

Viscogonioplasty in narrow angle glaucoma

Submission date 08/02/2010	Recruitment status No longer recruiting	☐ Prospectively registered ☐ Protocol
Registration date 14/04/2010	Overall study status Completed	☐ Statistical analysis plan ☒ Results
Last Edited 15/07/2013	Condition category Eye Diseases	☐ Individual participant data

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

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Additional identifiers

Protocol serial number

SLREC: 05/Q0904/111

Study information

Scientific Title

Evaluation of efficacy and safety of viscogonioplasty in narrow angle glaucoma: a randomised single blind single centre controlled trial

Study objectives

Viscogonioplasty combined with cataract surgery in patients with narrow angle glaucoma will have a greater effect on intraocular pressure than cataract surgery alone.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Sunderland local research ethics committee (LREC) approved on the 21st February 2006 (ref: 05/Q0904/111)

Primary study design

Interventional

Study design

Randomised single centre single-blind controlled trial

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Narrow angle glaucoma

Interventions

Cataract surgery combined with viscogonioplasty or cataract surgery alone. Follow-up of the patients intraocular pressure was for 12 months post-operation with a clinic visit at 3, 6 and 12 months.

Intervention Type

Other

Phase

Not Applicable

Primary outcome(s)

Intraocular pressure lowering following cataract surgery and viscogonioplasty versus cataract surgery alone, measured at 12 months

Key secondary outcome(s)

1. Opening of drainage angle when examined on gonioscopy, measured at 12 months
2. Complications following viscogonioplasty, measured immediately following surgery

Completion date

01/02/2007

Eligibility**Key inclusion criteria**

1. Patients with evidence of glaucoma, presence of a narrow drainage angle defined as:
 - 1.1. Less than 90 degrees of the trabecular meshwork visible on gonioscopy
 - 1.2. Previous patent laser peripheral iridotomy
 - 1.3. Presence of cataract
2. Any age, any gender

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Other

Sex

All

Key exclusion criteria

1. Plateau iris syndrome
2. Other glaucomas
3. Previous glaucoma surgery
4. History of ocular injury
5. Participation in any other glaucoma research

Date of first enrolment

01/02/2006

Date of final enrolment

01/02/2007

Locations**Countries of recruitment**

United Kingdom

England

Study participating centre

Sunderland Eye Infirmary

Sunderland

United Kingdom

SR2 9HP

Sponsor information**Organisation**

City Hospitals Sunderland NHS Foundation Trust (UK)

Funder(s)

Funder type

Hospital/treatment centre

Funder Name

Sunderland Eye Infirmary (UK) - covered incidental costs

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	08/12/2010		Yes	No