

عنوان مقاله:

years Results of Photorefractive Keratectomy for Myopia Correction-8

محل انتشار:

بیست و هشتمین کنگره سالیانه انجمن چشم پزشکی ایران (سال: 1397)

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خلاصه مقاله:

Purpose: To evaluate the results of photorefractive keratectomy (PRK) with mitomycin C in myopia correction after eight years. Methods: The present cross-sectional study was carried out on 62 patients, 19 to 59 years old, who were undergoing Photorefractive keratectomy using Wave front-optimized surgery plan via Allegretto Wave Eye-Q. All of the surgical procedures were performed by one surgeon. After 8 years, follow-up visits were paid performing eye examination including BCVA, UCVA, Refractive error measurement, Orbscan2 and external eye examination. Results: The mean diopter of spherical equivalent before surgery was -3.65 ± 1.53 . The following findings were obtained after 5 years follow up visit: The mean spherical equivalent value: -0.12 ± 0.38 , the mean Log MAR UCVA: 0.06 ± 0.08 , the mean Log MAR BCVA: 0.00 ± 0.06 . The mean change of flat K and steep K were -2.87 ± 1.57 and -2.98 ± 1.77 , respectively. Conclusion: After eight years PRK is an effective, safe and predictable method used to correct myopia. The wavefront optimized algorithm of the Allegretto Wave Eye-Q 400-Hz excimer laser platform demonstrated good .refractive and visual results

کلمات کلیدی:

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