

R1 R2 R3 PG0 PG1 Estagiário Tecnólogo
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Preliminary evaluation of disc evaluation with HRT II

Leonardo R. Fasolo, Rodrigo A. B. Fernandes, Rogério M. Silva, Aline S. Barbosa, Augusto Paranhos JR, João Antonio Prata Jr. Introduction: To evaluate the diagnostic value of HRT in glaucomatous and normal subjects. Material and methods: 20 glaucomatous (primary open angle glaucoma) and 21 normal patients were studied. Sensitivity and specificity were calculated. The indices of cup volume and cup/disc area ratio were compared statistically between groups. Results: HRT showed a sensitivity of 45% and a specificity of 100%. Comparison of cup volume and cup/disc area ratio were both statistically significant (mean glaucomatous CV= $0,13\pm 0,1$ and $0,46\pm 0,45$ for normals, $p=0,0084$)(mean normal CDAR = $0,275\pm 0,11$ and $0,45\pm 0,22$ in glaucomatous patients $p=0,0038$). Conclusion: HRT is excellent to confirm normality, but has difficulty in detecting glaucoma.