

PRP-naive and undergoing intravitreal treatment within such pathways (macular clinics) should have close monitoring with an examination of the peripheral retina at every visit.

Conflict of interest

The authors declare no conflict of interest.

References

- 1 Wessel MM, Nair N, Aaker GD, Ehrlich JR, D'Amico DJ, Kiss S. Peripheral retinal ischaemia, as evaluated by ultrawidefield fluorescein angiography, is associated with diabetic macular oedema. *Br J Ophthalmol* 2012; **96**: 694–698.
- 2 Aiello LP, Avery RL, Arrigg PG, Keyt BA, Jampel HD, Shah ST *et al.* Vascular endothelial growth factor in ocular fluid of patients with diabetic retinopathy and other retinal disorders. *N Engl J Med* 1994; 331: 1480–1487.
- 3 Adamis AP, Miller JW, Bernal MT, D'Amico DJ, Folkman J, Yeo TK *et al.* Increased vascular endothelial growth factor in the vitreous of eyes with proliferative diabetic retinopathy. *Am J Ophthalmol* 1994; **118**: 445–450.

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Sir,

Regarding 'efficacy and safety of a new surgical method to treat malignant glaucoma in pseudophakia'

I read with interest the paper published by Żarnowski *et al*,¹ describing the importance of treating the zonular/ capsule and anterior hyaloid face as well as a limited vitrectomy. This is probably the largest study by patient numbers, but is not the first to describe this technique. We describe this technique and include schematic diagrams of the technique in a 2012 paper.² We also described how to handle the rare case of Sommering's ring-induced ciliary block.

Conflict of interest

The author declares no conflict of interest.

References

1 Żarnowski T, Wilkos-Kuc A, Tulidowicz-Bielak M, Kalinowska A, Zadrozniak A, Pyszniak E *et al*. Efficacy and safety of a new surgical method to treat malignant glaucoma in pseudophakia. *Eye* 2014; **28**(6): 761–764. 2 Ng WT, Morgan W. Mechanisms and treatment of primary angle closure: a review. *Clin Experiment Ophthalmol* 2012; **40**: e218–e228.

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Sir,

Efficacy and safety of a new surgical method to treat malignant glaucoma in pseudophakia: reply

Recently, we presented a relatively new technique of zonulo-hyaloido-vitrectomy for the treatment of malignant glaucoma.¹ It was clearly stressed in the manuscript that it is not entirely new and several modifications of the technique have been described before. Authors of preceding papers were cited except for Lois et al² because of journal space constraints. In our opinion, our technique described in details should be used as the procedure of choice in similar cases and could be easily performed by anterior segment surgeons. Complete TPPV is not only unnecessary but also sometimes ineffective, and the occurrence of severe complications is more likely. Our case series of 10 eyes with 12-month follow-up had 100% success with no complications. Until now our group has enlarged to 18 eyes with extended follow-up and the results are the same. If performed promptly after the occurrence of symptoms, filtering blebs could be salvaged. I am curious that a procedure described some time ago has not been fully investigated and has not become more widespread. Therefore, we aimed to remind the scientific community of that procedure.

We are familiar with the review paper of Ng and Morgan³ that is concentrated on the mechanisms of primary angle closure in general, including malignant glaucoma. It shows very didactically the theoretical concept of aqueous misdirection and the possible way of treatment. We found the idea of the resistance of aqueous flow depicted in the electrical circuit analogue diagram especially suggestive. Their review cites the paper of Lois *et al* presenting a similar technique successful in a case series of five eyes with 5-month follow-up. That modification of the technique is performed by vitreoretinal surgeon and the cutter is introduced through cornea, 1-2 clock hours away from the iridectomy site, probably in order not to engage the bleb. However, this makes the tip of the vitrector almost invisible through the pupil that might be dangerous, and it compromises the extent of core vitrectomy behind the posterior capsule. In our opinion, our efficacious modification of the technique is very simple and safe and is dedicated to be performed routinely by the cataract/glaucoma surgeon.

Conflict of interest

The authors declare no conflict of interest.

References

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1 Żarnowski T, Wilkos-Kuc A, Tulidowicz-Bielak M, Kalinowska A, Zadrozniak A, Pyszniak E *et al*. Efficacy and safety of a new surgical method to treat malignant glaucoma in pseudophakia. *Eye* 2014; **28**: 761–764.

2 Lois N, Wong D, Groenewald C. New surgical approach in the management of pseudophakic malignant glaucoma. *Ophthalmology* 2001; **108**: 780–783. 3 Ng WT, Morgan W. Mechanisms and treatment of primary angle closure: a review. *Clin Experiment Ophthalmol* 2012; **40**: e218–e228.

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