

中文核心期刊要目总览核心期刊
中国科技核心期刊
中国科学引文数据库来源期刊
湖北省优秀期刊

1324
QK22339277/R

JOURNAL OF CLINICAL RADIOLOGY

临床放射学杂志

LINCHUANG FANGSHEXUE ZAZHI



ISSN 1001-9324



2022·7

第41卷(总第384期)

临床放射学杂志

LINCHUANG FANGSHEXUE ZAZHI

月刊 1982年3月创刊
第41卷 第7期
(总第384期)
2022年7月20日出版

主管
黄石市卫生健康委员会

主办
黄石市医学科技情报所
435000 湖北省黄石市杭州路23-22号

编辑
临床放射学杂志编辑委员会

出版
临床放射学杂志社
435000 湖北省黄石市杭州路23-22号
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临床放射学杂志社编辑部

印刷
武汉科源印刷设计有限公司

发行
国内:湖北省邮政报刊发行局
国外:中国国际图书贸易集团有
限公司
(北京 100048) 代号:M6815

订购
全国各地邮政局邮发代号:38-57

邮购
临床放射学杂志社发行部
435000 湖北省黄石市杭州路23-22号
电话: (0714)6222015

定价
每期15元,全年180元

中国标准连续出版物号
ISSN 1001-9324
CN 42-1187/R

广告经营许可证号
4202025000021

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Publishing

Publishing House of Journal of Clinical Radiology 23-22, Hangzhou Road, Huangshi, Hubei 435000, China
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E-mail: lcfzxzsbjb@163.com
http://www.lcfzxz.com

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Typesetting department, Publishing House of Journal of Clinical Radiology

Printing

Wuhan Keyuan Printing and Design Co. Ltd

Overseas Distributor

China International Book Trading Corporation 100048, Beijing, China
Code No. M6815

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综上,心脏滑膜肉瘤罕见,预后差,超声、CT、MRI 检查可明确肿瘤具体位置、大小、边缘形态及是否具有侵袭性、远处转移。如本例结合临床病史及超声、CT、MRI 检查,可明确心脏肿块是恶性肿瘤,对鉴别诊断具有重要意义;但最终确诊仍需病理学检查。

参考文献

1 Bakri A, Shinagare AB, Krajewski KM, et al. Synovial sarcoma: imaging features of common and uncommon primary sites, metastatic patterns, and treatment response [J]. Am J Roentgenol, 2012, 199: W208-215.
 2 Liang C, Mao H, Tan J, et al. Synovial sarcoma: Magnetic resonance and computed tomography imaging features and differential diagnostic considerations[J]. Oncol Lett, 2015, 9:661-666.
 3 徐一凡,侯英勇,栾丽娟. 心脏滑膜肉瘤临床病理特征分析[J]. 中国临床医学杂志, 2019, 26:80-83.

4 卫云峰,邓紫茸,郭道宁. 心脏滑膜肉瘤超声表现 1 例[J]. 临床超声医学杂志, 2019, 21:221.
 5 任春琦,郭立琳,方理刚,等. 左心室原发性滑膜肉瘤一例[J]. 中国心血管杂志, 2013, 18:303-304.
 6 杨倩,聂婷婷,张水霞,等. 胃滑膜肉瘤一例[J]. 临床放射学杂志, 2020, 39:1492-1493.
 7 Liang C, Mao H, Tan J, et al. Synovial sarcoma: Magnetic resonance and computed tomography imaging features and differential diagnostic considerations[J]. Oncol Lett, 2015, 9:661-666.
 8 Caracciolo JT, Henderson-Jackson E, Binitie O, et al. Synovial sarcoma of bone: Sarcomatypically of soft tissues presenting as a primary bone tumor[J]. Radiol Case Rep, 2018, 14:204-207.
 9 Kang Z, Min XD, Feng ZY, et al. Monophasic synovial sarcoma of the liver; a case report[J]. Chin J Oncol, 2016, 38:949-950.
 10 金开元,李邦国,陈晓曦,等. 滑膜肉瘤 CT、MRI 表现与鉴别诊断[J]. 实用放射学杂志, 2019, 35:940-947.

(收稿:2021-06-02 修回:2021-07-15)

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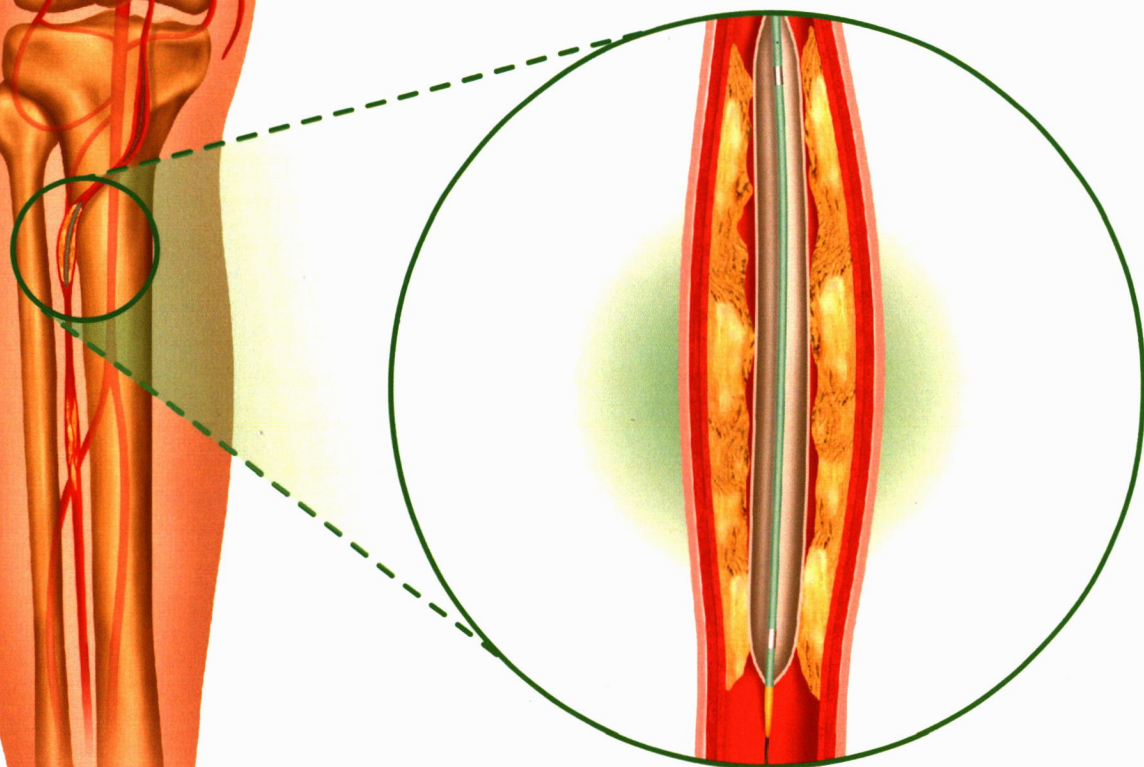
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