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论文

Survivin检测在肺肿瘤胸腔积液诊断中的临床价值

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摘要:

目的 研究胸水中Survivin含量测定对肺肿瘤性胸腔积液诊断的临床意义。**方法** 收集102例经病理确诊的肺肿瘤伴胸腔积液患者的胸水作为肿瘤组,以87例结核性渗出性胸膜炎患者的胸水为结核组。以ELISA法检测2组胸水中的Survivin含量,同时检测胸水中CEA、NSE、CYFRA21-1的含量并对结果进行统计学分析。结果肿瘤组胸水Survivin的含量为(52.290±41.421) pg/mL,与结核组胸水Survivin的含量(17.286±16.734) pg/mL相比明显升高,差异有统计学意义(P<0.01),其敏感性高于胸水CEA、NSE、CYFRA21-1等肿瘤标志物的检测。**结论** 胸水中Survivin检测可作为肺肿瘤所致胸腔积液诊断的一个敏感指标,具有一定临床实用价值。

关键词: Survivin; 胸腔积液; 肺肿瘤; 诊断

Diagnostic value of Survivin in pulmonary cancerous pleural effusion

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Abstract:

Objective To investigate the diagnostic value of survivin determination in pulmonary cancerous pleural effusion. **Methods** The pleural fluid specimens were collected from 102 patients with lung cancer and 87 patients with tuberculous pleurisy. Survivin was determined by ELISA. And the levels of CEA, NSE, and CYFRA21-1 were detected in the pleural effusion. The results were analyzed with statistical methods. **Results** The survivin level of the malignant pleural effusion was 52.290±41.421pg/mL, which was significantly higher than that of the tuberculous pleural effusion (17.286±16.734pg/mL) (P<0.01). Survivin is more sensitive in detemines of pleural effusion than the above other three tumor makers (CEA,NSE, and CYFRA21-1). **Conclusion** Survivin may be used as a new sensitive and significant marker for diagnosis of lung cancer.

Keywords: Survivin; Dleural effusion; Lung cancer; Diagnosis

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