

# A clinical trial as proof of principle of the analgesic effectiveness of cannabinoids on postoperative pain

<b>Submission date</b> 23/10/2000	<b>Recruitment status</b> No longer recruiting	<input checked="" type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
<b>Registration date</b> 23/10/2000	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
<b>Last Edited</b> 07/09/2009	<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

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## Additional identifiers

### Protocol serial number

G9901459

## Study information

## **Scientific Title**

### **Acronym**

CANPOP

### **Study objectives**

To determine if oral cannabinoids are analgesics and in the context of acute pain after surgery can provide pain relief. The primary outcome is the total pain relief score over 6 h based on hourly measurements from a verbal rating scale

### **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**

Postoperative pain

### **Interventions**

There are four groups with a single dose of one of the following administered at random:

1. Standardised cannabis plant extract
2. Tetrahydrocannabinol
3. Ibuprofen
4. Placebo

### **Intervention Type**

Procedure/Surgery

### **Phase**

Not Specified

### **Primary outcome(s)**

The primary outcome is the total pain relief score over 6 h based on hourly measurements from a verbal rating scale

### **Key secondary outcome(s)**

Not provided at time of registration.

### **Completion date**

12/04/2004

## Eligibility

### Key inclusion criteria

Elective surgery for primary knee arthroplasties or gynaecological surgery (hysterectomies, myomectomies and tubal surgery). Written informed consent, cooperative, reliable, age 18-60 years, weight greater than or equal to 50 kg (July 2006: changed from 60 kg), able to take oral medication, at least moderate pain, approximately 24-48 h after surgery

### Participant type(s)

Patient

### Healthy volunteers allowed

No

### Age group

Adult

### Lower age limit

18 years

### Upper age limit

60 years

### Sex

Not Specified

### Key exclusion criteria

Preoperative pain medications. Analgesic drugs within 3 h of the study, surgical complications, haemorrhage (greater than 1000ml), ASA 3 or 4, any present or previous cardiovascular disease or medication, asthma, gastric ulcer, any present abnormal liver or renal function (as determined by laboratory tests), cannabis users within a month of the surgery, patients using sedatives, tranquillisers or anxiolytics, history of psychosis, pregnant (screening by pregnancy test) or lactating women, participation in a clinical study in the previous month and patients previously entered into this study.

### Date of first enrolment

01/01/2001

### Date of final enrolment

12/04/2004

## Locations

### Countries of recruitment

United Kingdom

England

**Study participating centre**  
**Magill Department of Anaesthesia**  
London  
United Kingdom  
SW10 9NH

## Sponsor information

**Organisation**  
Medical Research Council (MRC) (UK)

## Funder(s)

**Funder type**  
Research council

**Funder Name**  
Medical Research Council (MRC) (UK)

**Alternative Name(s)**  
Medical Research Council (United Kingdom), UK Medical Research Council, Medical Research Committee and Advisory Council, MRC

**Funding Body Type**  
Government organisation

**Funding Body Subtype**  
National government

**Location**  
United Kingdom

## Results and Publications

**Individual participant data (IPD) sharing plan**

**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>	results	01/05/2006		Yes	No