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Comparative evaluation of diode laser versus argon laser photocoagulation in patients with central serous retinopathy: a pilot, randomised controlled trial

Submission date
04/10/2004

Recruitment status
No longer recruiting

Registration date
05/10/2004

Overall study status
Completed

Last Edited
07/08/2007

Condition category
Eye Diseases

[_] Prospectively registered
[_] Protocol
[_] Statistical analysis plan
[X] Results
[_] 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

Study information

Scientific Title

Study objectives

Central Serous Retinopathy (CSR) is a retinal disorder affecting young adults, characterized clinically by a well-defined, translucent, circumscribed detachment of neurosensory retina at the posterior pole, usually involving the macula. The detachment results from accumulation of transparent fluid in the potential space between retinal pigment epithelial layer and the neurosensory retina.

Hypothesis:
To evaluate the efficacy of diode laser photocoagulation in patients with central serous retinopathy (CSR) and to compare it with the effects of argon green laser.

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
Central Serous Retinopathy (CSR)

Interventions
1. Diode Laser photocoagulation
2. Argon green laser photocoagulation
3. Fluorescein Angiography

Intervention Type
Other

Phase
Not Specified

Primary outcome(s)
Not provided at time of registration

Key secondary outcome(s))
Not provided at time of registration

Completion date
01/06/2000

Eligibility

Key inclusion criteria
Patients of unilateral type 1 CSR

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Not Specified

Sex
Not Specified

Key exclusion criteria
Not provided at time of registration

Date of first enrolment
01/01/1998

Date of final enrolment
01/06/2000

Locations

Countries of recruitment
India

Study participating centre
E- 18, Hudco palace
New Delhi
India
110049

Sponsor information

Organisation
All-India Institute of Medical Sciences (AIIMS) (India)

ROR
https://ror.org/02dwcqs71

Funder(s)

Funder type
Research organisation

Funder Name
All-India Institute of Medical Sciences (AIIMS) (India)

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	29/10/2004		Yes	No