

عنوان مقاله:

Comparison of bandage contact lens removal on the 3rd versus fifth post-operative day after photorefractive keratectomy

محل انتشار:

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خلاصه مقاله:

Purpose: To compare the outcomes of bandage contact lens (BCL) removal on the 3rd versus fifth post-operative day following photorefractive keratectomy (PRK). **Methods:** This study recruited eyes of patients who underwent PRK surgery. The patients were assigned to 2 groups. In Group 1 BCL was removed on the 3rd post-operative day, while in Group 2, BCL was removed on the 5th post-operative day. After BCL removal, patients were asked to express their pain score and eye discomfort. Slit lamp examination was performed in all visits to evaluate complications. **Results:** 200 eyes of 100 patients underwent PRK. The age and sex ratio were not significantly different between the two groups. In both group filamentary keratitis (FK) was observed in 1 eye. No haze was seen in both groups. The difference in rate of complications was not statistically significant. Pain and eye discomfort scores were significantly different ($P < 0.05$) using mixed model analysis. There were no major complications including infectious keratitis in either group. **Conclusion:** Following PRK surgery, BCL removal on the 3rd vs fifth post-operative day yields slightly .increase in eye pain and discomfort

کلمات کلیدی:

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