

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

Submission date 29/09/2006	Recruitment status No longer recruiting	☐ Prospectively registered ☐ Protocol
Registration date 29/09/2006	Overall study status Completed	☐ Statistical analysis plan ☒ Results
Last Edited 11/05/2009	Condition category Eye Diseases	☐ 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
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

Study type(s)

Not Specified

Health condition(s) or problem(s) studied

Eye Diseases: Cataract

Interventions

1. Aqualase
2. Phacoemulsification

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

Corneal endothelial cell counts and coefficient of variation of cell size

Key secondary outcome(s)

Not provided at time of registration

Completion date

01/10/2006

Eligibility

Key inclusion criteria

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

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Not Specified

Sex

Not Specified

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**

United Kingdom

England

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

Funder(s)**Funder type**

Government

Funder Name

Queen Mary's Sidcup 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?
Results article	results	01/06/2008		Yes	No