

Abstract

Reversible Posterior Leukoencephalopathy Syndrome (RPLS) is a clinico radiological diagnosis. Abrupt elevation of blood pressure, impaired renal function, eclampsia, pre-eclampsia, infections, autoimmune disorders and some drugs including chemotherapeutic agents are the risk factors for the development of this condition. Patient can present with behavioral changes, confusion, unresponsiveness and extrapyramidal symptoms. It is reversible with proper diagnosis and management of the underlying causes. We report a 26-year-old previously healthy primi mother of postpartum day 7 found at home with reduced level of consciousness and frothy saliva. She had a history of low-grade fever for 3 days. On admission, found to have R/S upper limb and lower limb weakness with the power of 4/5. Magnetic resonance image (MRI) of brain showed features suggestive of RPLS while Magnetic resonance angiogram (MRA) and Magnetic resonance venogram (MRV) of brain were negative for CVT. She was managed at the ICU with close monitoring and with intravenous antibiotics and anti-epileptics. Even though her BP was normal throughout the pregnancy and postpartum, collective of clinical, biochemical, radiological diagnosis of eclampsia induced RPLS was made. She got discharged with the minimal R/S weakness. RPLS is a reversible condition if diagnosed and treated timely and appropriately.