

# Comparison of the effect of Aqualase and Phacoemulsification Cataract Surgery on Corneal Endothelium

<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> 11/05/2009	<b>Condition category</b> Eye Diseases	<input type="checkbox"/> Individual participant data

**Plain English summary of protocol**  
Not provided at time of registration

## Contact information

**Type(s)**  
Scientific

**Contact name**  
Mr Laurence Whitefield

**Contact details**  
Queen Mary's Sidcup NHS Trust  
Sidcup  
United Kingdom  
DA14 6LT

## Additional identifiers

**EudraCT/CTIS number**

**IRAS number**

**ClinicalTrials.gov number**

**Secondary identifying numbers**  
N0533171160

## Study information

## **Scientific Title**

### **Study objectives**

To determine any potential difference in effect on corneal endothelial cell loss between two methods for removing cataracts: aqualase and phacoemulsification.

### **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

### **Secondary study design**

Randomised controlled trial

### **Study setting(s)**

Not specified

### **Study type(s)**

Not Specified

## **Participant information sheet**

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

Eye Diseases: Cataract

### **Interventions**

1. Aqualase
2. Phacoemulsification

### **Intervention Type**

Other

### **Phase**

Not Specified

### **Primary outcome measure**

Corneal endothelial cell counts and coefficient of variation of cell size

### **Secondary outcome measures**

Not provided at time of registration

### **Overall study start date**

01/10/2005

**Completion date**

01/10/2006

## Eligibility

**Key inclusion criteria**

Patients who have requested removal of soft to moderately dense cataracts.

**Participant type(s)**

Patient

**Age group**

Not Specified

**Sex**

Not Specified

**Target number of participants**

100

**Key exclusion criteria**

1. Ocular co-morbidity resulting in anterior segment pathology
2. Previous intra-ocular inflammation
3. Raised intra-ocular pressure
4. Previous intra-ocular surgery

**Date of first enrolment**

01/10/2005

**Date of final enrolment**

01/10/2006

## Locations

**Countries of recruitment**

England

United Kingdom

**Study participating centre**

Queen Mary's Sidcup NHS Trust

Sidcup

United Kingdom

DA14 6LT

# Sponsor information

## Organisation

Record Provided by the NHSTCT Register - 2006 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

Queen Mary's Sidcup NHS 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	01/06/2008		Yes	No

