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·临床医学图像·

间变性星形细胞瘤

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Anaplastic astrocytoma

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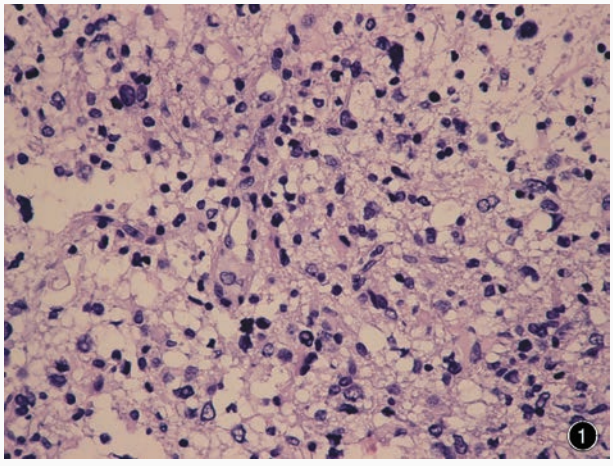

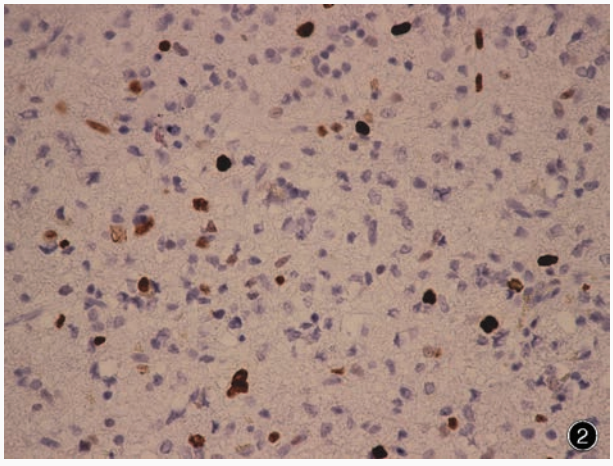

图1 光学显微镜观察可见细胞核异型性、染色质深染，核仁不明显 HE染色 高倍放大 **图2** 光学显微镜观察显示，Ki-67抗原标记指数较高 免疫组织化学染色（EnVision二步法） 高倍放大

Figure 1 Optical microscopy findings showed nuclear atypia, deep staining, and only inconspicuous nucleli. HE staining high power magnified **Figure 2** Optical microscopy findings showed the Ki-67 labeling index was relatively high. Immunohistochemical staining (EnVision) high power magnified

间变性星形细胞瘤是弥漫性浸润的恶性星形细胞肿瘤，成人好发，发生于大脑半球，可能起源于WHOⅡ级弥漫性星形细胞瘤，亦可能原发，通常无低度恶性原始病变，具有进展为胶质母细胞瘤的倾向。组织学特征与弥漫性星形细胞瘤基本相似，但细胞密度、核异型性、染色质深染和核分裂象增加（图1）。局灶性或弥漫性高细胞密度是诊断依据，即使细胞密度不增加，存在足够的核分裂象亦可明确诊断。伴进行性间变者核多形性更加复杂，胞核大小、形态不一，染色质密集或分散，核仁明显、数目增加；无微血管增生（多层血管）和坏死。与弥漫性星形细胞瘤相比，间变性星形细胞瘤Ki-67抗原标记指数升高（图2）。

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