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· 临床医学图像 ·

间变性脑膜瘤

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Anaplastic meningioma

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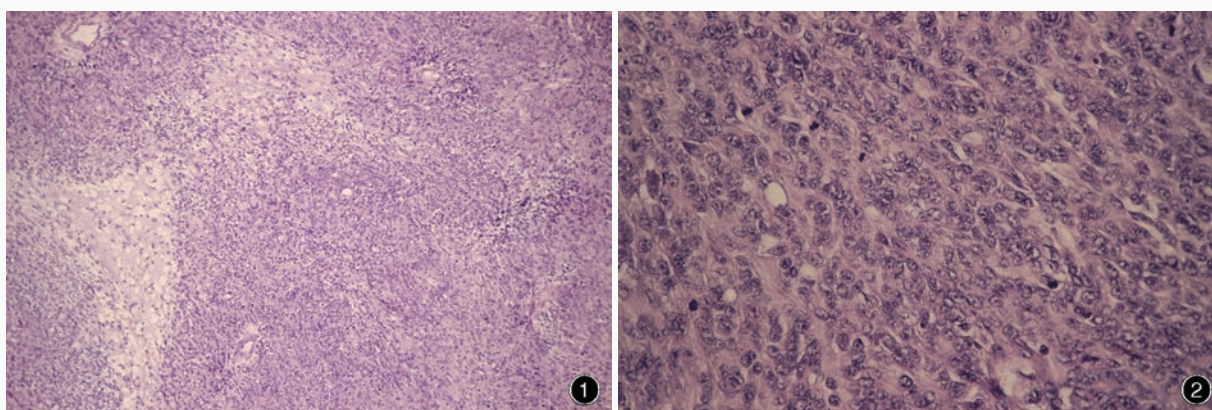


图1 光学显微镜观察显示,细胞明显恶变,失去典型脑膜瘤的组织学特点 HE染色 低倍放大 图2 光学显微镜观察显示,肿瘤细胞呈片状排列,核分裂象多见 HE染色 高倍放大

Figure 1 Optical microscopy findings. The tumor cells showed obvious malignant transformation, losing the typical histological feature of meningioma. HE staining low power magnified **Figure 2** Optical microscopy findings. Sheet-like anaplastic meningioma cells with numerous mitoses could be seen. HE staining high power magnified

间变性脑膜瘤属于WHOⅢ级,其组织学特点与非典型脑膜瘤相比,呈现明显的恶性特点,表现为癌样、恶性黑色素瘤样或高级别肉瘤样改变(图1);核分裂象多见($\geq 20/10$ 个高倍视野),仅有肿瘤组织浸润脑组织一项指标不足以明确诊断。部分脑膜瘤可进展为非典型或间变性脑膜瘤,其在复发过程中逐渐失去脑膜上皮的典型特点。光学显微镜观察,肿瘤细胞胞核呈多形性,核仁明显,核分裂象多见、核/质比高(图2);一般不表达上皮膜抗原(EMA),可弱表达S-100蛋白(S-100)。

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