

- 星形细胞瘤 1 例. 中国临床神经外科杂志, 2016, 21:319-320.]
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· 临床医学图像 ·

透明细胞型室管膜瘤

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Clear cell ependymoma

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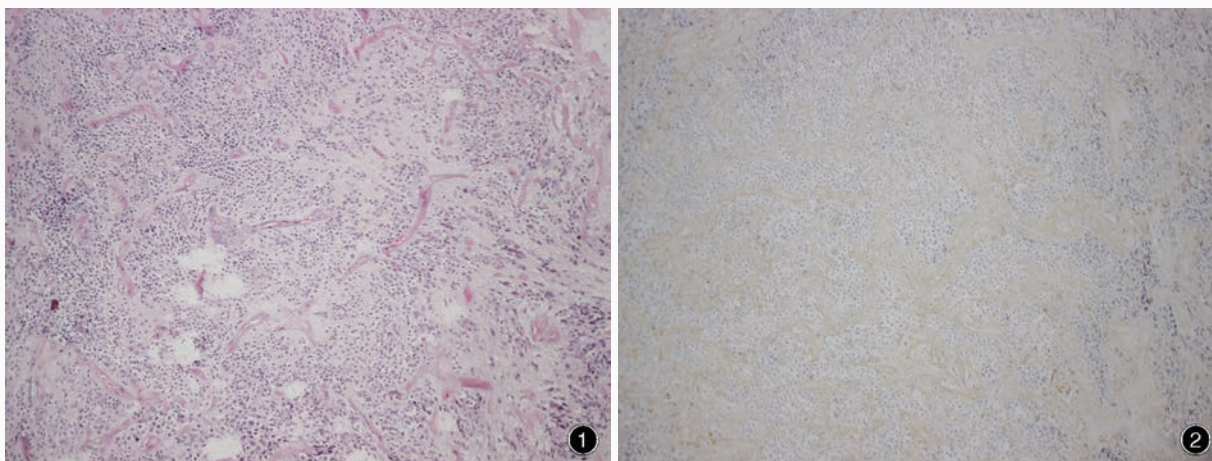


图1 光学显微镜观察显示,肿瘤细胞密集排列,似少突胶质细胞样,可见核周空晕 HE染色 ×100 图2 光学显微镜观察显示,肿瘤细胞胞质表达GFAP 免疫组织化学染色(EnVision 二步法) ×100

Figure 1 Optical microscopy findings showed clear cell ependymoma had high cell density, resembling oligodendroglioma with clear perinuclear haloes. HE staining ×100 Figure 2 Optical microscopy findings showed tumor cells were positive for GFAP in cytoplasm. Immunohistochemical staining (EnVision) ×100

2016年世界卫生组织(WHO)中枢神经系统肿瘤分类将透明细胞型室管膜瘤定义为室管膜瘤的一个亚型,以细胞呈少突胶质细胞样,可见核周空晕为特点,好发于青年幕上部位。组织学形态观察,肿瘤细胞呈少突胶质细胞样表型,胞质透明形成核周空晕(图1),常为幕上富血管肿瘤,偶见于颅后窝和脊髓。免疫组织化学染色可见室管膜和血管周围“菊形团”样结构,表达胶质纤维酸性蛋白(GFAP,图2)和上皮膜抗原(EMA)。超微结构观察有助于鉴别诊断。透明细胞型室管膜瘤较其他亚型更具侵袭性。

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