

R1 R2 R3 PG0 PG1 Estagiário Tecnólogo PIBIC

Last Name - Suzuki

First Name - Cássia

Middle - Regina

Service (sector)

Retina and Vitreous

Nº CEP

Retinal peripheral changes after LASIK.

Suzuki, C.R.; Farah, M.E.

Purpose: To ascertain retinal peripheral changes after LASIK in high myopic patients.

Methods: We performed binocular indirect ophthalmoscopy with scleral indentation and fundus biomicroscopy with Goldmann lens in 69 high myopic eyes (spherical equivalent >6,00 dioptries) before LASIK, and 1, 3 and 6 months after the surgery. Prophylactic treatment is supposed to be done in either recent ruptures or symptomatic lesions.

Results: We examined 24 eyes without peripheral changes, and all of them remained without alterations after LASIK. Of the remaining 45 eyes, 24.6% had cystic degeneration, 20.3% had lattice degeneration, 15.9% had white without pressure, 0.7% had cystic tuft, 0.4% had paving stones, 0.3% had pigmentary degeneration, and 0.3% had holes. The only alteration after the surgery was the detection of almost punctiform holes around the previous cystic tuft 1 month after the surgery in only 1 patient. None of them had retinal detachment.

Conclusion: In this group of patients it appears that LASIK seems to be a safe procedure to the retina periphery even in highly myopic eyes with symptomatic pre existing peripheral lesions