Role of Ganglion Cell Complex (GCC) in Evaluation of Glaucoma

BY

Azza Ismaiel Sedkey, M.D. Consultant of Ophthalmology Cairo University



 Loss of the retinal ganglion cells and their axons is known to occur in the posterior pole, where these cells may constitute 30% to 35% of the retinal thickness in the macular region

Zeimer et al., 1998

 Approximately 50% of retinal ganglion cells are located in the macular region 4 to 5 mm from the center of the fovea with the peak density occurring 750 to 1100 µm from the foveal center where the cell density may be 4 to 6 cell bodies thick

> Wässle H et al., 1989 Curcio CA et al., 1990































































