

腎上腺腺瘤在磁振造影之一異常表現

An unusual presentation of adrenal adenoma on magnetic resonance images: case report

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摘要

化學相差磁振造影中，順相及逆相脈衝序最之腫瘤訊號強度的變化，應用在臨床上分辨腎上腺良性或惡性腺瘤是有用且逐漸被接受的影像診斷工具。我們報告一個發生在三十六歲婦女身上，大小約 5.5×3.0×2.0 立方公分，在化學相差磁振造影中，順相逆相脈衝序最之腫瘤訊號強度接近，無明顯降低的腎上腺良性腺瘤。她接受後腹腔鏡腎上腺切除手術。在病理顯微鏡診斷下，此腎上腺良性腺瘤主要由緻密的細胞所組成，不似其它多數的腎上腺良性腺瘤細胞內富含脂肪；此腺瘤的組織學變化造成化學相差磁振造影影像的特殊表現。

Abstract

Chemical-shift Magnetic resonance (MR) imaging is gradually accepted as a useful technique to distinguish benign adrenal lesions from malignant counterparts based on in-phase and out-of-phase gradient-echo pulse sequences. We report a 30-year-old female with symptomatic adrenogenital syndromes due to a right adrenal adenoma. 5.5×3.0×2.5cm³ in size. The MR images showed no significant in-phase and out-of-phase difference, and the retroperitoneal laparoscopic adrenalectomy was employed. Microscopically, the benign tumor with histological variability was composed of compact cells without lipid, which may cause the non-shifting MR images