



## **TITLE: Case Report: Thalamomesencephalic stroke in a patient with HIV**

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### **ABSTRACT (upto 300 words)**

We present a 41-year-old HIV-positive female patient complaining of complete right palpebral ptosis, diplopia, and inability to balance herself. On examination, the right eye was able to move laterally and downwards. The motor exam showed left hemiparesis (4/5) on upper and lower limbs, bilateral Babinski sign with left hemiataxia without the sensory disorder. CT scan and magnetic resonance imaging angiography demonstrated an ischemic infarct on the right paramedian branch of the posterior cerebral artery territory. This patient did not present clinical manifestations of the thalamic lesion. To our knowledge, this is the first reported case of a young patient presenting a unilateral thalamomesencephalic ischemic stroke secondary to HIV vasculitis with bilateral Babinski signs and without thalamic signs in the medical literature.

### **BIOGRAPHY (upto 200 words)**

Sibi Joseph did his MBChB at Walter Sisulu University and is currently working at the Nelson Mandela Academic Hospital as a resident in the Division of Neurology, Department of Internal Medicine, Mthatha, South Africa. He also has experience in neurosurgery and ophthalmology. He has dedicated his life to working in the rural parts of Eastern cape in South Africa to help those in need the most.

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