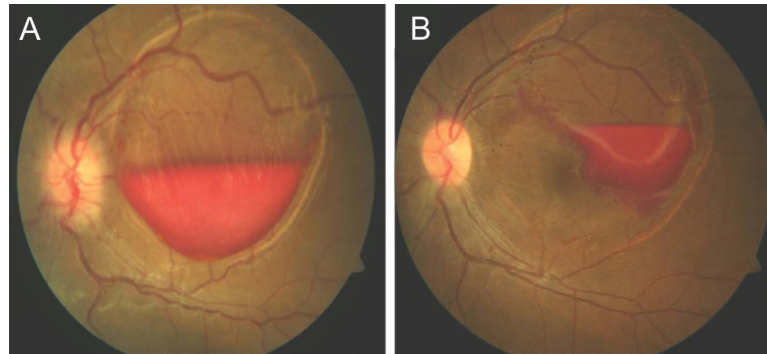


Teaching NeuroImages: Terson syndrome in cortical venous sinus thrombosis

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Figure 1 Baseline and follow-up fundus photograph



(A) Baseline fundus photograph shows large pre-macular sub-internal limiting membrane and subhyaloid bleed in left eye. (B) Follow-up (1 month) fundus photograph shows substantial resolution.

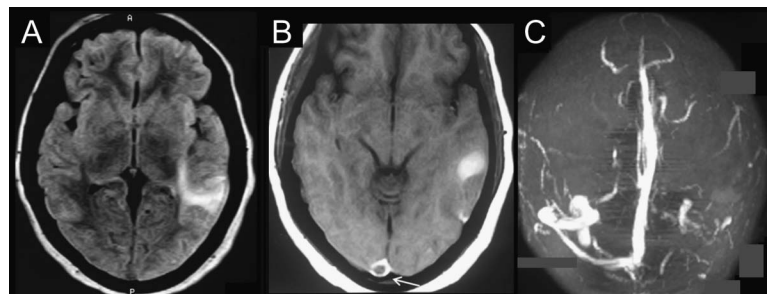
An 18-year-old woman presented with headache, right focal seizures, and diminished vision in the left eye for 20 days. Fundus examination revealed bilateral papilledema with large pre-macular sub-internal limiting membrane and subhyaloid bleeding in the left eye (figure 1A). MRI brain showed hemorrhagic infarct in the left temporal lobe (figure 2, A and B). Magnetic resonance venography showed left transverse and sigmoid sinus thrombosis (figure 2C). A diagnosis of Terson syndrome¹ (vitreous hemorrhage)

was made. Procoagulant workup was negative and the patient improved with conservative management² (figure 1B). Even though Terson syndrome has been reported with subarachnoid hemorrhage, its occurrence with cortical venous sinus thrombosis is rare.

AUTHOR CONTRIBUTIONS

Aastha Takkar: data collection, drafting of manuscript. Praveen Kesav: data collection, review of literature. Vivek Lal: concept and revision of manuscript. Amod Gupta: data collection.

Figure 2 Gadolinium-enhanced MRI brain and magnetic resonance venography



MRI brain (noncontrast T1-weighted sequence) shows (A) acute left temporal hemorrhagic infarct and (B) filling defect in the superior sagittal sinus (arrow) on gadolinium-enhanced T1 sequence. (C) Magnetic resonance venography shows left-sided sigmoid and transverse sinus thrombosis.

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