

**Primary posterior capsulectomy with
anterior vitrectomy in adult traumatic
cataracts**

Sir,

We read with interest the article "Maximizing the visual

outcome in traumatic cataract cases: The value of a primary posterior capsulotomy and anterior vitrectomy" by Shah *et al.*^[1] It is a very well written article with 1-year follow-up of management of cases of traumatic cataracts undergoing cataract surgery with posterior capsulectomy and anterior vitrectomy. Authors have shown that primary posterior capsulectomy with anterior vitrectomy improves visual outcomes during 1-year follow-up in all age groups.

Authors have reported that the incidence of retinal detachment (RD) was lower in the treatment group than compared to controls. We would like to suggest that adult patients undergoing primary capsulectomy should have an even longer follow-up period. Also would like to suggest that the surgical procedure be compared with Nd:YAG capsulotomy in adult patients.

We would like to highlight a case-control study by Erie *et al.*,^[2] which found a posterior capsular tear at surgery significantly increased the risk of RD in a 25-year period. Other nicely designed studies also have demonstrated similar findings.^[3,4] Erie *et al.* found lesser number of cases of RD following Nd:YAG capsulotomy than posterior capsular tears. Though there are studies, which show a high incidence of RDs following Nd:YAG capsulotomies,^[4] but have not compared with posterior capsular tears.

Though Yazici *et al.*^[5] have shown that cataract surgery combined with primary posterior curvilinear capsulorhexis as a safe procedure with a low rate of complications. But they did not disturb the anterior hyaloid phase and did in the bag implantation in all cases.

Navneet Mehrotra, Gaurav Paranjpe

Retina Foundation, Ahmedabad, Gujarat, Nayantara Nursing Home, Sanghli, Maharashtra, India

Correspondence to: Dr. Navneet Mehrotra,
Retina Foundation, Near Shahibaug Underbridge, Shahibaug,
Ahmedabad - 380 004, India.
E-mail: navneetmeh@yahoo.com

References

1. Shah MA, Shah SM, Patel KD, Shah AH, Pandya JS. Maximizing the visual outcome in traumatic cataract cases: The value of a primary posterior capsulotomy and anterior vitrectomy. *Indian J Ophthalmol* 2014;62:1077-81.
2. Erie JC, Raecker MA, Baratz KH, Schleck CD, Burke JP, Robertson DM. Risk of retinal detachment after cataract extraction, 1980-2004: A population-based study. *Ophthalmology* 2006;113:2026-32.
3. Colin J, Robinet A, Cochener B. Retinal detachment after clear lens extraction for high myopia: Seven-year follow-up. *Ophthalmology* 1999;106:2281-4.
4. Ninn-Pedersen K, Bauer B. Cataract patients in a defined Swedish population, 1986 to 1990. V. Postoperative retinal detachments. *Arch Ophthalmol* 1996;114:382-6.
5. Yazici AT, Bozkurt E, Kara N, Yildirim Y, Demirok A, Yilmaz OF. Long-term results of phacoemulsification combined with primary posterior curvilinear capsulorhexis in adults. *Middle East Afr J Ophthalmol* 2012;19:115-9.

Access this article online	
Quick Response Code:	Website: www.ijo.in
	DOI: 10.4103/0301-4738.151498