

CT引导经皮肺穿刺对孤立性肺结节的诊断及并发症相关因素分析

《现代肿瘤医学》[ISSN:1672-4992/CN:61-1415/R] 期数: 2018年23期 页码: 3772-3776 栏目: 论著 (胸部肿瘤) 出版日期: 2018-11-01

Title: CT-guided percutaneous pulmonary puncture for diagnosis of peripheral nodular lesions and related factors of complications

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关键词: 经皮肺穿刺活检; 周围型孤立性肺结节病变; CT引导; 并发症

Keywords: percutaneous puncture biopsy; peripheral nodular lesions; CT-guide; complication

分类号: R734.2

DOI: 10.3969/j.issn.1672-4992.2018.23.017

文献标识码: A

摘要: 目的: 探讨CT引导下的经皮肺穿刺活检术对周围型孤立性肺结节病变的诊断价值。方法: 选取湖南省岳阳市一人民医院2014年1月到2016年12月因周围型孤立性肺结节病变患者112例, 分析病理诊断的诊断价值及术后并发症的相关因素。结果: 所有患者均穿刺成功, 确诊率为96.43%。出血的发生与病灶大小、病灶周围炎症及病灶旁肺气肿等因素有关 (均 $P<0.05$)。结论: CT引导下经皮肺穿刺活检对周围型孤立性肺结节病变的诊断准确率较高, 其术后主要并发症是气胸和出血。

Abstract: Objective: To determine the value of CT-guided percutaneous puncture for the diagnosis of pulmonary peripheral nodular lesions. Methods: This retrospective study enrolled 112 patients with pulmonary peripheral nodular lesions undergoing CT-guided percutaneous lung biopsy from the First People's Hospital of Yueyang to analyze the diagnostic value of pathological diagnosis and the related factors of postoperative complications of patients with pulmonary peripheral nodular lesions. Results: All the patients were successfully completed the puncture, and the diagnosis rate was 96.43%. The occurrence of hemorrhage was related to the size of the lesion, the inflammation around the lesion and the emphysema around the lesion (all $P<0.05$). Conclusion: CT-guided percutaneous pulmonary biopsy has high accuracy in the diagnosis of pulmonary peripheral nodular lesions. The main postoperative complications are pneumothorax and hemorrhage.

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备注/Memo: -

更新日期/Last Update: 1900-01-01