

# Early Result of Micro Pulse Cyclophotocoagulation in Glaucoma Cases Resistant to Medication

**Please Note: Schedule and room assignment are subject to change.**

*Presented During:* Glaucoma E-Poster Pod Session I

**Sun. 17 June 2018: 14:24 - 14:32**

**E-Poster Pod**

Hall 6

Pod 4

## **Description**

**PURPOSE:** To evaluate the efficacy and safety the use of micropulse transscleral cyclophotocoagulation (MP-TSCPC) in glaucoma cases resistant to max tolerable medical therapy

## **Materials / Patients and Methods**

**METHODS:** Retrospectively evaluating Micro pulse TSCPC (MP-TSCPC; IRIDEX, CYCLO G6 Glaucoma Laser System, Mountain View, CA) of 10 eyes resistant to maximal tolerable medical glaucoma therapy

demographic information, glaucoma type, surgical details (laser setting and duration), preoperative and post-operative data including intraocular pressure (1week,1 month and every 3 months), number of medication, post-operative complications.

patients with various types of glaucoma and varying past ocular histories are included

## **Conclusions**

**RESULTS:** average age of the study sample was 57.2 Y range from 46-80 year, the type of glaucoma included POAG (3), chronic angle closure glaucoma (3), pseudophakic glaucoma (2) and neovascular glaucoma (2). average preoperative IOP was 25.2 mmhg range from (16-44) and average medication usage was 3.2 medications, 1st week post operatively average IOP 17mmhg range from (7 – 30) with 1.2 average medication usage, after 1 month the average IOP was 19.8 with 1.8 average medication usage finally after 3 months follow up average IOP was 20.9 with 2.1 average medication usage.

1 patient represent with persistent hypotony and dilated pupil for 3 months, all patients show insignificant anterior chamber reaction for the 1st few days after surgery

**CONCLUSIONS:** micropulse transscleral cyclophotocoagulation (MP-TSCPC) show efficacy and safety for patient resistant to medical therapy for 3 months' post-surgery although Longer follow-up will be essential to determine the long term efficacy of MP-TSCPC

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## **Category**

Glaucoma

**Language**  
English