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· 临床医学图像 ·

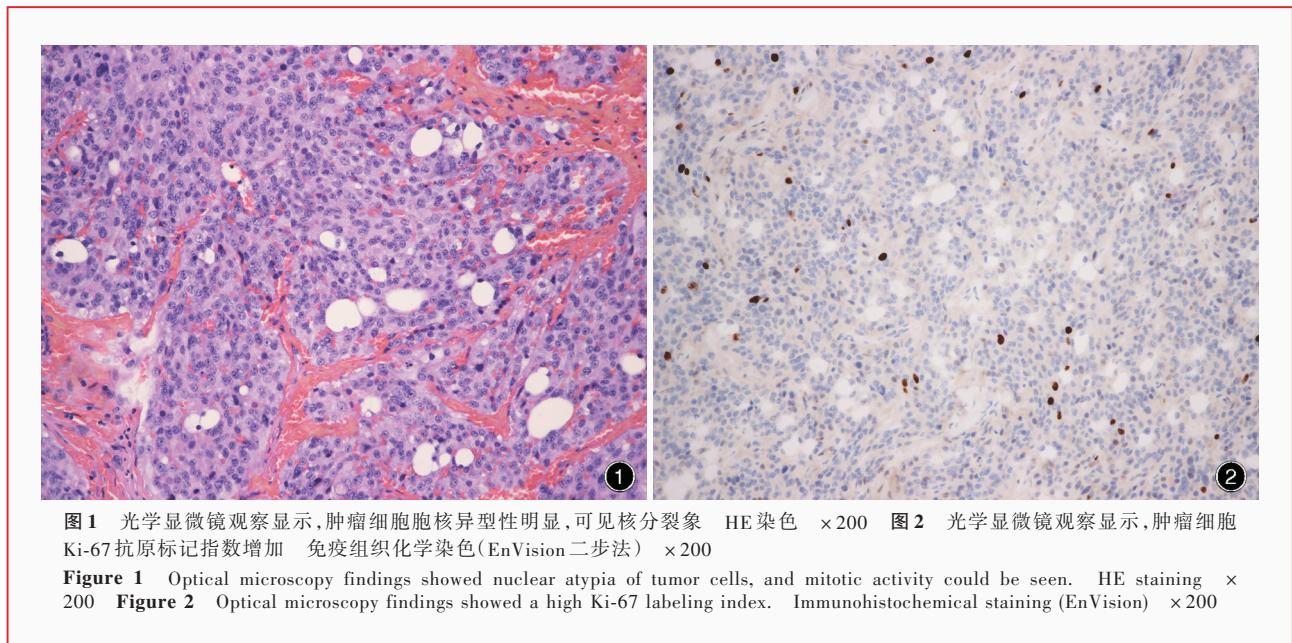
垂体癌

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Pituitary carcinoma

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垂体癌是限制在腺垂体细胞的恶性肿瘤,可出现脑、脊髓和(或)全身转移,无诊断性组织学形态特征。明确诊断应具备以下条件:原发灶为腺垂体肿瘤;排除其他可能病变;肿瘤在脑和脊髓间断性播散;病理学特征与原发灶一致。神经元分化十分罕见。约60%的原发性垂体癌呈现典型垂体腺瘤的组织学形态特征,转移癌常表现为更显著的异常组织学形态特征,如细胞多形性、胞核异型性、核分裂象(图1)、坏死和血管侵袭。免疫组织化学染色与垂体腺瘤相似,神经内分泌标志物如突触素(Syn)或嗜铬素A(CgA)呈阳性,垂体激素表达各异,最常见的是催乳素(PRL)和促肾上腺皮质激素(ACTH)呈阳性,P53蛋白亦可呈阳性,Ki-67抗原标记指数增加(图2)。

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