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

Submission date Recruitment status Prospectively registered 29/09/2006 No longer recruiting [] Protocol Statistical analysis plan Registration date Overall study status 29/09/2006 Completed [X] Results Individual participant data **Condition category** Last Edited 11/05/2009 **Eve Diseases**

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

Mr Laurence Whitefield

Contact details

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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

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