

Case Report

Suprasellar Metastasis of Pulmonary Adenocarcinoma

Jen-Ho Tseng¹, Sheng-Huang Hsiao¹, Jung-Mao Chou², Ann-Jeng Liu^{1*}

¹Department of Neurosurgery, Taipei City Hospital Ren-Ai Branch, Taiwan

²Department of Pathology, Taipei City Hospital Ren-Ai Branch, Taiwan

Abstract.

An originally fit and well man suffered from acute headache and loss of consciousness. A hyperdense suprasellar tumor and intraventricular hemorrhage (IVH) were detected by head CT. Cerebrovascular imaging studies excluded the presence of supraclinoid giant aneurysm. An emergency excision of the suprasellar tumor was done for intratumoral hemorrhage, signs of pituitary apoplexy, and IVH. Surgical pathology revealed a metastatic adenocarcinoma from the lung, and pulmonary adenocarcinoma was confirmed following whole-body cancer work-up. This is the first case report of pure suprasellar metastasis as the initial manifestation of an unknown primary tumor.

Keywords : suprasellar, metastasis, pulmonary adenocarcinoma

病例報告

肺腺癌轉移至蝶鞍上部

曾仁河¹ 蕭勝煌¹ 周榮茂² 劉安正^{1*}

¹ 台北市立聯合醫院仁愛院區 神經外科

² 台北市立聯合醫院仁愛院區 病理科

中文摘要

一位健康中年男子在一陣突發劇烈頭痛後失去意識，送來急診後立刻接受腦部電腦斷層掃描，結果顯示蝶鞍上部有一橢圓形界線清楚的出血性腫塊，同時有腦室內出血，電腦斷層腦血管攝影排除腦內頸動脈巨大動脈瘤，因此，在腦下垂體大腺瘤併發出血與腦室內出血的情況下，患者接受緊急開顱手術清除腫瘤，並引流腦室內血腫，病理報告顯示此腫瘤為轉移性肺腺癌，肺部原發病灶隨後也證實為腺癌，患者意識逐漸復原之後，接受了腦部放射治療與全身性化學治療。本病例特殊性在於蝶鞍上部的肺腺癌轉移病灶，以近似腦內頸動脈巨大動脈瘤出血，與腦下垂體大腺瘤併發出血（腦下垂體中風）來表現。

關鍵字: 蝶鞍上部、轉移、肺腺癌

INTRODUCTION

Sellar or suprasellar metastasis as an initial presentation of an unknown primary cancer is rare. We

demonstrate a case of lung cancer that initially presented signs of a hemorrhagic supraclinoid giant aneurysm and pituitary apoplexy.