

Pericapsular nerve group block versus intrathecal morphine in hip arthroplasty: a non-blinded randomised controlled trial

No registrations found.

Ethical review	Not applicable
Status	Pending
Health condition type	-
Study type	Interventional

Summary

ID

NL-OMON22351

Source

Nationaal Trial Register

Brief title

PENG vs ITM RCT

Health condition

Elective hip arthroplasty

Sponsors and support

Primary sponsor: NONE

Source(s) of monetary or material Support: None

Intervention

Outcome measures

Primary outcome

Pain score reduction

Secondary outcome

PONV, pruritis, patient satisfaction, time to mobilisation, length of stay, incidence of complications, possibly patient related outcomes measures.

Study description

Background summary

We aim to examine pain relief and side effects in patients undergoing hip arthroplasty under spinal anaesthesia. Control group is current practice, which is low dose (100-150mcg) intrathecal morphine. Intervention is the pericapsular nerve block, a novel regional technique. This shall be combined with a spinal anaesthesia with bupivacaine and no intrathecal morphine.

Study objective

The PENG hip block is superior to low dose intrathecal morphine and features less side effects

Study design

Pre-operative, intraoperative, postoperative Recovery unit, day1 postop, day 2 postop, day 3 postop, discharge

Intervention

1. Low dose intrathecal morphine via spinal anaesthesia, 2. pericapsular nerve group block with spinal anaesthesia

Contacts

Public

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Eligibility criteria

Inclusion criteria

All hip arthroplasty patients for surgery at Noarlunga Hospital or Flinders Medical Centre with no contraindication to either spinal anaesthesia with intrathecal morphine or ropivacaine based regional technique

Exclusion criteria

Contraindication to spinal anaesthesia. Patient refusal, allergy or contraindication to intrathecal morphine or regional analgesia

Study design

Design

Study type:	Interventional
Intervention model:	Parallel
Allocation:	Randomized controlled trial
Masking:	Open (masking not used)
Control:	Active

Recruitment

NL	
Recruitment status:	Pending
Start date (anticipated):	08-03-2021
Enrollment:	60
Type:	Anticipated

IPD sharing statement

Plan to share IPD: No

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	NL8952
Other	METC FMC : NONE yet

Study results