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CLINICAL STUDY OF ACIOL AND SCLERA FIXATED PCIOL

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Purpose: To compare early & late post-operative complications and the visual outcome of ACIOL with those of sclera fixated PCIOL.

Methods: a prospective study conducted at SRMS IMS Bhojipura Bareilly from 1st Jan 2018 to 30th June 2018. The patient were divided into two groups GROUP 1 – consisted of patients implanted with ACIOL as a primary or secondary procedure. GROUP 2 - consisted of patients implanted with sulcus fixated IOL as a primary or secondary procedure .

Results: we found that post-operative BCVA of patients in Group 1 32(64%) and in GROUP 2 37(74%) was 6/12 or better. There was no significant difference in the visual outcome in both the groups . The early and late complications in both the groups were compared and no significant difference was found between them.

Conclusion: SFIOLS seems to be more appropriate in young patients and in eyes with compromised cornea shallow anterior chamber, PAS, glaucoma and lack of iris support.

BIOGRAPHY

Amrita Mishra has completed her MBBS from Lala Lajpat Rai Medical College, Meerut in 2005. She completed her MS from Chatrapati Sahu Ji Maharaj University, Kanpur in 2009. She completed 2 years SR Ship at SRMS-IMS, Bareilly in 2012, after that she worked as an assistant professor in Rajshree Institute of Medical Sciences, Bareilly till 2016. She is currently working as an Associate Professor at SRMS IMS. She has experience in Extracapsular Cataract Extraction, Small Incision Cataract Surgery, Keratoplasty, Phacoemulsification and many more. She has also attended many CME accredited conferences. She has published more than 7 papers.

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