al disturbance for 30 years despite the presence of an intralenticular foreign body.

In conclusion, we report a case of long-standing asymptomatic intralenticular foreign body. Conservative management of intralenticular foreign body is an acceptable course unless ocular complications, such as intraocular inflammation and cataract formation, occur.

Jang-Hun Lee, Sang Beom Han, Seung-Jun Lee, Moosang Kim

Department of Ophthalmology, Kangwon National University School of Medicine, Chuncheon, Korea
E-mail: moosangkim@kangwon.ac.kr

Conflict of Interest

No potential conflict of interest relevant to this article was reported.

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Treatment of Serous Retinal Detachment Associated with Choroidal Ischemia with Intravitreal Bevacizumab Following Brain Surgery

Dear Editor,

We report a unique case of visual recovery where intravitreal bevacizumab injection (IVB) completely resolved serous retinal detachment (SRD) secondary to posterior ciliary artery (PCA) occlusion after brain surgery.

A 20-year-old male was referred to our clinic complaining of a sudden decrease in visual acuity in his left eye following neurosurgery. The patient had no other medical history except for meningioma in the left sphenoid ridge. According to the neurosurgeon, the removal of meningioma was uneventful and there were no complications during the entire surgical procedure. However, during the surgery, his scalp was compressed against the surgical bed for eight hours. His best-corrected visual acuity (BCVA) was 20/20 in the right eye and counting fingers at 30 cm in the left eye. Light reflex was intact and there was no relative afferent pupillary defect in either eye. Fundus examination revealed multiple patchy whitening of the outer retina across the fundus. SRD in the distribution of a cilioretinal artery (CA) was noted (Fig. 1A and 1B). The right eye showed a completely normal fundus. Fluorescein angiography (FA) revealed delayed filling of the choroidal watershed zone and CA which persisted throughout the early phase, simultaneously with normal filling of arterial branches from the central retinal artery (Fig. 1C). Indocyanine green angiography (ICGA) revealed multiple patchy hypofluorescence and non-perfusion areas (Fig. 1D). The patient was observed during the following week, but because there were no signs of improvement in the degree of SRD (Fig. 1E and 1F), 1.25 mg of IVB was administered after patient consent was given despite the risk of aggravating the already ischemic retina. Three days later, his BCVA improved to 10/20 and SRD was markedly improved (Fig. 1G). Ten days later, BCVA improved to 20/20 and FA revealed improvement of leakage, but areas of hypofluorescence persisted (Fig. 1H). ICGA revealed that multiple patchy choroidal filling defects remained (Fig. 1I).
and 1J). Five weeks later, BCVA was stable at 20/20 and optical coherence tomography showed complete resolution of SRD. His BCVA remained stable at 20/20 without recurrence of any SRD at the one-year follow-up examination.

Occlusion of the choroidal vessels can manifest itself in many different ways, ranging from complete vessel obstruction to relative ischemia. In this case, irregular filling of choroidal vessels and CA, an enlarged watershed zone, and multiple geographic hypofluorescent areas with ischemic cloudy swelling of the retina extending along the length of the CA could be attributed to relative choroidal ischemia. Extensive retinal pigment epithelium (RPE) ischemic changes across the entire fundus along with resultant SRD, and multiple wedge-shaped choroidal filling defects suggested a disturbance in choroidal circulation, specifically in the PCA. Retinal circulation originating from the CA also appeared to be compromised, indicated by dilatation and staining of the CA. We speculate that the prolonged compression of the globe during brain surgery may have played a significant role in causing occlusion of the CA and PCA. PCA occlusion is known to result in RPE necrosis and subsequent blood retinal barrier (BRB) breakdown [1,2]. Multiple leakages on FA indicated a disturbance in the outer BRB. Late phase FA showed multiple stippled hyperfluorescence signals, most likely due to staining of the distressed RPE, which could be attributed to RPE ischemia resulting from PCA occlusion. Vascular endothelial growth factor (VEGF), released in response to choroidal ischemia, leads to a cascade of responses to ischemia, in which VEGF plays a crucial role in inducing disruption of vessel permeability [3]. It causes disturbances of the outer BRB, resulting in SRD [4]. Anti-VEGF can there-

Fig. 1. (A) Fluorescein angiography (FA) showed delayed filling of the choroidal watershed zone and cilioretinal artery (CA) simultaneously with normal filling of arterial branches from the central retinal artery. (B) Indocyanine green angiography (ICGA) also showed multiple patchy hypofluorescence signals involving the posterior pole. There was no apparent arteriovenous transit time delay (10 seconds). In the late phase, perivascular leakage along the CA is evident and multiple blot hyperfluorescence on FA and pinpoint hyperfluorescence on ICGA are noted. (C) Panoramic FA showing multiple patchy hyperfluorescence signals with a wedge-shaped pattern across the fundus. Dilatation and staining of the CA is also present. (D) Panoramic ICGA showing multiple hypofluorescence signals with multiple patchy choroidal filling defects. (E) Optical coherence tomography showing diffuse serous retinal detachment with pigment epithelial detachment (central retinal thickness [CRT], 834 µm). (F) Optomap showing multiple patchy whitening of the outer retina and yellowish pigmented changes at the level of the retinal pigment epithelium (RPE) across the fundus. (G) Three days after the intravitreal bevacizumab injection, OCT shows markedly improved serous retinal detachment (SRD; CRT, 269 µm). Ten days after the injection, (H) panoramic FA shows improvement of leakage, but geographic areas of hypofluorescence persist. (I) Panoramic ICGA shows no signs of any significant leakage from choroidal vessels, but multiple patchy choroidal filling defects remain. (J) Optomap shows improvement of SRD and RPE ischemic changes.
fore be effective, by decreasing vascular permeability. The spontaneous resolution of choroidal ischemia has been reported previously [5], but in our case, because the patient showed no signs of any functional or anatomic improvement after observation for a week, we decided to treat the patient with IVB, which led to prompt visual and anatomical recovery.

This is the first case report of the occurrence of choroidal ischemia following brain tumor surgery and complete recovery of BCVA after IVB. In patients with severe visual loss and SRD associated with choroidal ischemia, IVB may be a viable treatment option.

Young Joo Cho, Eun Young Choi, Hyoung Jun Koh, Sung Chul Lee, Min Kim
Institute of Vision Research, Department of Ophthalmology, Yonsei University College of Medicine, Seoul, Korea
E-mail: minkim76@yuhs.ac

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In Situ Peripheral Iridoplasty in Phakic Eyes for the Treatment of Symptomatic Peripheral Iridotomy

Dear Editor,

Laser peripheral iridotomy (LPI) is commonly used to treat acute angle-closure glaucoma (AACG) and to prevent glaucoma before posterior chamber phakic intraocular lens (IOL) implantation. Patients may experience some of the following visual symptoms after LPI: diplopia, ghost images, lines, glare, and haloes. These symptoms are associated with high lid position or large iridotomy size [1]. The typical treatment for such symptoms is a tinted contact lens. When patients cannot tolerate tinted lenses, surgery may be necessary. Here we effectively adapted a simple iridoplasty technique for the treatment of symptomatic LPI.

LPI was performed in the first case to treat AACG. A 46-year-old woman presented postoperatively with glare in the left eye. Her left eye best-corrected visual acuity (BCVA) was 20 / 20 and intraocular pressure (IOP) was 13 mmHg. Slit-lamp microscopy revealed two LPIs 1 / 2 to 2 / 3 of pupil size at 10 and 2 o’clock as well as incipient cataracts (Fig. 1A). In the second case, LPI was performed for the prophylaxis of glaucoma after the implantation of a phakic IOL in a 42-year-old female. Postoperatively, the patient complained of glare and photophobia in the left eye. Her left eye BCVA was 20 / 15 and IOP was 12 mmHg. The slit-lamp examination revealed a clear lens and two LPIs at 11 and 1 o’clock that were partially covered by the upper lid (Fig. 1A).

Both patients agreed to undergo peripheral iridoplasty.