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E-PÔSTER

Título: Variability Effect on Computerized Perimetry Examination after Trifocal and Extended Depth of Focus Lenses Implantation

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Prospective study including 45 eyes from 27 patients, with indication of phacoemulsification with trifocal intraocular lens or extended depth of focus implant. All included patients underwent computerized perimetry before and at least 30 days after phacoemulsification surgery. The apparatus used was Humphrey HFA II 745 - Zeiss, using SITA Standard 24-2 strategy.

Results: All evaluated parameters: duration of the test, foveal threshold, mean deviation (MD), pattern standard deviation (PSD) and visual field index (VFI) did not show statistically significant alteration.

Conclusion: This study showed there were no changes in the parameters of the computerized perimetry after trifocal or extended depth of focus implantation in normal subjects. Further studies are needed to demonstrate long-term variation in the visual field of patients underwent trifocal or extended focus lens implants.