

A randomised prospective study to evaluate laser peripheral iridotomy with YAG laser against sequential argon-YAG laser in dark irides

Submission date 28/09/2007	Recruitment status No longer recruiting	☐ Prospectively registered ☐ Protocol
Registration date 28/09/2007	Overall study status Completed	☐ Statistical analysis plan ☒ Results
Last Edited 12/10/2017	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

Mr Julian DeSilva

Contact details

Moorfields Eye Hospital
162 City Road
London
United Kingdom
EC1V 2PD

Additional identifiers

Protocol serial number

N0141184531

Study information

Scientific Title

A randomised prospective study to evaluate laser peripheral iridotomy with YAG laser against sequential argon-YAG laser in dark irides

Study objectives

To identify the advantages of combined argon-YAG laser iridotomy versus YAG laser alone, in patients of darkly pigmented irides.

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)

Treatment

Health condition(s) or problem(s) studied

Eye Diseases: Pigmentation disorders

Interventions

1. Pure YAG laser
2. Argon-YAG Laser

Intervention Type

Procedure/Surgery

Primary outcome(s)

Total YAG laser power utilised

Key secondary outcome(s))

1. Complications (iris haemorrhage, elevated intraocular pressure, intraocular inflammation, focal corneal opacity)
2. Patency of laser iridotomy after single treatment
3. Cost implications of 2 laser treatments versus need for failed iridotomy requiring a second treatment

Completion date

22/01/2007

Eligibility**Key inclusion criteria**

1. Require iridotomy in both eyes
2. Informed consent available
3. Can follow up after 3 months
4. Dark irides

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Not Specified

Sex

Not Specified

Key exclusion criteria

1. Previous failed laser iridotomy
2. History of previous intraocular pathology affecting iris morphology
3. Patients with only 1 functional eye or previous ACG
4. Patients with advanced glaucoma
5. Patients medically unfit for laser treatment

Date of first enrolment

23/08/2006

Date of final enrolment

22/01/2007

Locations**Countries of recruitment**

United Kingdom

England

Study participating centre

Moorfields Eye Hospital

London

United Kingdom

EC1V 2PD

Sponsor information**Organisation**

Record Provided by the NHSTCT Register - 2007 Update - Department of Health

Funder(s)

Funder type

Government

Funder Name

Moorfields Eye Hospital NHS Foundation Trust (UK), NHS R&D Support Funding

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	01/02/2012		Yes	No