

# Anterior knee pain after total knee replacement: A systematic review.

No registrations found.

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

## Summary

### ID

NL-OMON20661

### Source

NTR

### Brief title

N/A

### Health condition

Total knee replacement.

## Sponsors and support

**Primary sponsor:** Deventer Ziekenhuis, Department of Orthopaedic Surgery

**Source(s) of monetary or material Support:** Deventer Ziekenhuis, Department of Orthopaedic Surgery

## Intervention

## Outcome measures

### Primary outcome

Factors associated with anterior knee pain after primary total knee replacement.

### Secondary outcome

Outcome instruments used to assess the presence of anterior knee pain after total knee replacement.

## Study description

### Background summary

Anterior knee pain is reported to occur in 4–49% of patients following primary total knee replacement. The cause is unknown, but may be related to patient characteristics, degree of patellar cartilage wear, prosthetic design, operative technique, and the use of patellar resurfacing.

### Study objective

The objective of the study is to identify factors associated with anterior knee pain after primary total knee replacement.

### Study design

N/A

### Intervention

Systematic literature review using MEDLINE, the Cochrane Database of Systematic Reviews, the Cochrane Central Register of Controlled Trials, and EMBASE. Additional studies will be identified by reviews of the bibliographies of eligible articles.

## Contacts

### Public

Department of Orthopaedic surgery  
Deventer Ziekenhuis  
Postbus 5001

Hans-Peter W. Jonbergen, van  
Deventer 7400 GC  
The Netherlands

### Scientific

Department of Orthopaedic surgery  
Deventer Ziekenhuis  
Postbus 5001

## Eligibility criteria

### Inclusion criteria

1. Studies involving patients undergoing primary total knee replacement;
2. RCTs or cohort studies including a minimum of 10 patients;
3. Studies relating the prevalence of anterior knee pain with one or more variables;
4. English-language studies.

### Exclusion criteria

1. Case reports;
2. RCTs or cohort studies with incompletely described patient populations, less than 10 included patients, and insufficient descriptions of treatment.

## Study design

### Design

Study type: Observational non invasive

Intervention model: Parallel

Allocation: Non controlled trial

**Control:** N/A , unknown

### Recruitment

NL

Recruitment status: Recruiting

Start date (anticipated): 01-01-2011

Enrollment: 0  
Type: Anticipated

## Ethics review

Not applicable  
Application type: Not applicable

## 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
NTR-new	NL2552
NTR-old	NTR2670
Other	: N/A
ISRCTN	ISRCTN wordt niet meer aangevraagd.

## Study results

**Summary results**  
N/A