




**International eye care center
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**Intraocular lens
power calculation after
presbyopic LASIK**

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Purpose

- **To compare clinical results and evaluate the accuracy of two methods for calculation of monofocal intraocular lens (IOL) power in the cataract patients who undergo *LASIK* for correction of presbyopia.**



Methods

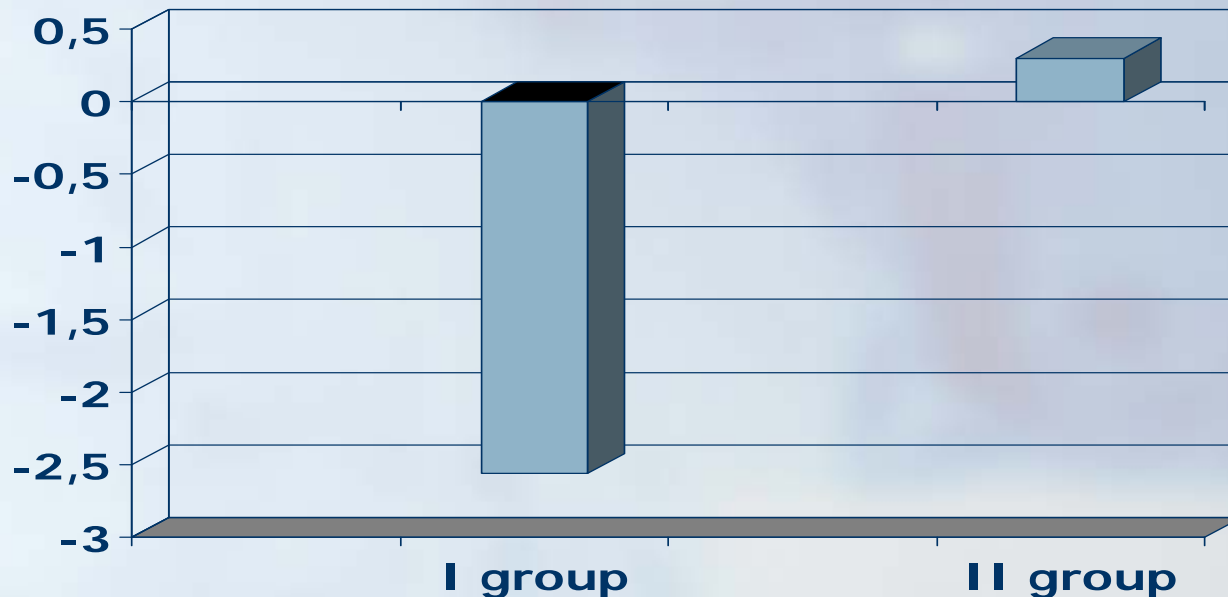
- **Nine patients (9 eyes) had phacoemulsification of cataract with posterior chamber IOL implantation.**
- **Middle age of patients $63,7 \pm 4,1$ years.**
- **On all eyes has been executed LASIK for correction presbyopia $4,7 \pm 1,6$ years ago**



Results

The different between the calculation and postoperative spherical equivalent

first group $-2,56 \pm 0,43D$
second group $0,3 \pm 0,21D$





Results

- We had replace IOL for achievement good distance vision at two patients of the first group. Two patients of the first group have been satisfied by good near vision without glasses.
- All patients of second group were satisfied of surgery results



Conclusions

- According to our researches, we can recommend to calculate intraocular lens power at eyes after presbyopic LASIK with use of standard formulas and post-LASIK keratometry and biometry.
- Clinical history method has shift to myopic refraction