

# 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

**Contact name**  
Mr Ton Lenssen

**Contact details**  
P.Debijelaan 25  
Maastricht  
Netherlands  
6229 HX  
+31 (0)433875145  
alen@pmzl.azm.nl

## Additional identifiers

**Protocol serial number**  
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

**Study type(s)**

Treatment

**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(s)**

Primary outcome measures in this study were mobility and function

**Key secondary outcome(s))**

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.

**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

**Healthy volunteers allowed**

No

**Age group**

Adult

**Sex**

All

**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

Netherlands

6229 HX

## **Sponsor information**

**Organisation**

University Hospital Maastricht (The Netherlands)

**ROR**

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

# Funder(s)

## Funder type

University/education

## Funder Name

University Hospital Maastricht (Netherlands)

# Results and Publications

## 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