Endovascular management of cerebral venous sinus thrombosis

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Cerebral venous sinus thrombosis (CVST) is characterized by formation of widespread thrombus within the cerebral venous sinus system. CVST can cause venous hypertension, venous infarcts, hemorrhage and seizures. It is managed in most cases with systemic anticoagulation through the use of heparin to resolve the thrombus. Patients that demonstrate clinical deterioration while on heparin are often treated with endovascular strategies to recanalize the sinuses. We present the case of a patient with widespread CVST, involving his superior sagittal sinuses and bilateral transverse sigmoid sinuses, who was treated with a combination of endovascular therapies.

The video can be found here: <http://youtu.be/w3wAGIT7h8c>.
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KEY WORDS • venous sinus thrombosis • mechanical thrombectomy •
suction thrombectomy • balloon embolectomy • endovascular • video

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