

实用放射学杂志

SHIYONG FANGSHE XUE ZAZHI

月刊

1985年3月创刊

第35卷 第3期 (总第357期)

2019年3月20日出版

主管

陕西省卫生和计划生育委员会

主办

实用放射学杂志社

编辑

实用放射学杂志编辑委员会

主编

宦 怡 郭佑民

社 长

杨军乐

出 版

实用放射学杂志社
西安市环城南路西段20号
海联大厦605室 710068

电 话

社长室(029)88404722
办公室、广告部
(029)82122003(传真)
编辑部、发行部
(029)82122004

E-mail: syfsxzz@sina.com

网 址: www.syfsxzz.com.cn

印 刷

西安盛景印务有限公司

发 行

国内:中国邮政集团公司陕西省报刊发行局
国外:中国国际图书贸易集团有限公司
(北京399信箱,100044)
代号:M 5986

订 阅

全国各地邮政局
邮发代号:52-93

邮 购

实用放射学杂志社发行部

定 价

每期15.00元,全年180.00元

中国标准连续出版物号

ISSN 1002-1671
CN 61-1107 / R

2019年版权归实用放射学杂志社所有
如有印装质量问题,本刊发行部负责调换

万方数据

目 次

中枢神经放射学

- CT“混杂密度征”预测急性脑出血早期血肿扩大的应用研究 梁 奕,曾 聰,杨威威,等(341)
基于灰质体积共变模式的正常男性丘脑分割 李 颖,激 扬,王雪莉(345)
大脑中动脉狭窄或闭塞时的脑血流量变化MRI研究 刘征华(349)
MRI在垂体腺瘤术前质地判断中的预测价值 同斯平,张秋娟,Zahid Nadeem,等(353)
肥胖细胞型星形细胞瘤MRI表现 吴 静,汪文胜,成丽娜,等(357)

头颈部放射学

- 动态增强MRI鉴别鼻腔良性内翻乳头状瘤和其恶变的价值 于京隔,闫 浩,刘延军,等(362)

胸部放射学

- 有手术指征的冠状动脉瘘多层螺旋CT表现及其临床应用价值 李 炜,袁明远,朱徐清,等(367)
肺软骨瘤的CT诊断 王鹤翔,李 杰,陈艳艳,等(371)
造血干细胞移植术后肺部并发症的CT特征 李 英,伊慧明,李 琼(374)

心血管放射学

- 基于冠状动脉CT血管成像分析艾滋病患者冠状动脉疾病的性别差异 董晓美,张永高,高剑波,等(378)
DCE-MRI直方图纹理分析对乳腺纤维瘤

和浸润性导管癌鉴别的诊断价值 梁 挺,张毅力,杜红文,等(383)

乳腺放射学

- 基于表观扩散系数值的影像结果与乳腺癌新辅助化疗疗效的关系分析 佟 颖,米 楠,张 荣,等(387)
钼靶X线及临床特征与早期三阴乳腺癌复发的相关性分析 田 萍,徐华军,张惠美,等(391)

腹部放射学

- 无中心瘢痕型肝脏局灶性结节增生的影像表现 王 潘,陈梅鹃,黄 伟,等(396)
多层螺旋CT联合超声对急性阑尾炎的诊断价值 江志文,高小萌,郑 驰,等(400)

泌尿生殖放射学

- 宫腔粘连的子宫输卵管造影和MRI征象 徐嘉璐,孙明华,朱家樑,等(403)
MRI体素内不相干运动对晚孕期胎盘植入胎盘血流灌注状态的初步研究 路 涛,蒲 红,崔 威,等(407)
子宫假性动脉瘤及动静脉畸形的MRI特征表现 许剑涛,宋 亭,冯剑敏,等(411)
1.5T多参数磁共振成像评分法对早期中央腋区前列腺癌的诊断价值 陈 凯,李 涛,胡 芳,等(414)

不同亚型乳头状肾细胞癌 CT 影像鉴别与病理对照研究 王君广, 周赵霞, 张夏, 等(418)

骨骼肌肉放射学

多发性骨髓瘤外病变的影像表现特点 吴美红, 王龙胜, 郑穗生, 等(422)

色素沉着绒毛结节性滑膜炎与腱鞘巨细胞瘤的 MRI 特征及鉴别诊断 杨小红, 李博雅, 李明智, 等(426)

3D-SPACE 序列对显示膝关节后外侧复合体的价值 刘良卿, 邢伟, 郑建刚, 等(430)

小儿放射学

苍白球与壳核 T₁WI 信号比值在足月儿急性高胆红素相关脑病的临床研究 尹家瑜, 申炜, 许梅海, 等(433)

介入放射学

不同 T₂WI 信号强度子宫肌瘤的高强度聚焦超声消融效果 易根发, 赵卫, 范宏杰, 等(437)

低位腹主动脉球囊阻断辅助凶险性前置胎盘剖宫产的临床研究 范文龙, 杨正强(441)

TACE 联合氩氦刀冷冻治疗中晚期原发性肝癌的安全性和疗效分析 杨海明, 孙世蒙, 于海东, 等(444)

双 J 管置入术治疗下段输尿管狭窄和梗阻 朱亮, 张希全, 王宏学, 等(448)

影像技术学

能谱 CT 门静脉成像对肝硬化食管胃底静脉曲张出血的预测分析 马雅丽, 王贵生, 陈晓霞, 等(451)

能谱虚拟平扫在甲状腺疾病中的应用 杨志金, 陈小凤, 陈湘光(455)

2D-STI 技术评价不同 Child-Pugh 分级肝硬化患者左室纵向收缩功能 孟令玉, 姚秀芬, 王佩璐(459)

能谱 CT 多参数定量分析对鉴别肺癌病理类型的价值 胡蓉, 徐耀, 侯金鹏, 等(464)

MR 扩散峰度成像技术在急性颈髓损伤的早期诊断及预后演变中的初步应用 杨东奎, 吕国士, 刘伟, 等(469)

实验研究

Gd-EOB-DTPA 增强 T_{1ρ} 成像定量评价非酒精性脂肪肝炎的实验研究 陈发祥, 谢元亮, 张树桐, 等(473)

综述

CT 及 MRI 在卵巢上皮交界性与恶性肿瘤鉴别中的研究进展 韩旭, 孙美玉(478)

颈动脉易损性斑块的 MRI 进展 刘冬, 周丹(481)

双能量 CT 在肌肉骨骼成像中的临床应用 刘飞, 张永海(484)

肺内淋巴结的病理和影像学研究进展 张超, 王新怡(488)

短篇论著

颅内纤维肉瘤临床及影像误诊分析(附 4 例报告) 郭祺锟, 郭建强, 谭永明(491)

腹盆腔孤立性纤维瘤的影像学表现并文献复习 陈明, 查云飞, 王艳艳, 等(494)

多排螺旋 CT 小肠造影在克罗恩病诊断中的价值及活动期的影像特点 周钟珩, 蓝星, 刘绍伟, 等(498)

经验介绍

西门子 symphony 1.5T MR 维修 2 例 丁加泽, 潘新庆(502)

病例报道

喉髓外浆细胞瘤 1 例 刘项, 李浚利, 韩丹(503)

进行性骨干发育异常 1 例并文献复习 宋莹, 秦月鹏, 张斌青, 等(504)

脾脏窦岸细胞血管瘤 2 例 吴硕, 程念岚, 李邦国, 等(506)

右侧肱骨肌上皮瘤 1 例 于洋, 马越, 姜文琰, 等(507)

胆管内乳头状肿瘤 2 例并文献复习 覃滢, 肖运平, 邓奎品(509)

盲肠坏死致肝门静脉积气 1 例 张昱, 陈向飞, 姚晓群(510)

神经垂体颗粒细胞瘤 1 例 窦末未, 赖丙林, 雷剑, 等(512)

异常体动脉供应正常左下肺基底段伴左中副叶形成 1 例并文献复习 蒋功军, 朱月香, 黄婧潇, 等(513)

本刊正文内可直接使用的医学缩略语(I) (429)

本刊正文内可直接使用的医学缩略语(II) (440)

责任编辑 宣怡 责任编辑 杨军乐 校对 郭红林 排版 高丹妮

英文学术编辑 杨广夫 印 弘 吕 粟 于德新 陈宝莹 任 静 陈 欣 刘 莹

JOURNAL OF PRACTICAL RADIOLOGY

Monthly

Established in March 1985

Volume 35, Number 3

March 20, 2019

Responsible Institution

Shaanxi Health and Family
Planning Commission

Sponsor

Periodical Office of Journal
of Practical Radiology

Editing Editorial Department of
Journal of Practical
Radiology

Editor-in-Chief HUAN Yi
GUO Youmin

President YANG Junle

Publishing Periodical Office of
Journal of Practical
Radiology

Rm 605, Hailian Mansion, No.20
South Huancheng Rd, Xi'an
710068, China

Tel Editorial Dept.
(029) 82122004
(029) 82122003 (Fax)

E-mail syfsxzz@sina.com
Website www.syfsxzz.com.cn

Printing

Xi'an Shengjing Printing Co.Ltd.

General Distributor

Domestic: China Post Distributing
Bureau of Newspapers and
Periodicals of Shaanxi Province
Foreign: China International Book
Trading Corporation P. O. Box
399, Beijing 100044, China Code
No. M 5986

Subscription Local Post Offices
Code No. 52—93

Mail-Order Editorial Department
of Journal of Practical
Radiology

CSSN ISSN 1002—1671
CN 61—1107 / R

Copyright © 2018 by the Periodical
Office of Journal of Practical Radiology

万方数据

MAIN CONTENTS

Neuroradiology

Application of “blend sign” on CT predicting early haematoma expansion in acute intracerebral haemorrhage LIANG Yi, ZENG Dan, YANG Weiwei, et al (341)

Parcellation of the thalamus based on gray matter volume covariance in healthy males LI Ying, JI Yang, WANG Xueli (345)

Cerebral blood flow in patients with stenotic middle cerebral artery or stroke LIU Zhenghua (349)

Prediction of the texture of pituitary adenomas by MRI signal intensity TONG Siping, ZHANG Qiujuan, Zahid Nadeem, et al (353)

MRI features of gemistocytic astrocytoma WU Jing, WANG Wensheng, CHENG Lina, et al (357)

Head and Neck Radiology

The value of dynamic enhanced MRI imaging in the differential diagnosis between benign IP and IP malignant transformation YU Jingge, YAN Hao, LIU Yanjun, et al (362)

Thoracic Radiology

MSCT imaging features of coronary artery fistula with surgical indications and its clinical value LI Wei, YUAN Mingyuan, ZHU Xuqing, et al (367)

CT diagnosis of the pulmonary chondroma WANG Hexiang, LI Jie, CHEN Yanyan, et al (371)

CT features of pulmonary complications following hematopoietic stem cell transplantation LI Ying, YI Huiming, LI Qiong (374)

Cardiovascular Radiology

Analysis of gender differences in coronary artery disease in patients with HIV infection based on CCTA DONG Xiaomei, ZHANG Yonggao, GAO Jianbo, et al (378)

Texture analysis of differentiating breast fibroadenoma from invasive ductal carcinoma on DCE-MRI LIANG Ting, ZHANG Yili, DU Hongwen, et al (383)

Breast Radiology

The relationship between the imaging results based on ADC value and the efficacy of neoadjuvant chemotherapy in breast cancer TONG Ying, MI Nan, ZHANG Rong, et al (387)

The correlation analysis of mammography and clinical features associated with the recurrence of early stage of triple-negative breast cancer TIAN Ping, XU Huajun, ZHANG Huimei, et al (391)

Abdominal Radiology

The imaging manifestations of focal nodular hyperplasia of liver without central scar WANG Tao, CHEN Meijuan, HUANG Wei, et al (396)

Diagnostic value of MSCT combined with ultrasonography in patients with acute appendicitis JIANG Zhiwen, GAO Xiaomeng, ZHENG Chi, et al (400)

Genitourinary Radiology

Hysterosalpingography and MRI features of intrauterine adhesion XU Jialu, SUN Minghua, ZHU Jialiang, et al (403)

A preliminary study of use of intravoxel incoherent motion MRI to assess placental perfusion in patients with placental adhesion disorder in their third trimester LU Tao, PU Hong, CUI Wei, et al (407)

MRI features of the pseudoaneurysm and arteriovenous malformation in uterus XU Jiantao, SONG Ting, FENG Jianmin, et al (411)

The diagnostic value of 1.5T multi parametric MRI scoring system for detecting early prostate cancer in the central gland area CHEN Kai, LI Tao, HU Fang, et al (414)

Differential and pathological study of different subtypes of papillary renal cell carcinoma by CT imaging

..... WANG Junguang, ZHOU Zhaoxia, ZHANG Xia, et al (418)

Musculoskeletal Radiology

Imaging features of extramedullary disease in multiple myeloma WU Meihong, WANG Longsheng, ZHENG Suisheng, et al (422)

MRI diagnosis and differential diagnosis of pigmented villonodular synovitis and giant cell tumor of tendon sheath

..... YANG Xiaohong, LI Boya, LI Mingzhi, et al (426)

The value of 3D-SPACE sequence to display posterolateral complex in the knee joint LIU Liangqing, XING Wei, ZHENG Jiangang, et al (430)

Pediatric Radiology

Relationship between high bilirubin related encephalopathy and T₁WI signal intensity ratio of globus pallidus to putamen in term neonates

..... YIN Jiayu, SHEN Wei, XU Meihai, et al (433)

Interventional Radiology

Effect of high-intensity focused ultrasound ablation on uterine fibroids with different signal intensity on T₂WI

..... YI Genfa, ZHAO Wei, FAN Hongjie, et al (437)

Clinical evaluation of lower abdominal aorta balloon occlusion assisting in cesarean section for pernicious placenta previa

..... FAN Wenlong, YANG Zhengqiang (441)

The safety and curative effect of TACE combined with argon helium knife cryoablation in the treatment of advanced primary hepatic cancer

..... YANG Haiming, SUN Shimeng, YU Haidong, et al (444)

Double-J stent placement in the treatment of lower ureteral strictures and obstruction ... ZHU Liang, ZHANG Xiquan, WANG Hongxue, et al (448)

Imaging Technology

The predictive analysis of spectral CT portal vein imaging for esophageal-gastric variceal bleeding

..... MA Yali, WANG Guisheng, CHEN Xiaoxia, et al (451)

The application of spectral virtual non-contrast CT in thyroid diseases YANG Zhiqi, CHEN Xiaofeng, CHEN Xiangguang, et al (455)

2D-STI for assessment of left ventricular longitudinal shrinkage function in patients with different Child-Pugh grade of cirrhosis

..... MENG Lingyu, YAO Xiufen, WANG Peilu (459)

The value of spectral CT imaging in multi-parameter quantitative analysis of lung cancer with different pathological types

..... HU Rong, XU Yao, HOU Jinpeng, et al (464)

Preliminary application of MR-DKI in early diagnosis and prognosis of cervical spinal cord injury

..... YANG Dongkui, LÜ Guoshi, LIU Wei, et al (469)

Experimental Research

The experimental study of Gd-EOB-DTPA enhanced T_{1ρ} imaging in quantitative evaluation of nonalcoholic steatohepatitis

..... CHEN Faxiang, XIE Yuanliang, ZHANG Shutong, et al (473)

Reviews

Research progress of CT and MRI for differentiating borderline from malignant epithelial ovarian tumors HAN Xu, SUN Meiyu (478)

Magnetic resonance imaging of vulnerable carotid plaque LIU Dong, ZHOU Dan (481)

The clinical application of dual energy CT in musculoskeletal imaging LIU Fei, ZHANG Yonghai (484)

Advances on imaging and pathology of intrapulmonary lymph nodes ZHANG Chao, WANG Xinyi (488)

Brief Reports

Clinical and imaging misdiagnosis of intracranial fibrosarcoma(Report of 4 cases) GUO Qikun, GUO Jianqiang, TAN Yongming (491)

Imaging findings of solitary fibroma of the pelvic cavity and literature review CHEN Ming, ZHA Yunfei, WANG Yanyan, et al (494)

Study of diagnostic value of CT enterography in the evaluation of Crohn's disease and the imaging characteristic of activity

..... ZHOU Zhongheng, LAN Xing, LIU Shaowei, et al (498)

Introduction of Experience

Two cases: trouble shooting of Siemens symphony 1.5T MR DING Jiaze, PAN Xinqing (502)

Case Reports

One case: extramedullary plasmacytoma in larynx LIU Xu, LI Junli, HAN Dan (503)

One case: progressive diaphyseal dysplasia report and literature review SONG Ying, QIN Yuepeng, ZHANG Binging, et al (504)

Two cases: littoral cell angioma of the spleen WU Shuo, CHENG Nianlan, LI Bangguo, et al (506)

One case: myoepithelioma of right humerus YU Yang, MA Yue, JIANG Wenyuan, et al (507)

Intraductal papillary neoplasm of the bile duct: two cases report and literature review QIN Ying, XIAO Yunping, DENG Kuipin (509)

One case: cecum necrosis to hepatic portal venous gas ZHANG Yu, CHEN Xiangfei, YAO Xiaoqun (510)

One case: granular cell tumor of the neurohypophysis DOU Weimo, LAI Binglin, LEI Jian, et al (512)

Anomalous systemic arterial supply to the basal segments of the lower lobe of left lung with left middle accessory lobe formation; one case and literature review

..... JIANG Gongjun, ZHU Yuexiang, HUANG Jingxiao, et al (513)