# Optimal perioperative analgesia in hand surgery

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

## Plain English summary of protocol

Not provided at time of registration

## Contact information

## Type(s)

Scientific

#### Contact name

Dr Gilbert Alfred Blaise

#### Contact details

Hôpital Notre-Dame du CHUM Laboratoire d'Anesthésie Porte FS-1136 1560 rue Sherbrooke Est Montréal Canada H2L 4M1 +1 514-890-8202 blaisegil@sympatico.ca

## 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 graph, 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.

### Study design

Randomised controlled trial

### Primary study design

Interventional

### 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 graph
- 3. Wrist arthrodesis
- 4. Distal radial arthrotomy

### Participant type(s)

Patient

### Healthy volunteers allowed

No

### Age group

Adult

#### Sex

Αll

### 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. fibromyalagia)
- 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