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Prediction of post phacoemulsification visual acuity in patients with different degree of lens opacity using Heine retinometer

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Objective: The objective was to find the usefulness in predicting the visual outcome in patients who are undergoing cataract surgery by using a convenient and standard instrument.

Patients & Methods: This retrospective cohort study was done using Heine lambda 100 retinometer to find the usefulness in predicting the visual outcome at the Eye Center in King Abdulla Medical City, Makkah, KSA.

Results: It is highly specific in the prediction of postoperative visual acuity (VA) (93.5%). It has higher accuracy 87.5%, sensitivity 86% and specificity 100% in mild cataract than denser one.

Conclusion: The Heine lambda 100 retinometer appears to be a clinically useful device to use in patients with comorbid eye condition such as amblyopia, macular degeneration and a corneal disease in predicting the visual outcome.

Biography

Daniya Alturkistani is an ambitious and a hard working student. During her collage years, she participated in many research activities. She was the Head of The Scientific Committee of Medical Students Research Club. She is keen on public presentations and gave many lectures and presentations to junior students.

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