

# 17<sup>th</sup> GLOBAL OPHTHALMOLOGY, GLAUCOMA AND OPTOMETRY CONFERENCE

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## Secondary glaucoma in uveitis: Can incidence be reduced?

Sanjoy Chowdhury

Bokaro General Hospital, India

**Background:** Secondary Glaucoma, due to disease or drugs is common in uveitis.

**Purpose:** To evaluate prevalence of secondary glaucoma (SG) in uveitis with different treatment regimen.

**Methods:** Randomised prospective hospital based study of uveitis from 2007-2012. Baseline IOP, Field and optic nerve head photographs were recorded. Three groups were randomised: (1) topical steroid, (2) Systemic steroid+gr-1 and (3) Topical synthetic steroids, cycloplegic and periorbital triamcinolone injection. IOP more than 22 mm/4mm increase from baseline is marker.

**Results:** 1254 uveitis cases, prevalence rate 63/100000 and 82 SG, 70% in anterior uveitis. During treatment, SG was maximum (80%) in first group and least (5%) with synthetic steroid combined with periorbital triamcinolone. Multi variate analysis shows synthetic steroid and periorbital triamcinolone has least association with SG.

**Conclusion:** SG is an underappreciated visual threat in uveitis which can be modulated effectively with newer steroids.

## Biography

Sanjoy Chowdhury is an honors graduate of Calcutta Medical college (MBBS: 1987), who trained in Ophthalmology at the university of Aligarh, receiving postgraduate "diploma "with university Gold Medal (DO:1990) and at the University of Delhi, India to bag the Master's degree (MS:1993). He is a "Diplomat of National Board of Examinations (1992)" and is a very experienced micro surgeon with special interest in Squint and Community Ophthalmology mainly Leprosy & eye injury. Beyond Eye: Jawhar award, best Innovative manager in 2011 and 2013 of Bokaro steel /SAIL& Best male speaker of AISMOC (SAIL/Bokaro), Joint Director (Medical & health services, SAIL/Bokaro). Head of ophthalmology department, Bokaro general hospital (ISO certified multispecialty 910 bedded hospital).

drsanjoy@hotmail.com

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