

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

Submission date 23/10/2000	Recruitment status No longer recruiting	☒ Prospectively registered ☐ Protocol
Registration date 23/10/2000	Overall study status Completed	☐ Statistical analysis plan ☒ Results
Last Edited 07/09/2009	Condition category Surgery	☐ Individual participant data

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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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.

Primary study design

Interventional

Study design

Randomised controlled trial

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?
Results article	results	01/05/2006		Yes	No