

R1 R2 R3 PG0 PG1 Estagiário Tecnólogo
PIBIC Last Name - Zampar First Name - Helaine Middle - Vinche

Service (sector) Refractive Surgery N° CEP

**Prospective and Comparative Study about dry eye syndrome pos
Keratomileusis in situ (LASIK) using two different microkeratomes with
LADAR Wave System**

Zampar, Helaine; Campos, Mauro

Purpose: To establish the incidence and severity of dry eye following Lasik and how the degree of such can be correlated to hinge placement within the cornea. Methods. A total of 24 patients will undergo Lasik with nasal hinge on one eye and a superior hinge on the other. The selection of which eye will undergo each hinge type will be determined at random. Tear secretion will be monitored and measure through a Schirmer tear test with anesthesia on each eye. We used SKBM and Moriá microkeratomo Results: •It was significant difference between superior and nasal surgery about flap wide and hinge size. : It did not find statistical differences about Shirmer test between superior and nasal techniques. Superior Hinge $-2.82 + 3.10$, Nasal Hinge $-2.92 + 3.19$ Conclusion: We did not find statistical significance differences about Shirmer test in any time of this study (1 day, 1 week, 1, 3 and 6 months): -if consider just superior technique or nasal technique., and comparing the superior and nasal technique in the same time.