

NTR

### Brief title

Self-assessment functional outcome before and after TKA

### Health condition

TKA and knee osteoarthritis

## Sponsors and support

**Primary sponsor:** azm

**Source(s) of monetary or material Support:** fund=initiator=sponsor

## Intervention

## Outcome measures

### Primary outcome

1. WOMAC;
2. KSS;
3. ROM;
4. Quadriceps strength;
5. Parameters of gait;
6. PSK.

### Secondary outcome

N/A

## Study description

### Background summary

N/A

### Study objective

We assume a relation between functional outcome and the different parameters (strength, range of motion and gait).

### Study design

1. Before surgery;
2. 3 months after surgery;
3. 1 year after surgery.

### Intervention

N/A

## Contacts

### Public

[default]  
The Netherlands

### Scientific

[default]  
The Netherlands

## Eligibility criteria

### Inclusion criteria

1. Patients with the diagnosis of knee osteoarthritis for whom TKA is indicated;
2. Who will be operated in the 'Artrose Kliniek Maastricht' of the MUMC+;
3. Between 18 and 80 years of age at the time of surgery;
4. Patients who understand the conditions of the study and are willing to participate for the length of the described follow-up;
5. Patients who are capable of, and have given, informed consent for participation in the study.

### Exclusion criteria

1. Patients with an immobile hip or ankle arthrodesis;
2. Patients with a neurological deficit;
3. Patients who received an UKA instead of a TKA.

## Study design

## Design

Study type:	Observational non invasive
Intervention model:	Parallel
Allocation:	Non controlled trial
Masking:	Open (masking not used)
Control:	N/A , unknown

## Recruitment

NL	
Recruitment status:	Pending
Start date (anticipated):	01-01-2011
Enrollment:	150
Type:	Anticipated

## Ethics review

Not applicable	
Application type:	Not applicable

## Study registrations

### Followed up by the following (possibly more current) registration

ID: 36251  
Bron: ToetsingOnline  
Titel:

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

No registrations found.

## In other registers

Register	ID
NTR-new	NL2286
NTR-old	NTR2556

**Register**

CCMO

ISRCTN

OMON

**ID**

NL33015.068.10

ISRCTN wordt niet meer aangevraagd.

NL-OMON36251

## Study results

**Summary results**

N/A