

# Sponge anaesthesia versus topical anaesthesia for subconjunctival antibiotics/steroid injections in Phacoemulsification + Implant Surgery Study

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<b>Registration date</b> 12/09/2003	<b>Overall study status</b> Completed	<input type="checkbox"/> Protocol
<b>Last Edited</b> 26/10/2015	<b>Condition category</b> Surgery	<input type="checkbox"/> Statistical analysis plan
		<input type="checkbox"/> Results
		<input type="checkbox"/> Individual participant data
		<input type="checkbox"/> 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

N0265122364

## Study information

### Scientific Title

# Sponge anaesthesia versus topical anaesthesia for subconjunctival antibiotics/steroid injections in Phacoemulsification + Implant Surgery Study

## Study objectives

Does the application of a pre-soaked oxybuprocaine swab on the conjunctiva reduce the pain of subconjunctival antibiotic/steroid injections more than topical oxybuprocaine alone?

## 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

Surgery: Anaesthesia

## Interventions

Prospective randomised control study of patients undergoing phacoemulsification and implant under topical anaesthesia at Sandwell and West Birmingham NHS Trust and University Hospital NHS Trust. Informed consent to be obtained from the patient before the operation.

They will be randomised into two groups:

Group 1 will have a pre-soaked oxybuprocaine sponge placed in the inferior conjunctival fornix at the beginning of the procedure.

Group 2 will have a saline soaked sponge.

Both groups having routine topical anaesthesia for cataract surgery. The patient will be advised before the injection of the subconjunctival antibiotic injection. 1 ml of cefuroxime /betamethasone (this is a routine preparation done on the completion of cataract surgery) will be given into the inferior conjunctival fornix.

The pain assessment will be assessed immediately after the operation by the patient and an independent observer. This will be done with the 0-10 visual analogue scale. The surgeon will also fill in a separate form regarding surgical time. We will then analyse the two groups to determine if a pre-soaked sponge of oxybuprocaine gives more pain relief than a pre-soaked sponge with saline. Both arms of the study will receive a normal anaesthetic to reduce pain.

## Intervention Type

Drug

## Phase

Not Applicable

**Drug/device/biological/vaccine name(s)**

Oxybuprocaine

**Primary outcome(s)**

Not provided at time of registration

**Key secondary outcome(s)**

Not provided at time of registration

**Completion date**

16/07/2008

## Eligibility

**Key inclusion criteria**

To enroll 100 patients over 6 months

**Participant type(s)**

Patient

**Healthy volunteers allowed**

No

**Age group**

Not Specified

**Sex**

Not Specified

**Key exclusion criteria**

Not provided at time of registration

**Date of first enrolment**

16/01/2003

**Date of final enrolment**

16/07/2008

## Locations

**Countries of recruitment**

United Kingdom

England

**Study participating centre**

**Selly Oak Hospital**  
Birmingham  
United Kingdom  
B29 6JD

## Sponsor information

**Organisation**  
Department of Health (UK)

## Funder(s)

**Funder type**  
Government

**Funder Name**  
University Hospital Birmingham NHS Trust (UK)

## 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="#">Participant information sheet</a>	Participant information sheet	11/11/2025	11/11/2025	No	Yes