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Comparison of the variation in stereoscopic vertical cup disc ratio examination with 90 D lens vs. cirrus SD-OCT**Shakun Gupta, Jyoti Gupta, Shweta Tripathi and Alka Gupta**
Indira Gandhi Eye Hospital & Research Centre Lucknow, India**Aim:** To compare the variation in stereoscopic vertical cup disc ratio examination with 90 D lens vs. Cirrus SD-OCT.**Material & Methods:** This is a retrospective study of all cases in which Cirrus SD-OCT was done for glaucomatous disc evaluation in the month of January 2016 and examined by single experienced glaucoma specialist. It includes 94 eyes of 49 patients (4 patients were one eyed). Difference of vertical cup disc ratio between 90 D and cirrus SD-OCT was noted, values less than 0.1 were considered as comparable while the values more than or equal to 0.1 were considered as non-comparable.**Results:** Age of the patients was 44.26 ± 17.89 years (mean \pm SD). Out of 49 patients, 65.31% (32) were males and 34.69% (17) were females. Vertical cup disc ratio was comparable in 92.55% (87) and found to be non-comparable in 7.45% (7) of eyes with Cirrus SD-OCT.**Conclusion:** Stereoscopic vertical cup disc ratio examination with 90 D lens was found to be comparable with Cirrus SD-OCT in majority of the cases. However, OCT overestimates vertical CD ratio in few cases.

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