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PIBIC Last Name - Yoshiyama First Name - Christian Middle - Andres

Service (sector) Neuro-Ophthalmology N° CEP

OCULAR MYASTHENIA GRAVIS

Yoshiyama, C. , Pinheiro, MC. , Imamura, PM. Federal University of São Paulo

Purpose: This case is to demonstrate the importance of reasoning, when thinking, in ocular myasthenia gravis, when the patient presents variability in the disturbances of ocular motility.

Methods: Case report

Case Presentation: A 19 year old male, presented a two month history of binocular diplopia and unilateral ptosis. The patient had two tests of ocular motility measures that showed variability. He showed marked improvement of his ptosis after sleep. Assay for anti-Ach receptors antibody was positive; CT scanning was normal; complete blood count, erythrocyte sedimentation rate, glucose, and thyroid function where normal. The patient responded well to corticoid therapy.

Conclusion: In the disturbances of ocular motility , this rare presentation of myasthenia gravis should always be considered. A good clinical history, examination and appropriate clinical tests are required for diagnosis