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Service (sector) Cornea and External Disease N° CEP

**Quality Life Analysis of Pterygium Surgical Treatment** Kara José FC, Cariello AJ, Junior JBB and Freitas D.

Purpose: to evaluate the life quality of patients with pterygium after surgical excision. Methods: Patients with clinical diagnosis of pterygium undergoing surgical treatment were asked to answer a questionnaire composed of 20 questions about life quality. The format was based on SF-36 quality life questionnaire and fit to the characteristics of pterygium lesion and to the social and economic aspects of target population. Patients were invited to answer again the same questionnaire two months after surgical procedure.

Results: 22 patients were included in the study. Sixty percent of them were male. Age ranged from 27 to 67 years old (average 48,86). Before surgery, twenty-one patients (95%) showed episodes of discomfort, such as pain, burning or itching in the eye and 20 of them (90%) reported hyperemia. Eighteen patients (81%) were uncomfortable with their inflamed and red eye appearance. Two months after surgery, 63% (14) of the patients still reported ocular hyperemia and 50% (11) showed episodes of discomfort, but most of them reported better symptoms. Ninety-five percent of the interviewers were satisfied with the results. Also sixteen people (72%) reported improvement of their visual acuity after surgery.

Conclusion: The symptoms of pterygium can cause a negative impact in the patient's everyday life and can be minimized with surgical excision of the lesion, vision improvement and patient's appearance