

# The effect of an ilio-inguinal block in appendectomy on post operative pain and hospital stay

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| <b>Submission date</b><br>28/09/2007   | <b>Recruitment status</b><br>No longer recruiting | <input type="checkbox"/> Prospectively registered<br><input type="checkbox"/> Protocol            |
| <b>Registration date</b><br>28/09/2007 | <b>Overall study status</b><br>Completed          | <input type="checkbox"/> Statistical analysis plan<br><input checked="" type="checkbox"/> Results |
| <b>Last Edited</b><br>06/07/2009       | <b>Condition category</b><br>Signs and Symptoms   | <input type="checkbox"/> Individual participant data  |

## Plain English summary of protocol

Not provided at time of registration

## Contact information

### Type(s)

Scientific

### Contact name

Dr Simon Middleton

### Contact details

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Royal Berkshire Hospital  
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Reading  
United Kingdom  
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## Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers

N0199192286

# Study information

## Scientific Title

## Study objectives

Does the use of local anaesthetic nerve blocks to numb the operation site, once the patient is anaesthetised, reduce port operative pain in patients undergoing appendectomy? This will be compared to infiltration of the skin alone with local anaesthetic.

## Ethics approval required

Old ethics approval format

## Ethics approval(s)

Not provided at time of registration

## Study design

Randomised prospective trial with patient and ward staff blinded to intervention

## Primary study design

Interventional

## Secondary study design

Randomised controlled trial

## Study setting(s)

Hospital

## Study type(s)

Treatment

## Participant information sheet

## Health condition(s) or problem(s) studied

Signs and Symptoms: Pain

## Interventions

1. Group A: local infiltration of skin prior to incision with bupivacaine according to weight.
2. Group B: half the bupivacaine by weight infiltrated into the skin prior to incision. As incision deepened second half of bupivacaine given under direct vision deep to external oblique, lateral to the incision, to create field block.

## Intervention Type

Other

## Phase

Not Specified

## Primary outcome measure

1. Post operative pain in recovery: by questionnaire in recovery
2. Post operative pain on ward at 4 and 8 hours post op: by questionnaire
3. Post operative pain at 24 hours or at discharge, whichever is sooner.
4. Hours from operation to discharge.

**Secondary outcome measures**

Not provided at time of registration

**Overall study start date**

07/03/2007

**Completion date**

30/06/2007

## Eligibility

**Key inclusion criteria**

All open appendectomies undertaken for acute appendicitis at Royal Berkshire Hospital. At time of analysis different sub groups formed according to operative findings: gangrenous / perforated appendix or normal appendix.

**Participant type(s)**

Patient

**Age group**

Not Specified

**Sex**

Not Specified

**Target number of participants**

90

**Key exclusion criteria**

1. Laparoscopic appendectomies.
2. Appendix removed at time of planned laparotomy (i.e. not through small incision).

These exclusion criteria exist as we wish to judge the effect of local anaesthetic on post operative pain. Where a different size wound is left (laparoscopic or laparotomy) it would be an unfair comparison.

Where the initial operation is appendectomy via a lanz incision but an alternative pathology is found or the wound is extended for a laparotomy then the patient will be included in the study until the time of analysis.

**Date of first enrolment**

07/03/2007

**Date of final enrolment**

30/06/2007

# Locations

## Countries of recruitment

England

United Kingdom

## Study participating centre

Department of General Surgery

Reading

United Kingdom

RG1 5AN

# Sponsor information

## Organisation

Record Provided by the NHSTCT Register - 2007 Update - Department of Health

## Sponsor details

The Department of Health, Richmond House, 79 Whitehall

London

United Kingdom

SW1A 2NL

+44 (0)20 7307 2622

dhmail@doh.gsi.org.uk

## Sponsor type

Government

## Website

<http://www.dh.gov.uk/Home/fs/en>

# Funder(s)

## Funder type

Government

## Funder Name

Royal Berkshire NHS Foundation Trust (UK)

# Results and Publications

## Publication and dissemination plan

Not provided at time of registration

## Intention to publish date

## 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 | 01/05/2010   |            | Yes            | No              |