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## 胰腺实性假乳头状瘤的多层螺旋CT表现与病理对照

### Solid-pseudopapillary tumor of pancreas: MSCT imaging features and correlation with pathological findings

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作者	单位	E-mail
<a href="#">胡敏霞</a>	<a href="#">中国医学科学院 北京协和医学院 肿瘤医院影像诊断科,北京 100021</a>	
<a href="#">赵心明</a>	<a href="#">中国医学科学院 北京协和医学院 肿瘤医院影像诊断科,北京 100021</a>	xinmingzh@sina.com
<a href="#">罗巍</a>	<a href="#">中国医学科学院 北京协和医学院 肿瘤医院病理科,北京 100021</a>	

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中文摘要:

目的 分析胰腺实性假乳头状瘤(SPTP)的MSCT表现。方法 分析19例SPTP患者的MSCT二期或三期增强扫描CT表现,并与手术病理结果对照分析。结果 SPTP为胰腺单发外突性生长肿瘤,12例呈分叶状,6例呈卵圆形,1例呈类圆形。10例最大径 $\geq 5.0$  cm,17例见完整包膜,1例未见包膜,1例包膜破裂、不完整,4例见壁结节。肿瘤呈多囊实性混杂病变,增强后肿瘤实性部分动脉期轻、中度强化,门脉期呈渐进性延迟强化。2例伴出血,7例伴钙化,1例伴胰管扩张。18例镜下可见假乳头状结构以及出血坏死囊变,病理证实1例肠系膜区淋巴结转移,2例胰管浸润,3例胰腺周围正常组织受侵,1例十二指肠受侵。结论 SPTP的MSCT表现具有一定的特征性,平扫及多期增强扫描有助于诊断及鉴别诊断。

英文摘要:

**Objective** To analyze the CT features of solid-pseudopapillary tumor of the pancreas (SPTP). **Methods** Nineteen patients with SPTP proved pathologically underwent two-phase or three-phase enhanced CT, and the CT findings were analyzed combined with pathological findings. **Results** SPTP manifested as solitary and exogenous masses, appeared as lobulated in 12 patients, as oval in 6, and similar to round in 1 patient. The maximal diameter of SPTP was beyond 5 cm in 10 patients, complete capsule was observed in 17 patients, incomplete capsule was observed in 1 patient, no capsule was found in 1 patient and wall nodular was seen in 4 patients. The lesion showed as a heterogeneous mass composed of solid and polycystic parts. After contrast administration, the solid composition showed mild-moderate enhancement in arterial phase, and progressive delayed enhancement in portal phase. Hemorrhage was seen in 2 patients, calcification was seen in 7 patients, pancreatic duct dilation was showed in 1 patient. Pseudopapillary structure, hemorrhage, necrosis and cystic degeneration were seen in 18 patients under microscopy. Mesenteric lymph nodule metastasis was showed in 1 patient, vascular invasion in 2, pancreatic tissue invasion in 3 and duodenal invasion in 1 patient. **Conclusion** SPTP has characteristic CT features. Non-enhanced and multiphase contrast-enhanced CT scanning are helpful to the diagnosis and differential diagnosis of SPTP.

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地址: 北京市海淀区北四环西路21号大猷楼502室 邮政编码: 100190 电话: 010-82547901/2/3 传真: 010-82547903

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