

# Efficiency of immediate postoperative inpatient physical therapy (PT) following total knee arthroplasty: a randomised controlled trial (RCT)

<b>Submission date</b> 26/08/2005	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
<b>Registration date</b> 07/09/2005	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
<b>Last Edited</b> 08/11/2022	<b>Condition category</b> Surgery	<input type="checkbox"/> Individual participant data

**Plain English summary of protocol**  
Not provided at time of registration

## Contact information

**Type(s)**  
Scientific

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## Additional identifiers

**EudraCT/CTIS number**

**IRAS number**

**ClinicalTrials.gov number**

**Secondary identifying numbers**  
N/A

# Study information

## Scientific Title

Efficiency of immediate postoperative inpatient physical therapy (PT) following total knee arthroplasty: a randomised controlled trial (RCT)

## Study objectives

Does the intensity of PT treatment (once versus twice daily) in patients following TKA have an influence on short-term recovery, measured in range of motion and function?

## Ethics approval required

Old ethics approval format

## Ethics approval(s)

Not provided at time of registration

## Study design

Randomised controlled trial

## Primary study design

Interventional

## Secondary study design

Randomised controlled trial

## Study setting(s)

Not specified

## Study type(s)

Treatment

## Participant information sheet

## Health condition(s) or problem(s) studied

Total knee arthroplasty in OA patients

## Interventions

Intensive PT versus regular PT

## Intervention Type

Procedure/Surgery

## Phase

Not Specified

## Primary outcome measure

Primary outcome measures in this study were mobility and function

## Secondary outcome measures

Secondary outcome measures were length of stay (LOS) following surgery, pain over the last 24 hours, satisfaction with treatment, satisfaction with the intermediate treatment results, number of PT sessions and Global perceived effect.

**Overall study start date**

15/01/2004

**Completion date**

01/08/2004

## Eligibility

**Key inclusion criteria**

Patients who received a primary TKA at the University Hospital Maastricht between January 15 and June 1st, 2004. Subjects were considered eligible for the study if they were scheduled in the Joint Care program and signed an informed consent form.

**Participant type(s)**

Patient

**Age group**

Adult

**Sex**

Both

**Target number of participants**

43

**Total final enrolment**

43

**Key exclusion criteria**

Patients undergoing knee revision surgery were excluded. Also patients over 85 years of age, patients with co-morbidity influencing gait and patient who did not understand or speak Dutch were excluded.

**Date of first enrolment**

15/01/2004

**Date of final enrolment**

01/08/2004

## Locations

**Countries of recruitment**

Netherlands

**Study participating centre**  
**P.Debijelaan 25**  
Maastricht  
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6229 HX

## **Sponsor information**

**Organisation**  
University Hospital Maastricht (The Netherlands)

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**Sponsor type**  
University/education

**Website**  
<http://www.azm.nl>

**ROR**  
<https://ror.org/02d9ce178>

## **Funder(s)**

**Funder type**  
University/education

**Funder Name**  
University Hospital Maastricht (Netherlands)

## **Results and Publications**

**Publication and dissemination plan**  
Not provided at time of registration

**Intention to publish date**

**Individual participant data (IPD) sharing plan**

Not provided at time of registration

**IPD sharing plan summary**

Not provided at time of registration

**Study outputs**

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
<a href="#">Results article</a>		31/08/2006		Yes	No