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Pearls of gonioscopy

Gonioscopy or study of the angle of the anterior chamber forms an important part of glaucoma diagnosis and management. This presentation aims to put forward the salient features of gonioscopy and methods of performing the same. The angle of the anterior chamber does not allow direct visualization due to total internal reflection. Use of a gonioscope allows us to overcome this and visualize the angle. Different types of gonioscopes are in use to aid in diagnosis and management. Those can be classified as direct and indirect. Direct goniolenses are: Koeppe and Swan Jacob; and indirect goniolenses are Goldmann and Zeiss. It has both diagnostic and surgical uses. The angle has been graded according to the structure visible on gonioscopy and help to manage glaucoma. There are various methods of grading angle width. Identification of angle structures like: Schwalbe's line, trabecular, Schlemm's canal, sclera spur and ciliary body are important. Indentation gonioscopy is very important aspect by which potential angle closure glaucoma patients can be identified. Recording the various findings and use of imaging camera devices are now available. Thus, gonioscopy is an important tool in management of diagnosis and management of glaucoma.

Biography

Ashok Kumar M has completed his MBBS in 1994 from Sri Ramachandra Medical College, Chennai, Tamil Nadu Dr. MGR Medical University. He obtained Diploma in Ophthalmology (2001 – 2003) from Regional Institute of Ophthalmology, Madras Medical College, Chennai and a Diploma from National Board New Delhi during 2003 – 2007. He is a Fellow of International Council of Ophthalmology and fellow of Royal College of Physicians and Surgeons (Glasgow) 2007. He has presented his work at Navkar I Care, India & state conferences and received many awards. He has also delivered many lectures various conferences being a guest faculty.

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