

R1 R2 R3 PG0 PG1 Estagiário Tecnólogo
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Service (sector) Cataract - REFRACTIVE SURGERY N° CEP

Pre and post operation evaluation of visual quality, on patients subject to LASIK through VQF25 questionnaire:

Purpose: Compare visual alterations on patients subject to LASIK through VQF25 questionnaire. Methods: 30 patients subject to LASIK were evaluated within the period of Sept. 10, 2003 to Nov.30, 2003. Patients were selected according to their initial ametropia through pre operation exams such as cycloplegic refraction, corneal topography, pachymetry and indirect ophthalmoscopy. All patients were operated by the same surgeon using microkeratome MORIA M2 with standard ZO of 6 mm and ZT of 7.4 mm. The laser used was NIDEK EC 5000, which controls local temperature and humidity. The VQF 25 questionnaires were filled on the pre operation phase and on 30 PO, being the information compared and analyzed. All patients were informed about the aim of the research and have signed a term of agreement. Results: Analyzing and comparing information on VQF 25, we can conclude that 28 patients (84 %) do not present any relevant alteration due to visual quality, even in low density lighted places. The 2 remaining patients (16 %) complained mostly to visual worsen in low density lighted places as well as a discomfort and a dry eye sensation. All patients reached better vision with pre operatory correction. There was no loss of line in any of the operated eyes. Conclusions: Despite the reduced sample and the little time, VQF 25 has proven to be a very accurate and reliable way to estimate visual alterations in patients submitted to LASIK.