

临床医学

含脂肪肾上腺良性肿瘤的CT表现

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摘要:

目的 探讨含脂肪肾上腺良性肿瘤的CT表现特征。方法 对经病理证实19例含脂肪肾上腺良性肿瘤的CT表现进行回顾性分析, 19例均行CT平扫, 其中9例行增强扫描。结果 肾上腺髓脂瘤13例, 脂肪瘤及成熟畸胎瘤各2例, 血管平滑肌脂肪瘤和脂肪瘤样节细胞神经瘤各1例。均表现为边缘清楚含脂肪混杂密度影。13例髓脂瘤中, 11例以脂肪密度为主, 其余2例以骨髓组织为主。其中3例内见点状钙化影, 6例增强扫描髓样组织均呈轻度强化。2例脂肪瘤均表现为边缘清楚均匀一致脂肪密度影。2例成熟畸胎瘤内含有多发钙化灶、软组织及脂肪密度影, 其中软组织呈轻度强化; 肾上腺血管平滑肌脂肪瘤1例, 部分实性成分增强扫描呈明显强化。脂肪瘤样节细胞瘤以脂肪密度为主, 实性部分较少, 增强扫描具有渐进性强化特征。结论 含脂肪肾上腺良性肿瘤种类繁多, 其CT表现具有一定的特征。

关键词: 肾上腺; 脂肪瘤; 畸胎瘤; 血管平滑肌脂肪瘤; 髓脂瘤; 节细胞神经瘤; 体层摄影术, X线计算机

CT performance of benign adrenal fat-containing tumor

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Abstract:

Objective To investigate the CT performance of adrenal fat-containing tumor. Methods CT manifestations of 19 cases with adrenal fat-containing tumor confirmed by pathology were retrospectively analyzed. 19 cases were performed with CT plain scan, including 9 cases with enhanced CT scan. Results There were 13 cases of myelolipoma, 2 cases of lipoma, 2 cases of teratoma, 1 case of angiomyolipoma and 1 case of lipomatous ganglioneuroma. All cases appeared mixed densities of fat tissues with distinct edges. Among 13 cases of myelomas, 11 cases based on fatty components, and the myeloid components were predominant in 2 cases. There were 3 cases which showed calcification. Enhanced CT showed mild enhancement in the myeloid components of 6 cases. 2 lipoma cases showed uniform fat densities with clear borders. 2 mature teratoma cases containing multiple calcifications, soft-tissues and fat tissues, and the soft-tissue components were mildly enhanced. CT showed that parts of the solid components were markedly enhanced in the angiomyolipoma. The fatty component of the lipomatous ganglioneuroma was predominant, and the soft-tissue component was enhanced gradually. Conclusion Different types of benign fatty tumors were noted in the adrenal gland. Their CT appearances were some features.

Keywords: Adrenal gland; Lipoma; Teratoma; Angiomyolipoma; Myelolipoma; Ganglioneuroma; Tomography, X-ray computed

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