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## Functional results in refractive clear lens extraction with implantation of multifocal ReSTOR +3d intraocular lens at hyperopic and presbyopic patients

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**Purpose:** The authors present the biometrical and functional results of a retrospective study in which they evaluate the patients with hyperopia and presbyopia that were operated by clear lens extraction with implantation of multifocal ReSTOR +3D intraocular lens.

**Material & Method:** We studied a group of 21 eyes from 11 patients with age between 40 and 70 years, who were operated for hyperopia and presbyopia by phacoemulsification with multifocal posterior chamber ReSTOR +3D intraocular lens. Before the surgery we performed the ocular biometry, the ultrasound and optic technique. The refractive target was 0.00→+0.5 D.

**Results:** At 1 year after the operation, the refractive target was obtained in 38.1% of cases. At 6 weeks after the operation, the distance visual acuity without correction was 0,0logMar scale in 66.67% of cases and the visual acuity with correction was 85.72%. Visual acuity at near without correction was 0,0logMar scale in 71.43% and with correction in 90.48% of cases. The intermediate visual acuity without correction was 0.0logMar scale in 66.67% and with correction 90.48% of cases. At one year after the surgery, distance visual acuity without correction was 0.0logMar scale in 66.67% of cases and with correction in 80.95% of cases. Near visual acuity without correction was maximal in 76.19% of cases and with correction in 85.72% of cases. Intermediate visual acuity without correction was 0,0logMar scale in 71.43% and with correction it was maximal in 85.72%.

**Conclusion:** Refractive clear lens extraction with multifocal intraocular lens ReSTOR +3D implantation gives very good functional results at distance, intermediate and near. It represents a therapeutical approach at patients older than 40 years old with hyperopia and presbyopia.

### Biography

Dr. Nicula Cristina is associated with Ophthalmology Clinic, Cluj-Napoca, Romania. Nicula Cristina authored and reviewed many publications. Some of it includes The Light that Failed - In case of a Patient with Vogt-Koyanagi-Harada Disease. Nicula Cristina international experience includes various programs, contributions and participation in different countries for diverse fields of study.

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