

Abstract

J Trop Pediatr. 2009 Jun;55(3):205-7.

Psychotic disorder and extrapyramidal symptoms associated with vitamin B12 and folate deficiency.

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BACKGROUND: Vitamin B12 and folate deficiency causing neuropsychiatric and thrombotic manifestations, such as peripheral neuropathy, subacute combined degeneration of cord, dementia, ataxia, optic atrophy, catatonia, psychosis, mood disturbances, myocardial infarction and portal vein thrombosis are well known.

SUMMARY: This present report highlights an unusual presentation of vitamin B12 deficiency-psychotic disorder, extrapyramidal symptoms in a 12-year-old boy. His symptoms responded to parenteral vitamin B12 therapy.

CONCLUSION: So with this report we emphasized that serum vitamin B12 and folate levels should be measured, especially in those patients who present with other known neuropsychiatric features of vitamin B12 and folate deficiency.

PMID: 19095695

