Journal of Ophthalmology

Special Issue on
Advances and Future Prospects in Refractive Cataract Surgery

CALL FOR PAPERS

The term "refractive cataract surgery" refers to the process of obtaining device-free (*i.e.*, spectacle and contact lens-free) optimal vision after cataract removal. Aside from selection of optimal monofocal intraocular lens implants, various refractive surgical technologies are now also used in combination with cataract surgery to maximize visual outcome. Premium intraocular lenses, e.g., multifocal, accommodating, light adjustable, and novel presbyopia-correcting corneal inlays, are also either being used or on the near horizon. Corneal collagen cross-linking is also being used to stabilize refractive outcomes in unstable pseudophakic eyes, e.g., keratoconus, keratoectasia, status after corneal transplant.

We invite clinicians and researchers to submit original research, case series, and review articles that will contribute to expanding our understanding of the current state and future of refractive cataract surgery. We are particularly interested in articles about clinical outcomes of novel premium intraocular lenses, outcomes of combining refractive and cataract surgery in normal or diseased eyes, challenging case series, clinical experience with corneal inlays in pseudophakic patients, cross-linking combined with cataract surgery, and combination of multiple approaches to refractive cataract surgery.

Potential topics include, but are not limited to:

- Clinical and experimental results with new premium intraocular lenses
- Corneal collagen cross-linking for refractive stabilization and correction combined with cataract surgery
- Laser corneal surgery after placing different types of intraocular lenses (monofocal, toric, and multifocal IOLs)
- Refractive cataract surgery in keratoconus, keratoectasia, and corneal transplant patients
- Presbyopic surgeries in pseudophakic patients: corneal inlay and laser refractive surgery
- Residual refractive error after premium IOL implantation and its visual impact
- Strategies for better visual outcome after premium IOL implantation

Authors can submit their manuscripts via the Manuscript Tracking System at http://mts.hindawi.com/submit/journals/joph/prcs/.

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