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

Submission date
26/08/2005

Recruitment status
No longer recruiting

Registration date
07/09/2005

Overall study status
Completed

Last Edited
08/11/2022

Condition category
Surgery

[_] Prospectively registered
[_] Protocol
[_] Statistical analysis plan
[X] Results
[_] 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

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

Primary study design
Interventional

Study design
Randomised controlled trial

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?
Results article		31/08/2006		Yes	No