

## Case Report

# Pituitary Apoplexy Following Mild Head Injury Mimicking Bacterial Meningitis

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### Abstract.

Pituitary apoplexy is a clinical syndrome occurring as a consequence of fulminant expansion of pituitary tumor due to massive infarction, necrosis, or hemorrhage. Its association with head injury is rare, and only few reports are available. The clinical picture is characterized by sudden-onset headache, visual symptoms, multiple cranial nerve involvement, meningismus, altered mental status, and hormonal dysfunction. We are reporting a rare case of pituitary apoplexy following minor head injury initially misdiagnosed as meningitis though finally treated with hormone replacement without surgery and was discharged uneventful.

**Keywords :** head injury, pituitary apoplexy, hypopituitarism, meningitis

## 病例報告

### 輕微頭部外傷後症狀疑似細菌性腦膜炎之腦垂體中風

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### 中文摘要

腦垂體中風為腦垂體腫瘤因廣泛梗塞、壞死或出血致突發劇烈擴張之臨床症候群。其與頭部外傷之相關性罕見且較少為人報導，常見之症狀包括突發性頭痛、視力相關症狀、同時併發多條腦神經症狀、腦脊髓膜炎症狀、意識狀態改變及內分泌系統失調等。在此提出一輕微頭部外傷後發生腦垂體中風之少見病案，初時診斷為腦脊髓膜炎，俟確立診斷後即予以荷爾蒙補充，病人未接受手術，最後順利出院。

**關鍵字:** 頭部外傷、腦垂體中風、腦垂體功能低下、腦脊髓膜炎

## INTRODUCTION

Pituitary apoplexy is a clinical syndrome with an incidence around 2-7% among cases of pituitary adenoma, though it's a rare complication of head injury. Here we presented a patient with pituitary apoplexy

following minor head injury and discuss the difficulty in making diagnosis.

## CASE REPORT

An 85-y/o man suffered from dizziness and vom-