

Abstract

Neuromyelitis optica spectrum disorder (NMOSD) is an inflammatory disorder of the central nervous system including the brain and spinal cord. It is an immune-mediated demyelinating disease, with antibodies against Aquaporin 4 have been identified. It's characterized by a wide array of symptoms and signs during clinical practice. Here we present a case of a young gentleman who initially presented with acute flaccid paralysis of bilateral lower limbs with a sensory level. Later on, the disease course he developed blurred vision which was identified as optic neuritis. We treated him for Neuromyelitis optica spectrum disorder with available treatments, though his MRI findings were not compatible. However, the patient had complete recovery after a prolonged course of hospital stay. In this case, emphasis that early detection of important clinical signs and prompt actions made him have a better outcome.