Teaching *NeuroImages*: Neurocysticercosis with subretinal cyst

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Figure 1 Fundus photograph of both eyes

Subretinal cyst in right eye (A) and normal fundus in left eye (B).

Figure 2 MRI brain and ultrasound B-scan of orbit

(A) T1-weighted axial contrast image shows ring-enhancing lesion with eccentric scolex and (B) echogenic nidus within cystic shadow in subretinal space suggestive of cysticercus cyst with no evidence of retinal detachment.

A 30-year-old woman presented with headache and diminution of vision of 2 weeks' duration. Visual acuity was finger counting at 1 meter in the right eye. Fundus examination showed a subretinal cyst (figure 1A). Neurologic examination was normal. Neuroimaging revealed neurocysticercosis (figure 2A). Ultrasound orbit showed subretinal cysticercosis (figure 2B). The patient was started on steroids and laser photocoagulation was recommended.

Cysts usually present in the subretinal space or vitreous cavity; the probable mechanism is migration through choroidal vasculature. Neurologists need to be aware of this masquerading condition and fundus

evaluation is mandatory before starting albendazole therapy, as it is contraindicated in subretinal cysts due to risk of further deterioration of vision.^{1,2}

AUTHOR CONTRIBUTIONS

Prakash Kori: data collection and drafting of manuscript. Ritesh Sahu: revision and concept of manuscript. P.K. Srivastava: data collection and drafting of manuscript. Anupam Jaiswal: data collection and revision of manuscript. Rakesh Shukla: revision and concept of manuscript.

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