MEIGE'S SYNDROME ASSOCIATED WITH BRAIN TUMOR

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Introduction: Meige's syndrome is an uncommon movement disorder, a combination of blepharospasm and involuntary movements of the lower facial and masticatory muscles. Association with brain tumors is reported rarely in the literature.

Aims: To report a case of Meige's syndrome associated with a brain tumor.

Methods: Case report

Results: We report a 66-year-old female who was admitted to our department with history of blepharospasm and orofacial dystonia that have been present for the last 10 years, and a brain tumor, diagnosed the previous year. Right-sided homonymous hemianopia at approximately 20 degrees was found. CT scan was performed, showing a hyperdense left parasellar tumor formation, enhancing its density after contrast application. MRI showed a T1 isointense and T2 hyperintense lesion, engaging the left cavernous sinus and the carotid siphon, increasing its intensity after contrasting. PET scan revealed low metabolic activity of the described formation.

Conclusions: The performed imaging studies suggest a left lesser wing meningioma. Single cases have been reported, describing Meige's syndrome secondary to brainstem stroke, cerebellopontine tumor, arteriovenous malformation or demyelination. We discuss the potential pathophysiological role of the brain tumor in this case of Meige's syndrome.