ISRCTN57578476 https://doi.org/10.1186/ISRCTN57578476

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 [_] Statistical analysis plan [X] Results [_] Individual participant data
Registration date 29/09/2006	**Overall study status** Completed	
Last Edited 11/05/2009	**Condition category** Eye Diseases	

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

Primary study design
Interventional

Study design
Randomised controlled trial

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