

5<sup>th</sup> International Conference on  
**Clinical & Experimental Ophthalmology**  
August 04-06, 2015 Valencia, Spain

**Use of new technologies and techniques in glaucoma with vulnerable optic disc**

**Shahid Wahab**

Dow University of Health Sciences, Pakistan

End stage glaucoma patients are being neglected while using new technologies and technique in Ophthalmology. In this presentation the importance of issues are highlighted while using new methods and technologies. In Phacoemulsification and Vitrectomy new machines are working on high vacuum and high flow rate where bottle height is raised. In expendable gases IOP is raised unpredictably. Silicon oil can cause damage while doing surgery or post-operatively. It is known that after YAG laser IOP is raised, but proper protocol is not followed in many centers. During flap formation in Lasik IOP is raised up to 80 mm or more. Now new technologies are being explored to avoid flap formation. Certain Yoga positions are not advised since those positions increase IOP. Intra ocular pressure is doubled during robotic prostatectomy surgery which may take more than two hours. Retained viscoelastics after cataract surgery is known cause of raised IOP. Tight collar or wearing constrictive clothing around the neck can trigger raised IOP intermittently. Poor perfusion for any reason has serious effects. Pressure variations are discussed with recommendations.

**Biography**

Shahid Wahab is a Professor & Chairman Eye Department Dow University of Health Sciences Karachi, since 2005. There are many international, oral & video presentations to his credit. He is Editor in Chief of *Pakistan Journal of Ophthalmology* & on the Editorial Board of Ophthalmic Journals. He has been awarded highest Presidential award for excellence. He is regional secretary SAARC academy of Ophthalmology. He has innovated new instruments & techniques. His main interest is in vitreoretinal & is involved in training program. He has developed second sub-speciality fellowship in vitreoretina for which he is examiner at College of Physician & Surgeons Pakistan.

[shahidwshaikh@gmail.com](mailto:shahidwshaikh@gmail.com)

**Notes:**