

Behçet's Disease Presenting as Cerebral Venous Thrombosis

Pratibha Prasad^{1*} and Prem Shanker Verma²

¹Department of Neurology, Dr. S.N. Medical College, Rajasthan University of Health Science, Jodhpur, Rajasthan, India

²Department of Neurosurgery, Institute of Medical Sciences BHU, Varanasi, Uttar Pradesh, India

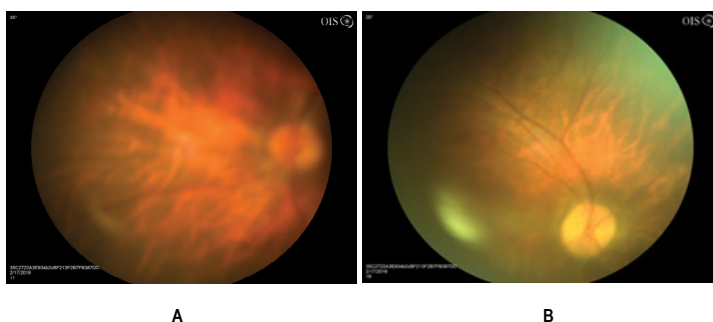


Figure 1. Ophthalmoscopy showing panuveitis with papilloedema in right eye (A) more than left eye (B).



Figure 2. MRV showing right transverse sinus and superior sagittal sinus thrombosis.

Clinical Image

Occurrence of Cerebral Venous Thrombosis (CVT) as a presenting symptom of Behçet's Disease (BD) is quite uncommon [1]. Few cases regarding the first presentation of BD with CVT are reported [2-5] but hardly any case in Indian perspective. Therefore, we report cerebral venous thrombosis as the initial presentation of Behçet's disease in a 32-year-old immunocompetent Indian male. He presented with severe headache and vomiting with gradual progressive painless loss of vision in both eyes (right > left) since one and half month. Past history revealed recurrent oral and genital ulcers in last seven months. Neurological examination revealed bilateral papilledema and right sixth cranial nerve palsy. Ophthalmoscopy revealed panuveitis with papilloedema in right eye (Figure 1A) more than left eye (Figure 1B). MRV showed right transverse sinus and superior sagittal sinus thrombosis (Figure 2). Thrombophilia screening showed positivity in HLAB51. Pathergy test was positive. A diagnosis of behcet disease was made. Patient was treated with anti-coagulant therapy, immunosuppressive drug and acetazolamide and was in follow up for one year with no recurrent symptoms. Thus there is a need to increase the awareness of neuro behcet's disease whenever headache due to CVT is associated with oral and genital ulcers.

References

1. Aguiar de Sousa, D, T Mestre and J M Ferro. "Cerebral venous thrombosis in Behçet's disease: a systematic review." *J Neurol* 258(2011): 719-727.
2. Ascaso, FJ, A Rodriguez and JA Cristóbal. "Cranial hypertension as first manifestation of Behçet's disease: a case report." *Doc Ophthalmol* 105(2002): 291-299.
3. Chaloupka, Karla, Edoardo Baglivo, Michael Hofer and Carlo Chizzolini, et al. "Cerebral sinus thrombosis in Behçet disease: case report and review of the literature." *Klin Monbl Augenheilkd* 220(2003):186-188.
4. Rahil, Ali Ibrahim, Mehdi Errayes and Khaled M Salem. "Cerebral venous thrombosis as the initial presentation of Behcet's disease." *Chang Gung Med J* 32(2009): 220-223.
5. Can, Emrah, Bülent Kara, Ayper Somer and Melike Keser, et al. "Neuro-Behçet disease presenting as secondary pseudotumor syndrome: case report." *Eur J Paediatr Neurol* 10(2006): 97-99.

How to cite this article: Prasad, Pratibha and Prem Shanker Verma. "Behçet's Disease Presenting as Cerebral Venous Thrombosis." *Clin Neurol Neurosurg* 5(2022): 132

*Address for Correspondence: Pratibha Prasad, Department of Neurology, Dr. S.N. Medical College, Rajasthan University of Health Science, Jodhpur, Rajasthan, India; E-mail: pratibhaprasad12@gmail.com

Copyright: © 2022 Prasad P, et al. This is an open-access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

Received: 01 January, 2022, Manuscript No. jcn-22-49043; **Editor assigned:** 04 January, 2022, PreQC No. P-49043; **Reviewed:** 06 January, 2022, QC No. Q-49043; **Revised:** 12 January, 2022, Manuscript No. R-49043; **Published:** 18 January, 2022, DOI: 10.37421/jcn.2022.5.132