Author's Response: Maximizing the visual outcome in traumatic cataract cases: The value of a primary posterior capsulotomy and anterior vitrectomy

Dear Sir,

First of all we are thankful to you for your interest and inputs. Primary posterior capsulotomy and vitrectomy procedure done in the absence of poster capsular tear is a special procedure by vitreo rhexis. It is not only to prevent capsular opacification, but to avoid secondary cataract and recurrent inflammation of anterior vitreous.^[1,2]

Erie *et al.* reported incidence of retinal detachment in case of the posterior capsular rent in case of normal cataract, this study is all about traumatic cataract so normal and post trauma cataracts are not comparable.^[1-3]

With the emergence of high speed vitrectomy machines and cutters, incidence of iatrogenic break and retinal detachment following shallow anterior vitrectomy is minimal.^[4,5]

Nd: YAG may cause may cause increase incidence of retinal break and retinal detachment.^[6]

The primary objective of this study was to study the effect of primary posterior capsulotomy on final visual outcome in the case of traumatic cataract.^[1,2]

It is important to have long-term follow-up, but this study is about traumatic cataract, trauma may have many co morbidities, which may also cause damage other than posterior capsulotomy.^[2] We may follow-up these cases way forward for a longer period.

Mehul A Shah, Shreya M Shah, Krunal D Patel, Ashit H Shah, Jaimini S Pandya

Drashti Netralaya, Dahod, Gujarat, India

Correspondence to: Dr. Mehul Shah , Drashti Netralaya, Nr. GIDC, Chakalia Road, Dahod - 389 151, Gujarat, India. E-mail: omtrust@rdiffmail.com

References

- 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;62:1077-081.
- 2. Shah MA, Shah SM, Shah SB, Patel CG, Patel UA, Appleware A,

- *et al.* Comparative study of final visual outcome between open- and closed-globe injuries following surgical treatment of traumatic cataract. Graefes Arch Clin Exp Ophthalmol 2011;249:1775-81.
- 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.
- 4. Rossi T, Querzoli G, Angelini G, Malvasi C, Iossa M, Placentino L, et al. Introducing new vitreous cutter blade shapes: A fluid dynamics study. Retina 2014;34:1896-904.
- 5. Fujii GY, De Juan E Jr, Humayun MS, Pieramici DJ, Chang TS, Awh C, *et al.* A new 25-gauge instrument system for transconjunctival sutureless vitrectomy surgery. Ophthalmology 2002;109:1807-12.
- Ranta P, Tommila P, Kivelä T. Retinal breaks and detachment after neodymium: YAG laser posterior capsulotomy: Five-year incidence in a prospective cohort. J Cataract Refract Surg 2004;30:58-66.

Access this article online	
Quick Response Code:	
	Website: www.ijo.in