

Optimal perioperative analgesia in hand surgery

Submission date 26/09/2005	Recruitment status No longer recruiting	☐ Prospectively registered ☐ Protocol
Registration date 26/09/2005	Overall study status Completed	☐ Statistical analysis plan ☐ Results
Last Edited 10/12/2007	Condition category Surgery	☐ Individual participant data ☐ Record updated in last year

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

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Additional identifiers

Protocol serial number

MCT-65009

Study information

Scientific Title

Study objectives

To compare two methods of analgesia, optimal perioperative analgesia OPA versus the usual analgesic treatment (UAT), in patients undergoing hand surgery, in terms of postoperative pain control, intensity and duration of the local inflammatory response, impact of pain on function and quality of life.

Trapeziectomy and carpal surgery, bone graft, wrist arthrodesis, distal radial arthrotomy, hand surgery/trauma of hand.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Ethics approval received from the Comité d'éthique de la recherche, CHUM (Centre Hospitalier de l'Université de Montréal) on the 24th March 2003.

Primary study design

Interventional

Study design

Randomised controlled trial

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Hand surgery

Interventions

Experimental group: non-steroidal anti-inflammatory drug (NSAID) 1 hour before surgery, 1 daily after surgery.

Both groups (OPA and UAT) will receive the same treatment until their admission in the recovery room.

Trial details received: 12 September 2005

Intervention Type

Drug

Phase

Not Specified

Drug/device/biological/vaccine name(s)

Non-Steroidal Anti-Inflammatory Drugs (NSAID)

Primary outcome(s)

Reducing pain intensity at rest and during active movements measured at 8 months.

Key secondary outcome(s)

1. The impact of pain on Quality of Life (QOL)
2. The impact of pain on activities
3. Inflammation
4. Function

Completion date

30/09/2006

Eligibility

Key inclusion criteria

Patients, either sex, scheduled for trapeziectomy and carpal surgery:

1. Total and partial carpectomy
2. Bone graft
3. Wrist arthrodesis
4. Distal radial arthrotomy

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Sex

All

Key exclusion criteria

1. Age under 18 years or older than 75 years
2. Pregnant
3. Allergic to morphine, local anesthetics
4. Suffering from other forms of chronic arthritis or other painful conditions treated chronically (every day) with analgesics (i.e. fibromyalgia)
5. Allergic or intolerant to NSAID (COX2 inhibitors)
6. Consuming anticoagulants which cannot be interrupted
7. Suffering from major cardiovascular problems
8. Suffering from cognitive or psychiatric problems, or drug abuse
9. Other recent hand surgery or axillary surgery with sequels
10. Living alone (no help at home)
11. Unable to understand French or English
12. Without phone access or likely to change address during follow-up

Date of first enrolment

01/10/2003

Date of final enrolment

30/09/2006

Locations

Countries of recruitment

Canada

Study participating centre

Hôpital Notre-Dame du CHUM

Montréal

Canada

H2L 4M1

Sponsor information

Organisation

University Hospital of Montreal (CHUM) (Canada)

ROR

<https://ror.org/0410a8y51>

Funder(s)

Funder type

Research organisation

Funder Name

Canadian Institutes of Health Research (CIHR) (Canada) - <http://www.cihr-irsc.gc.ca> (ref: MCT-65009)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration