

# A randomised, controlled pilot study to compare the effect of preoperative binaural beat audio with patient-selected music on subsequent anaesthetic drug requirements

<b>Submission date</b> 29/09/2006	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
<b>Registration date</b> 29/09/2006	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
<b>Last Edited</b> 17/03/2009	<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

Dr D Laws

### Contact details

Department of Anaesthesia  
Sunderland Royal Hospital  
Kayll Road  
Sunderland  
United Kingdom  
SR4 7TP

## Additional identifiers

### Protocol serial number

N0065166490

## Study information

Scientific Title

**Study objectives**

A pilot study to compare the doses of anaesthetic required to induce anaesthesia in patients receiving day-case surgery who have listened to one of two types of audio during the preceding hour.

**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)**

Not Specified

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

Surgery: Anaesthesia

**Interventions**

Patients will be randomised to either listen to their own music or binaural beat audio.

**Intervention Type**

Procedure/Surgery

**Phase**

Not Specified

**Primary outcome(s)**

The study will compare the effect of preoperative binaural beat audio with patient-selected music on the amount of propofol required to achieve a BIS score of 50.

**Key secondary outcome(s)**

Not provided at time of registration

**Completion date**

31/05/2006

**Eligibility****Key inclusion criteria**

Adults receiving general anaesthesia for day case surgery at Sunderland General Hospital.

**Participant type(s)**

Patient

**Healthy volunteers allowed**

No

**Age group**

Adult

**Sex**

Not Specified

**Key exclusion criteria**

1. Patients under 16 years old
2. Patients arriving to the Day Unit within one hour of surgery (logistical exclusion)

**Date of first enrolment**

01/11/2005

**Date of final enrolment**

31/05/2006

## Locations

**Countries of recruitment**

United Kingdom

England

**Study participating centre**

**Department of Anaesthesia**

Sunderland

United Kingdom

SR4 7TP

## Sponsor information

**Organisation**

Record Provided by the NHSTCT Register - 2006 Update - Department of Health

## Funder(s)

**Funder type**

Government

**Funder Name**

City Hospitals Sunderland NHS Foundation Trust (UK), NHS R&D Support Funding

## 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	01/09/2005		Yes	No