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Pseudo One-And-A-Half Syndrome in a Myasthenia Gravis Patient

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» Pseudo One-and-a-half Syndrome 

A 74-year-old man with a recent diagnosis of positive acetylcholine receptor antibodies myasthenia gravis was admitted complaining of double vision, dysarthria, and dysphagia. A neuro-ophthalmological exam showed right eye ptosis, left internuclear ophthalmoplegia, and right horizontal gaze palsy, establishing a pseudo one-and-a-half syndrome.^{[1],[2],[3]} The patient did not present any diurnal variation on the eye movements.

A clinical tip to differentiate this syndrome from the one described by Miller Fisher is the impairment of convergence and vertical ocular movements. This is because the deficit is found in the neuromuscular junction and not in the brainstem. Video 1.

Treatment with intravenous immunoglobulin therapy was indicated and neurological symptoms improved completely days after. Video 2.

Declaration of patient consent

The authors certify that they have obtained all appropriate patient consent forms. In the form, the patient(s) has/have given his/her/their consent for his/her/their

images and other clinical information to be reported in the journal. The patients understand that their names and initials will not be published and due efforts will be made to conceal their identity, but anonymity cannot be guaranteed.




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Conflicts of interest

There are no conflicts of interest.

» References

1. Fisher CM. Some neuro-ophthalmological observations. J Neurol Neurosurg Psychiatry 1967;30:383. 
2. Davis TL, Lavin PJ. Pseudo one-and-a-half syndrome with ocular myasthenia. Neurology 1989;39:1553. 
3. Narasimhaiah D, Sreedharan SE, Anoop A, Radhakrishnan NR, Poyuran R. Myasthenia Gravis with Thymoma and a Rare Serological Profile-Report of a Case and Review of Literature. Neurology India 2021;69:528-9. 

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