

Thrombotic CV Stroke in a Young Male with Hyperhomocysteinemia and Protein S Deficiency : A Case Report

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ABSTRACT: Stroke in young poses a major health problem. Thrombophilic factors have been implicated in 4-8% of the young strokes worldwide. Hyperhomocysteinemia is an independent risk factor for atherosclerosis but there are few data regarding its role in acute arterial thrombosis without any previous lesion. Overall estimated incidence of deep vein thrombosis is 1 per 1000 persons with Protein S deficiency but very few studies suggest association between arterial thrombosis with Protein S deficiency. We present a case of 18 year old boy who presented to us with acute onset right sided hemiplegia and aphasia whose laboratory findings were suggestive of hyperhomocysteinemia and Protein S deficiency.

KEY WORDS: Hyperhomocysteinemia, Protein S deficiency, Young Adult Stroke , CV Stroke.

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