



Ischemic Stroke Revealing a Pituitary Macroadenoma: An Exceptional Clinical Case

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Introduction

Ischemic strokes associated with pituitary adenomas are rare events, mostly reported in the context of pituitary apoplexy [1, 2]. We report a unique clinical case of a pituitary macroadenoma revealed by a pontine ischemic stroke.

Case Report

An 83-year-old female patient with a 5-year history of hypertension presented to the emergency department with sudden onset of right-sided hemiparesis. Brain MR angiography revealed a recent ischemic stroke in the left paramedian pontine area within the territory of the perforating branches of the basilar artery, associated with an intra- and suprasellar lesion measuring 21x14x18 mm, contacting the optic chiasm with left deviation of the pituitary stalk. Additionally, Fazekas grade 2 leukoencephalopathy was noted. Ophthalmological examination showed no visual field defects. Endocrine evaluation revealed no deficits. The patient was started on Dostinex (2 mg/week).

Conclusion

Management of non-functioning pituitary macroadenomas in elderly patients remains challenging, particularly when complicated by neurological events such as ischemic strokes [3, 4]. This case highlights the importance of a multidisciplinary approach to optimize patient outcomes.

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