

张薇薇,许乙凯.低度恶性肌纤维母细胞肉瘤的影像学表现[J].中国医学影像技术,2012,28(8):1591~1595

## 低度恶性肌纤维母细胞肉瘤的影像学表现

### Imaging findings of low-grade myofibroblastic sarcoma

投稿时间: 2012-03-16 最后修改时间: 2012-05-04

DOI:

中文关键词: [肌纤维瘤](#) [磁共振成像](#) [体层摄影术](#) [X线计算机](#)

英文关键词: [Myofibroma](#) [Magnetic resonance imaging](#) [Tomography](#), [X-ray computed](#)

基金项目:

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中文摘要:

目的 分析低度恶性肌纤维母细胞肉瘤(LGMS)的影像学表现,并与病理相对照。方法 回顾性分析12例(13个病灶)经手术病理证实的LGMS的乳腺钼靶X线、CT、MRI表现特征及其病理诊断。结果 12例中,男4例,女8例,中位年龄44岁;11例单发,1例多发。12个病灶呈分叶和(或)膨胀性生长,边界清楚,瘤周水肿不明显,1个病灶呈浸润性生长。病灶大体T1WI呈均匀低信号,T2WI呈不均匀较高信号,内可见多条低信号分隔,偶有囊变、出血,增强后呈明显厚壁花环样强化。CT平扫病灶大体呈中等稍低密度,可见大片状钙化,实质部分CT值为30~47 HU;增强后呈渐进性均匀或环形强化;乳腺钼靶X线片表现为分叶状中等稍高密度影。12例中,2例发生远处转移,3例复发,其中1例复发8次。影像学表现与病理结果相符。结论 LGMS的影像学表现具有一定特征性。

英文摘要:

**Objective** To analyze imaging appearances of low-grade myofibroblastic sarcoma (LGMS) compared with pathologic findings. **Methods** Twelve patients (13 lesions) of LGMS confirmed histopathologically were analyzed. MRI, CT or mammography morphological characteristics of lesions were observed and compared with pathologic findings. **Results** Four patients were male, 8 patients were female, with the median age of 44 years. Twelve tumors were lobulated solid and/or grew expansively, with clear and sharp boundary, without peritumoral edema (12 lesions), while 1 tumor grew invasively. Single lesion was found in 11 patients and multiple in 1 patient. T1WI showed hypointense lesions, T2WI showed mild heterogeneous hyperintense lesions, and garland-like or heterogeneous enhancement revealed in the parenchymal of the tumor. CT could find calcification in the lesions, the plain CT value of the tumor paranchyma were 30-47 HU, and progressive enhancement was observed after injection of contrast agent. Mild high density was found in mammography in breast lesion. Among all 12 patients, metastases were found in 2 patients, and reoccurrence happened in 3 patients, 1 patient had 8 times of reoccurrence. Imaging appearances were consistent with the histopathologic results. **Conclusion** Imaging appearances of LGMS are characteristic.

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