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Service (sector) Refractive Surgery N° CEP

The quality of life of 35 presbiopic patients fitted with Focus Progressive contact lenses.

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Purpose: To evaluate the quality of life of 35 presbiopic patients fitted with Focus Progressive contact lens.
Methods: Prospective study of 35 presbiopic patients, older than 40 years old and motivated to fit the disposable contact lens Focus Progressive. They were spontaneously referred to contact lenses section of UNIFESP. All patients underwent an ophthalmologic examination that included refraction, far and near visual acuity, contrast sensitivity test, applanation tonometry, keratometry and funduscopy. The criteria of inclusion were absence of ocular disease and near and far visual acuity better than J1 and 20/30 respectively, with the contact lenses and astigmatism less than 1.00D. The power of the contact lenses was determined according to the manufacturer. The Vision Function Questionnaire was answered before and 4 weeks after fitting the contact lens. The follow-up was done on the first and fourth weeks after fitting. Results: 5 patients were male (14.3%) and 30 were female (85.7%). The age ranged from 40 to 62 years old (mean 50.3). Myopia and myopic astigmatism were classified as myopic refractive error and hyperopia and hyperopic astigmatism were classified as hyperopic refractive error. Related to the refractive error, 10 were myopic (28.6%) and 25 were hyperopic (71.4%). Considering the addition: 15 patients (42.8%) were within 1.00D and 1.75D and 20 patients (57.2%) within 2.00D and 2.50D. The average score of the questionnaire with eyeglasses among the presbyopes was 3352 and with Focus Progressive 3396 (Wilcoxon; $p=0,65$). Considering each factor of the questionnaire, the score of far vision factor with Focus Progressive was significantly higher than with eyeglasses ($p=0,001$). The average score of the questionnaire with eyeglasses among the hyperopic group was 3355 and with Focus Progressive was 3430 (Wilcoxon; $p=0,89$). When the myopic group was analyzed, the difference of the overall score with eyeglasses and with the Focus Progressive was not statistically significant. Conclusion: The Focus Progressive contact lens did not decrease the presbyopes' quality of life, being an option to be fitted in well selected patients.