

Extraneural Metastasis of Ependymoma in the Cauda Equina

Abstract

We report a rare case of extraneural metastasis of spinal ependymoma that developed over a very long period. A 28-year-old man underwent surgery for ependymoma in the cauda equina. After he experienced three local recurrences and had undergone five operations, a lung metastasis occurred 46 years after the first operation. Although the tumor did not show the typical morphological malignancy, the maximum standard uptake value obtained by positron-emission tomography and the antigen Ki-67 labeling index demonstrated the tumor's active proliferative ability. One year after the last operation, the patient died of respiratory failure due to progressing lung metastases. The malignant behavior of spinal ependymomas is demonstrated in a case with long-term follow-up.

馬尾神經外室管膜瘤的轉移

我們報告一宗罕見的發展了一段很長時間的脊髓室管膜瘤於神經外轉移。28 歲的男子接受了馬尾神經室管膜瘤手術。之後，他經歷了三個局部復發並進行了五次手術，第一次手術後 46 年出現肺轉移。雖然腫瘤沒有表現出典型的惡性腫瘤形態，透過正電子掃描的最大標準攝取值和抗原 Ki-67 標記指數顯示腫瘤的活性增殖能力。在最後一次手術後一年，病人由於進展的肺轉移而死於呼吸衰竭。惡性脊髓室管膜瘤的行為表現在這長期跟進的情況下顯示出來。