

- [陈星荣, 沈天真, 段承祥. 全身 CT 和 MRI. 上海: 上海医科大学出版社, 1994: 171-174.]
- [15] Liu JS, Wang GJ, Bu XY, Zhang YF, Chen YJ. Pathogenetic mechanism of cranial hyperostosis in patient with meningioma. Zhongguo Lin Chuang Shen Jing Wai Ke Za Zhi, 2002, 7:282-283.[刘家胜, 王国军, 步星耀, 张永福, 陈艳军. 脑膜瘤颅骨增生的发生机制. 中国临床神经外科杂志, 2002, 7:282-283.]
- [16] Lee JW, Lee IS, Choi K, Lee YH, Yi JH, Song JW, Suh KJ, Kim HJ. CT and MRI findings of calcified spinal meningiomas: correlation with pathological findings. Skeletal Radiol, 2010, 39: 345-352.
- [17] Younis GA, Sawaya R, DeMonte F, Hess KR, Albrecht S, Bruner JM. Aggressive meningeal tumors: review of a series. J Neurosurg, 1995, 82:17-27.
- [18] Partington MD, Scheithauer BW, Piepgras DG. Carcinoembryonic antigen production associated with an osteolytic meningioma: case report. J Neurosurg, 1995, 82:489-492.
- [19] Nakasu S, Fukami T, Jito J, Nozaki K. Recurrence and regrowth of benign meningiomas. Brain Tumor Pathol, 2009, 26:69-72.
- [20] Kasuya H, Kubo O, Tanaka M, Amano K, Kato K, Hori T. Clinical and radiological features related to the growth potential of meningioma. Neurosurg Rev, 2006, 29:293-297.
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· 临床医学图像 ·

胚胎癌

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Embryonal carcinoma

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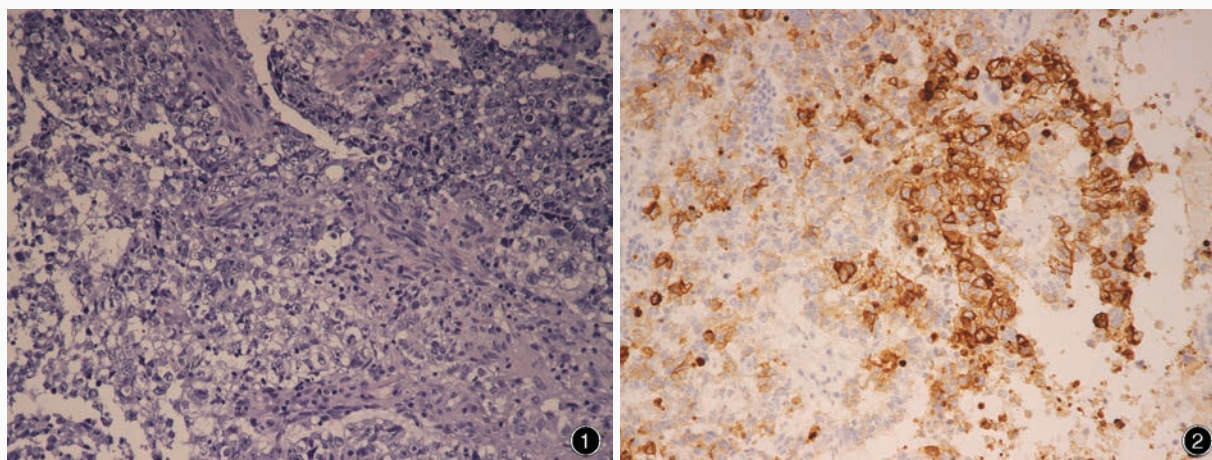


图1 光学显微镜观察显示,肿瘤细胞体积较大、核仁较大,紧密排列呈片状或乳头状 HE染色 $\times 200$ 图2 光学显微镜观察显示,肿瘤细胞胞质和胞膜均表达PLAP 免疫组织化学染色(EnVision二步法) $\times 200$

Figure 1 Optical microscopy showed the tumor was composed of large epithelial cells proliferating in densely sheet or papillary pattern with large nucleoli. HE staining $\times 200$ Figure 2 Optical microscopy showed the membrane and cytoplasm of tumor cells were positive for PLAP. Immunohistochemical staining (EnVision) $\times 200$

胚胎癌细胞体积较大,紧密连接呈巢状或片状、不完全乳头状、不规则条状或腺样排列(图1);亦可排列成早期胚胎样结构,形成“胚胎”样小体,含胚盘和小羊膜腔。肿瘤细胞胞核较大,胞质丰富、呈透明至紫色不等,核分裂象活跃伴凝固样坏死。肿瘤细胞胞质弥漫性表达细胞角蛋白(CK),提示肿瘤呈上皮样细胞分化,可资与大部分生殖细胞肿瘤相鉴别;肿瘤细胞胞质和胞膜亦表达胎盘碱性磷酸酶(PLAP,图2)和OCT4。

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