

IS EBK A GOOD METHOD TO IMPROVE THE QUALITY OF LIFE?

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Purpose: The purpose of this study was to evaluate the results of Epithelial Bowman Keratectomy (EBK) in patients with myopia. **Methods:** The analyzed group consists of 120 eyes (60 patients) with myopia, who underwent EBK in the Refractive Surgery Unit. There were 31 women and 29 man, mean age 31,56. Observation time was 12 -24 months. Uncorrected distance visual acuity (UDVA), best corrected distance visual acuity (BCDVA), keratometry, pachymetry, refractometry, IOP were examined. Patients subjective satisfaction questionnaire were also estimated. These measurements were carried out before the procedure, 1 month, 3, 6, 12-24 months after the surgery. **Results:** Spherical equivalent before the procedure ranged from -1.5 to -8.0 Dsph. The differences in the analyzed group before and 12- 24 months following the surgery were: refractometry -2,86 Dsph and -1,16 Dcyl before and 0,04 Dsph and -0,52 Dcyl after the procedure, UDVA 0,16 before and 0,98 after EBK, pachymetry 550,08 μm before and 485,21 μm after the procedure. Patients satisfaction questionnaire score was very high. **Conclusions:** According to our experience, refractive surgery procedure such as EBK in 24 month follow-up is characterized by high safety, efficiency and stability and do improve the patients quality of life.