

# Diario del Congreso

Especial

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## OPTIFLEX TRIO - A study in 25 patients corroborates its quality

The Optiflex Trio lens, a diffractive-refractive intraocular lens, is a good alternative in refractive lens surgery thanks to its good performance. This is known by Dr. Carlos Lisa, from the Instituto Oftalmológico Fernández-Vega (Oviedo-Spain), who has carried out a study in a group of 25 patients (50 eyes) who were implanted with this trifocal lens. The inclusion criteria of the study were: age between 55 and 75 years, and axial length between 22.0 and 26.0 mm. Distance visual acuity, defocus curve, refractive results were analyzed, and the degree of satisfaction was determined by questionnaire. The performance of the lens was also analyzed through an evaluation in an optical bench.

The defocus curve of this lens shows good visual results with a VA greater than 0.9 from far to near focus (39 cm) and with good tolerance to small refractive errors.

The optical bench tests developed showed a parallelism with the functional and refractive results obtained in the patients. The MTF-TF (50cy/mm) shows the three typical peaks of these trifocal lenses with a predominance of the far focus in 4.5 mm pupils



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(50/25/25 distribution) and a predominance of the intermediate and near focus in 3mm pupils (40/30/30 distribution).

Although these results are encouraging, Dr. Lisa proposes further studies with a larger number of patients to confirm these good impressions.

The doctor also highlights the importance of performing a premium surgery in order to avoid complications in the short and long term and get the most out of the lens.

