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done for all the patients. **Results:** After analyzing more than 20 factors, it was found that the difference of only 15 factors was of statistical significanc. The results of a multiple stepwise Logistic regression showed: ① the serious of primary disease(OR= 9.40),② use of nasogastric tubes(OR= 8.86),③ conciousness(OR= 8.39),④ mechanical ventilation using(OR= 6.89),⑤ trauma of brain(OR= 6.60),⑥ frequent changing of the ventilator equipmant (OR= 6.44),⑦ stress ulcer prophylaxis(OR= 5.52),⑧ long hospitalization(OR= 4.31). Being perfused into the body through nasogastric tubes, Methylene blue were found in the secretion of the throat and the lower respiratory tract after two days, which suggested that there existed retrograde infection from the stomach to the throat and to the lower respiratory tract. **Conclusion:** The development of ventilation-associated pneumonia results from many rish factors including exogenous and endogenous ones. The retrograde infection from the stomach is one of the most important.

Key words Ventilation-associated pneumonia; risk factors; nested case-control study; Logistic regression

眼眶间叶性软骨肉瘤 1例

A case of mesenchymal chondrosarcoma in the orbit

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眼眶间叶性软骨肉瘤罕见,国内仅 1983年易玉珍等[1]报道 2例。现将我们收治一例报道如下。

1 临床资料

男性,20岁,9个月前无任何诱因出现右眼眼球突出伴视力下降,外院曾用中药治疗无效,眼球突出、视力下降逐渐严重,并伴眼睑不能闭合、眼红、流泪,近二月视物不见,于 1996年 12月 2日以"右眼眶肿瘤"诊断入院。检查全身情况未见异常。视力:右眼无光感,左眼 1.2 右眼睑肿胀(+),上眼眶内侧扪及一约 2.5 cm× 1.5 cm大小、质硬固定、无压痛肿块,基底深,无法扪及。右眼球极度向颞下方突出,眼球向各方向运动均受限,眼睑自然闭合时角膜下 3/5暴露于睑裂外,下方角膜轻度水肿混浊,眼底较清晰,黄斑中心凹不见反光,视乳头水肿。CT检查示:右侧眼眶内球后方偏内侧一约 3.2 cm× 5.7 cm的软组织块影,块影内伴有斑片状钙化灶。块影外侧紧邻视神经并推移视神经向外移位,后侧达眶尖上方,术前诊断:脑膜瘤? 12月 17日全麻下行眶内肿瘤摘除术,术中见瘤体质硬,瘤体大,深至眶尖,基底宽而固定,有部分粘连。病理学检查见瘤组织主要由幼稚的间叶细胞和软骨细胞构成,散见片状钙化灶。诊断为:间叶性软骨肉瘤(病理号 966111)。

2 讨论

眼眶间叶性软骨肉瘤是来源于有成软骨潜能的原始间叶组织的恶性肿瘤[2],国外文献截至 1995年共报告 13例[3~6],国内仅报道 2例。此瘤好发于青少年,其年龄在 10~ 35岁之间[4],本例在此范围。间叶性软骨肉瘤临床、组织学及生物学行为不同于普通软骨肉瘤,瘤细胞保持早期未分化状态,具有恶性程度高、生长迅速的特点,但转移发生较晚,多转移至肺,也有迅速死亡者[1]。本例病程 9个月,瘤体大,有由眶尖向颅内生长的趋势。由于该瘤在眼眶发病率极低,故我们对其认识不足,块影中见钙化灶,导致我们曾误诊为"脑膜瘤"。对于间叶性软骨肉瘤治疗宜早行眶内容剜除术,国外文献报道该瘤放疗效果较好。本例患者不接受眶内容剜除术,经放射线治疗,半年后随访存活。

关键词 间叶性软骨肉瘤;眶肿瘤
中图法分类号 R739.72

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