

R1 R2 R3 PG0 PG1 Estagiário Tecnólogo
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Service (sector) GlaucomaNº CEP

FDT MATRIXâ LEARNING SKILLS: COMPARING SCREENING TEST AND FULL THRESHOLD TEST

AUTHORS: PUERTAS, Renata A.A.; LOBO, Rodrigo A.B.; MAYNART, Ivan; PARANHOS Jr, Augusto. **PURPOSE:** To evaluate the accuracy of the FDT 30-2 screening test as a learning device to enhance the confiability index of the following FDT 30-2 full-threshold tests. **METHODS:** Patients of the Glaucoma Section of the Federal University of São Paulo (UNIFESP) in investigation for glaucoma, without final diagnosis,. These patients where tested to evaluate the learning curb regarding the FDT Matrixâ . Best corrected visual acuity (VA) measurement, biomicroscopy exam, fundoscopy with 78DP and 20DP lenses were performed. The intra-ocular pressure (Po) was performed with Goldmann tonometer. In order to determine this effect, the authors devided the patients into two groups: Group A – Three sequential Full Threshold tests. Group B – Screening, followed by two Full Threshold tests. Both of the groups had to wait 20 to 30 minutes between the tests. To study the learning effect, the Mean Deviation (MD) compared between the two groups. **RESULTS:** There were 8 males and 22 females in the study and half were submitted in Group A and the other half in group B. The most comom VA measured was 20/20 in either OD and OS. The mean disc/cup ratio was 0,6 in both eyes and the mean Po was 18,25 mmHg in Od and 18,5 mmHg in OS. Comparing de mean MD2 (second exam) and the mean MD3 (third exam) of Group A, there was an improvement of 6.6%. The exact same thing happened to Group B, showing an improvement of 11.1%. **Conclusions:** There was a learning curb of all patients and the screening tests do help patients to learn the exam and to improve their skills for further exams.