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高频彩色多普勒超声诊断与鉴别诊断附睾肿瘤

Value of high-frequency color Doppler ultrasound in diagnosis and differential diagnosis of epididymal tumor

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中文摘要:

目的 探讨高频彩色多普勒超声在附睾肿瘤的诊断及鉴别诊断中的价值。方法 回顾性分析27例附睾肿瘤(共28个肿瘤)的二维及彩色多普勒超声表现,并与临床资料及术后病理类型对照分析。结果 27例中,良性肿瘤21例,恶性肿瘤6例。附睾良性肿瘤超声表现多呈局限性病变,形态规则,边界清,回声均质,无或仅有少量血流信号;而恶性肿瘤多为弥漫性病变,形态不规则,不清,回声紊乱,血流信号丰富,并可累及邻近组织器官或发生远处转移。超声对附睾肿瘤的检出率达96.43%(27/28)。结论 高频彩色多普勒超声对附睾肿瘤具有较高的诊断及鉴别诊断价值。

英文摘要:

Objective To explore the value of high-frequency color Doppler ultrasound in diagnosis and differential diagnosis of the epididymal tumors. **Methods** The features of 2-dimensional and color Doppler ultrasound of 27 patients with 28 epididymal tumors were analyzed and compared with clinical features as well as pathological types retrospectively. **Results** There were 21 cases of benign and 6 cases of malignant tumors. Most benign tumors appeared as focal, well-defined, regular margined homogeneous lesions with no or little blood flow signals, while malignant tumors appeared as diffuse, poorly defined, irregular margined lesions with markedly blood flow signals and invasion of adjacent and/or distant structures. The total detective rate of ultrasound for epididymal tumors was 96.43% (27/28). **Conclusion** High frequency color Doppler ultrasound has good value in diagnosis and differential diagnosis of epididymal tumors.

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