

# Selective Laser Trabeculoplasty for Primary Angle-Closure Glaucoma: a pilot case study

<b>Submission date</b> 05/05/2006	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
<b>Registration date</b> 03/07/2006	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan <input type="checkbox"/> Results
<b>Last Edited</b> 11/08/2008	<b>Condition category</b> Eye Diseases	<input type="checkbox"/> Individual participant data <input type="checkbox"/> Record updated in last year

**Plain English summary of protocol**  
Not provided at time of registration

## Contact information

**Type(s)**  
Scientific

**Contact name**  
Prof Michael Belkin

**Contact details**  
Goldschleger Eye Research Institute  
Tel Aviv University  
Sheba Medical Center  
Tel Hashomer  
Israel  
52621

## Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

**Secondary identifying numbers**  
N/A

## Study information

## **Scientific Title**

### **Acronym**

SLT for PACG Study

### **Study objectives**

To determine whether selective laser trabeculoplasty (SLT) using a Q-switched frequency doubled neodymium-doped yttrium aluminium garnet (Nd:YAG) laser is effective in lowering intraocular pressure in patients with primary angle-closure glaucoma (PACG).

### **Ethics approval required**

Old ethics approval format

### **Ethics approval(s)**

Ethics approval received from:

1. Singapore Eye Research Institute (SERI-Singapore) (Ref: R424/19/2005) dated 27/10/2005
2. United Christian Hospital (Hong Kong) (Ref: KC/KE05-0073/FR-3) dated on 15/06/2005

Other ethics approval from Chulalongkorn University and Hospital (Thailand), St. Luke's Medical Centre (Philippines) and National University Hospital (Singapore).

### **Study design**

Prospective, observational, uncontrolled, non-comparative study

### **Primary study design**

Observational

### **Secondary study design**

Cohort study

### **Study setting(s)**

Not specified

### **Study type(s)**

Treatment

### **Participant information sheet**

### **Health condition(s) or problem(s) studied**

Primary angle-closure glaucoma

### **Interventions**

Selective laser trabeculoplasty (SLT)

### **Intervention Type**

Other

### **Phase**

Not Specified

**Primary outcome measure**

Intraocular pressure (IOP) at regular intervals of follow-up with the final IOP being measured at six months after the last treatment. Successful outcome defined as greater or equal to 20% reduction in IOP from pre-laser levels.

**Secondary outcome measures**

IOP measured on other eye if both eyes are eligible for the study.

**Overall study start date**

01/07/2005

**Completion date**

01/07/2006

## Eligibility

**Key inclusion criteria**

1. PACG
2. Intraocular pressure 21 - 28 mmHg on one or more topical medicine in presence of patent iridotomy
3. At least two months since last iridotomy
4. Aged over 21 years old

**Participant type(s)**

Patient

**Age group**

Adult

**Sex**

Both

**Target number of participants**

150

**Key exclusion criteria**

1. Secondary causes of angle-closure
2. Corneal abnormalities
3. Advanced glaucomatous optic neuropathy
4. Patient blind in one eye

**Date of first enrolment**

01/07/2005

**Date of final enrolment**

01/07/2006

## Locations

**Countries of recruitment**

Hong Kong

Israel

Philippines

Singapore

Thailand

**Study participating centre**  
**Goldschleger Eye Research Institute**  
Tel Hashomer  
Israel  
52621

## **Sponsor information**

**Organisation**  
Ellex Medical Pty. Ltd. (Australia)

**Sponsor details**  
82 Gilbert Street  
Adelaide, SA  
Australia  
5000

**Sponsor type**  
Industry

**Website**  
<http://www.ellex.com>

## **Funder(s)**

**Funder type**  
Industry

**Funder Name**  
Ellex Medical Pty Ltd (Australia)

# 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