
CASE REPORT

Central Neurocytoma of the Fourth Ventricle: a Patho-radiological Correlation

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ABSTRACT

Central neurocytoma is an uncommon neuronal tumour that usually originates from the lateral ventricle or septum pellucidum. We present a rare case of central neurocytoma arising from the fourth ventricle and compare its imaging features with those of 6 other cases described in the literature. This report attempts to correlate the imaging with the pathological findings of the tumour, with an emphasis on immunohistochemistry as a means of establishing the diagnosis.

Key Words: Cerebral ventricle neoplasms; Fourth ventricle; Immunohistochemistry; Magnetic resonance imaging; Neurocytoma

中文摘要

第四腦室中樞神經細胞瘤：病理學與放射學的相互關係

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中樞神經細胞瘤是一種罕見的腦內神經腫瘤，通常起源自側腦室或透明隔。本文報告一宗第四腦室中樞神經細胞瘤，並將此病例與文獻報導的其餘六個病例的影像學特徵作比較。本文討論中樞神經細胞瘤的病理學與放射學的相互關係，並強調免疫組織化學技術可為此病的診斷提供依據。