

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

<b>Submission date</b> 04/10/2004	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
<b>Registration date</b> 05/10/2004	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
<b>Last Edited</b> 07/08/2007	<b>Condition category</b> Eye Diseases	<input type="checkbox"/> 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

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers

N/A

## 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

### Secondary study design

Randomised controlled trial

### Study setting(s)

Not specified

### Study type(s)

Treatment

### Participant information sheet

### 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 measure**

Not provided at time of registration

**Secondary outcome measures**

Not provided at time of registration

**Overall study start date**

01/01/1998

**Completion date**

01/06/2000

**Eligibility**

**Key inclusion criteria**

Patients of unilateral type 1 CSR

**Participant type(s)**

Patient

**Age group**

Not Specified

**Sex**

Not Specified

**Target number of participants**

30

**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  
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## **Sponsor information**

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

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**Sponsor type**  
Research organisation

**ROR**  
<https://ror.org/02dwcqs71>

## **Funder(s)**

**Funder type**  
Research organisation

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

## **Results and Publications**

**Publication and dissemination plan**  
Not provided at time of registration

**Intention to publish date**

**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?
<a href="#">Results article</a>	Results	29/10/2004		Yes	No