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Interpretation of automated perimetry

Current Gold standard in visual field testing is automated perimetry. Automated perimetry is helpful in detecting visual field defects in many neurological conditions and is an indispensable tool in glaucoma diagnosis. Although it has been around for quite some time now and with the advent of OCT, HRT and GDx the focus has shifted to preperimetric Glaucoma, but its value as a diagnostic tool in detection and progression of Glaucoma cannot be underrated. There are two types of perimeters worldwide Humphry and Octopus. Out of this Humphry perimeter is by far the most commonly used, hence here in this course we will be dealing with interpretation of a Humphry field analyzer printout. We will deal with the various aspects of visual field analysis like proper way of conducting the exam, common pitfalls and also the about fallacies in reading the printout. At the end of this course, the student will be able to have a basic understanding about automated perimetry and will be able to make interpretations regarding diagnosis and progression of glaucoma.

Biography

Rajender Singh Chauhan completed his MS in Ophthalmology in 1990 from Medical College Rohtak. He joined PGI of Medical Sciences, Rohtak in 1993 and continued as Consultant till date. He has undergone training in LVPEI Hyderabad, Dr. R P Centre, AIIMS, New Delhi and Dudlay Hospital Birmingham, UK. He had been actively involved in teaching in PGIMS Rohtak and Oman Medical College. He is Postgraduate teacher since 1998 and guided many MS student and DNB students. He has attended many international and national conferences and had chaired many sessions and conducted instruction courses in SICS. He has plenty of publications and presentations to his credit. He is presentably working as Professor in Regional Institute of Ophthalmology in PGIMS Rohtak.

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