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## · 临床医学图像 ·

### 非典型垂体腺瘤

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#### Atypical pituitary adenoma

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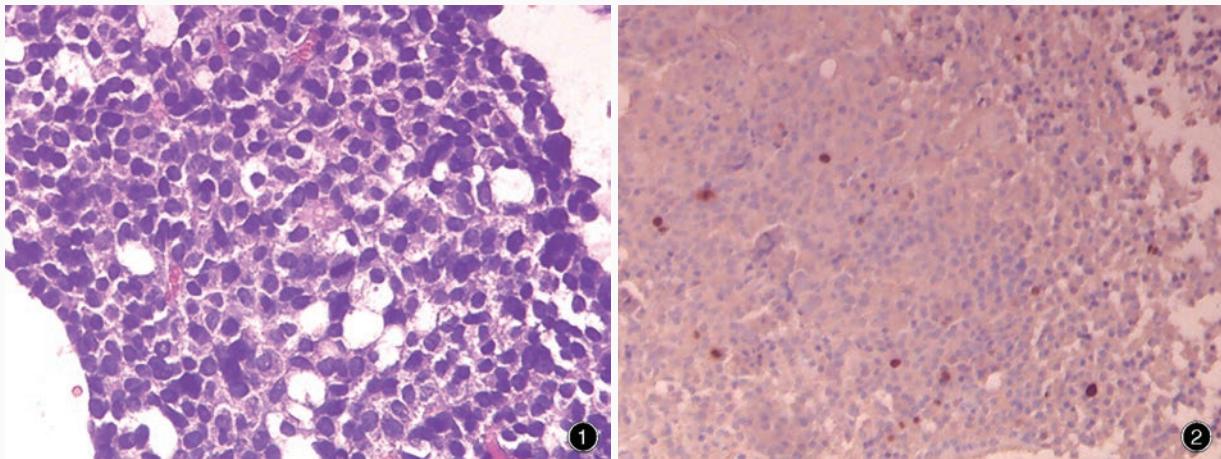


图1 光学显微镜观察显示,大多数肿瘤细胞胞核大小一致,染色质纤细,核仁不明显,其中可见1个核分裂象 HE染色 中倍放大  
图2 肿瘤细胞Ki-67抗原标记指数>3%,可见核分裂象 免疫组织化学染色(EnVision二步法) 低倍放大

**Figure 1** Optical microscopy findings. Most tumor cells presented same-size nuclei with stippling chromatin and inconspicuous nucleoli. Mitosis could be seen in one cell HE staining medium power magnified **Figure 2** The Ki-67 labeling index of tumor cells was more than 3%, and mitosis could be seen in two cells Immunohistochemical staining (EnVision) low power magnified

部分垂体腺瘤含不典型性细胞形态,提示其呈浸润性生长的侵袭性生物学行为。并非单纯指细胞核异型性,其他特征还包括细胞核分裂象增加(图1)和Ki-67抗原标记指数>3%(图2),以及细胞核P53免疫组织化学染色阳性。这些病理学特征通常鲜见于非侵袭性垂体腺瘤,几乎全部垂体瘤均有上述病理学表现。凡具有上述病理学特点的中枢神经系统肿瘤,如无转移的证据,可作出“非典型垂体腺瘤”的诊断。

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