

ISSN 1006 - 9011

CN 37 - 1426/R

医学影像学杂志

YI XUE YINGXIANGXUE ZAZHI

2018年2月 第28卷 第2期

JOURNAL
OF
MEDICAL
IMAGING

Volume 28 Number 2

February 2018

中国科学技术部中国科技论文统计源期刊
中国科技核心期刊
中国生物医学核心期刊
中国科学引文数据库来源期刊
美国《剑桥科学文摘》来源期刊
英国《科学文摘》来源期刊
俄罗斯《文摘杂志》来源期刊

ISSN 1006-9011



9 771006 901028

02>

医
学
影
像
学
杂
志

二〇一八年二月

第二十八卷

第二期

医学影像学杂志

JOURNAL OF MEDICAL IMAGING

月刊 1990年10月创刊 第28卷 第2期 2018年2月28日出版

中华人民共和国科学技术部批准

主管单位

山东省卫生和计划生育委员会

主 办

山东省医学影像学研究会

山东省医学影像学研究所

编辑出版

《医学影像学杂志》编辑部

250021 济南市经四纬九路37号

电话:0531-87920996 87031478

传真:0531-87920996

电子信箱:yxyxzz@126.com

yxyxzz@sina.cn

网址: <http://www.medimg.org>

投稿系统: <http://www.medimg.org>

主 编

赵 斌

副 主 编

马祥兴 孙 钢 王 滨 徐文坚

王 涛 王光彬 王锡明 刘奉立

邵广瑞 齐先龙 毕万利

编辑部主任

崔国明

广告经营许可证:

鲁工商广字第3700004000098号

印 刷

济南红日印刷有限公司

发 行

济南市报刊发行局

订 购

全国各地邮政局

邮发代号:24-134

邮 购

《医学影像学杂志》编辑部

250021 济南市经四纬九路37号

国内定价

每期15元 全年180元

中国标准连续出版物号

ISSN 1006-9011

CN 37-1426/R

目 次

论 著

- 弥散加权成像对中枢神经细胞瘤的诊断价值分析 胡森森,高培毅(173)
- SPECT对脑梗死后交叉性小脑失联络的诊断价值
..... 候亚琴,卢 洁,曹燕翔,等(178)
- 维持性透析患者脑白质变性的高危因素及3.0T MRI弥散功能成像的评估价值 朱刚明,李兆勇,覃达贤,等(182)
- 脑血管事件和症状:moyamoya病的多模态影像研究
..... 马润磊,叶 明,卢 璐(187)
- 2型糖尿病视网膜病变患者脑自发神经活动的静息态功能磁共振研究
..... 白 伟,郭 炜,陈自谦(191)
- 三维动脉自旋标记技术的脑血流量绝对值在急性缺血性脑卒中的应用价值
..... 韩 广,于秀英,范 欣(196)
- 神经纤维瘤病I型的MRI影像学表现 张 凯,于 柯,于台飞(200)
- 高分辨率磁共振成像技术对大脑中动脉粥样硬化斑块的评价分析
..... 李春玲,蔺田芳(204)
- 原发性甲状旁腺亢进中不同种影像诊断方法的比较和联合应用的价值观察
..... 王 萌,吴南楠(208)
- 320排容积CT低kV技术在较高BMI患者冠状动脉检查的可行性
..... 张 辉,朱勇猛,张 杰(212)
- COPD患者肺气肿Goddard评分和肺癌发生部位的相关性研究
..... 王大伟,杨 飞,张振明,等(216)
- 变态反应性支气管肺曲霉菌病的MSCT诊断
..... 刘兴祥,陈爱萍,俞同福,等(221)
- 急性肺栓塞的CTA表现及综合介入治疗
..... 葛志文,涂久生,陈久胜,等(226)
- CT引导下肺小结节($\leq 1.5\text{cm}$)穿刺活检结果研究
..... 韩旭健,李振家,窦卫涛,等(230)
- 艾滋病合并马尔尼菲蓝状菌的胸部空洞CT表现
..... 余成成,刘晋新,张烈光,等(233)
- 立体导丝定位和大体定位在网格辅助下对触诊阴性乳腺腺微钙化的诊断价值
..... 夏德新,李德春,王光明,等(237)
- CT增强鉴别胰腺神经内分泌癌与胰腺癌
..... 岳亚丽,刘绍伟,刘永康,等(242)

本刊如有印装质量问题,请将原杂志寄回编辑部,由本刊负责调换。

CT对胃肠道异位胰腺和间质瘤的鉴别诊断	魏 贇,邹海华,余 静,等(246)
3D-DIXON 定量评价肝内脂肪含量的稳定性研究	张 敏,王 敏,贾守强,等(251)
脾脏多发占位性病变的 CT、MRI 表现	戴 辉,陈晓曦,文 丹(254)
3.0T 磁共振弥散张量成像在腰骶丛神经急性损伤的应用价值	徐万里,钱海峰,吴 晓,等(258)
肾嗜酸细胞腺瘤和肾嫌色细胞瘤的 MRI 特征及鉴别诊断	段 娜,李庆祝,周长玉,等(263)
原发性肾恶性纤维组织细胞瘤 CT 表现与病理特征	项剑瑜,黄贤华,郑汉朋,等(267)
肾上腺神经鞘瘤的 CT 影像特点(附 14 例报告)	姜喜锋,徐红卫,汪 泚,等(272)
慢性布氏菌性脊柱炎影像学表现及鉴别诊断	石 冬,蔚 巍,李 杰,等(276)
横纹肌溶解症的临床与 MRI 表现分析	胡明哲,潘阿善,杨运俊,等(280)
肘部尺神经 MR 扩散张量成像及正常值测量	葛建兵,王 林,徐俊峰,等(284)
骨显像联合 ALP 鉴别诊断阿德福韦酯致低磷骨软化症	李 燕,王晨华,韦 玮,等(289)
宝石能谱 CT(GSI)诊断骨质疏松的应用价值初探	韩合理,郁万江,马千里,等(294)
MRI 联合 CT 对类风湿性关节炎骨质侵蚀程度检测与预后的相关性	张 丽,汤春贵,郝淑彬,等(298)
三维成像及 H-Flow 技术结合彩色多普勒超声评价胎儿宫内缺氧状况的研究	夏春华,曾华北,郑艳芬,等(303)
超声检测妊娠期高血压孕妇胎儿血流动力学变化与妊娠结局的相关性分析	张宇鹏,于金华,王 新,等(308)
儿童中枢神经系统表面含铁血黄素沉积症 5 例分析	徐 健,高继勇,高 军,等(313)
实验研究	
超声造影环状增强模式评估扭转睾丸损伤的实验研究	刘振华,陈 林,詹维伟,等(318)
综 述	
影像学特征对预测急性期脑出血血肿扩大的研究进展	汤奉琼,王汝良(322)
短篇论著	
肝豆状核变性颅内病变的影像及临床表现	马 平,郑 彬(326)
2 型糖尿病患者左主干支架膨胀后脱载的术中护理	宋 蕾,李 敏,薛 艳(329)
彩色多普勒超声诊断胎儿心脏畸形的临床价值分析	李 霞,马向军(331)
三维剪切波成像技术在鉴别乳腺 BI-RADS 4 级肿块良恶性中的应用价值	马丙鑫,吴 刚,袁建军,等(333)
经会阴盆底动态三维超声联合经直肠超声对盆底功能障碍相关性便秘患者盆底结构的评估	李秀明,金佩文,潘洪玲,等(336)
磁共振 T1ρ 成像定量分析体重对膝关节软骨退变的影响	宋侨伟,毛德旺,陈 力,等(340)
内侧副韧带损伤侧方应力摄片测量和 MRI 检查的临床分析	王 磊,吴静泽(343)
短篇报告	
颈部超声诊断颌下腺内鱼刺异物 1 例	杜欢欢,杨 莉(177)
右颈部复发性韧带样型纤维瘤病累及臂丛神经 1 例	陈 乾,陈 楠,李坤成(199)
先天性胆总管囊肿合并绒毛状腺瘤 1 例	陈 曦(218)
颈部异位甲状腺腺瘤 1 例	冯福婷,罗 敏(228)
右肺奇叶肺炎 1 例	张保付,南 静,陈四虎(288)
单发胸椎结核误诊为椎体肿瘤 1 例	李成博,范国光(317)
本刊郑重声明	(241)

责任编辑： 钮宇培 时季成 崔国明 英文编辑： 李建峰 责任排版： 季维秋

Approval

Ministry of Scientific Technology, China

Responsible Institution

Shandong Provincial Health Bureau

Sponsor

Shandong Provincial Medical Imaging Research Society
Shandong Provincial Medical Imaging Research Institute

Editing and Publishing

Editorial Board of Journal of Medical Imaging
250021 Jingsi-Weijiu Road No 37. Jinan
Tel: 0531-87920996
0531-87031478
Fax: 0531-87920996
E-mail: yxyxxxz@126.com
yxyxxxz@sina.cn
http://www.medimg.org

Editor-in-Chief

ZHAO Bin

Associate Editor

MA Xiangxing	SUN Gang
WANG Bin	XU Wenjian
WANG Tao	WANG Guangbin
WANG Ximing	LIU Fengli
SHAO Guangrui	QI Xianlong
BI Wanli	

Managing Director

CUI Guo-ming

Printing

Shimao Printing Business Co. Ltd, Jinan

Distributor

Jinan Newspaper and Magazine Distribute Office

Order

Post Office in Everywhere, China
CN24-134

Mail-Order

Editorial Board of Journal of Medical Imaging
250021 Jingsi-Weijiu Road No 37. Jinan

CSSN

ISSN 1006-9011
CN 37-1426/R

CONTENTS

Articles

Analysis of the value of diffusion-weighted imaging in diagnosis of central neurocytoma	<i>HU Miaomiao, GAO Peiyi</i> (173)
Study of SPECT in patients with crossed cerebellar diaschisis after cerebral infarction	<i>HOU Yaqin, LU Jie, CAO Yanxiang, et al</i> (178)
The high risk factors of leukoaraiosis in maintenance dialysis patients and the value of 3.0TMRI diffusion functional imaging	<i>ZHU Gangming, LI Zhaoyong, QIN Daxian, et al</i> (182)
Cerebrovascular events and symptoms: a multimodal imaging study of moyamoya disease	<i>MA Runlei, YE Ming, LU Lu</i> (187)
The resting-state functional magnetic resonance imaging (rs-fMRI) study of amplitude of low frequency fluctuation in patients with Type 2 diabetes retinopathy	<i>BAI Wei, GUO Wei, CHEN Ziqian</i> (191)
The application value of cerebral blood flow absolute value for three-dimension arterial spinlabeling technology in acute ischemic stroke	<i>HAN Guang, YU Xiuying, FAN Xin</i> (196)
Magnetic resonance imaging manifestations of neurofibromatosis type I	<i>ZHANG Kai, YU Ke, YU Taifei</i> (200)
Evaluation of middle cerebral artery atherosclerotic plaque by high-resolution magnetic resonance imaging	<i>LI Chunling, LIN Tianfang</i> (204)
The comparison of different imaging diagnostic methods and the combined application value for primary hyperparathyroidism	<i>WANG Meng, WU Nannan</i> (208)
The feasibility of using 320-slice volume CT with prospective ECG the low kV and the iterative algorithm in the examination of coronary artery in patients with high BMI	<i>ZHANG Hui, ZHU Yongmeng, ZHANG Jie</i> (212)
The relationship between emphysema severity and location of lung cancer in patients with chronic obstructive lung disease	<i>WANG Dawei, YANG Fei, ZHANG Zhenming, et al</i> (216)
MSCT diagnosis of allergic bronchopulmonary aspergillosis	<i>LIU Xingxiang, CHEN Aiping, YU Tongfu, et al</i> (221)
CT angiography manifestation and comprehensive interventional therapy in patients with acute pulmonary embolism	<i>GE Zhiwen, TU Jiusheng, CHEN Jiusheng, et al</i> (226)
CT-guided percutaneous biopsy for small pulmonary nodules smaller than 1.5 cm	<i>HAN Xujian, LI Zhenjia, DOU Weitao, et al</i> (230)
CT manifestations of the cavity of AIDS Patients concurrent with Talaromyces marneffeii	<i>YU Chengcheng, LIU Jinxin, ZHANG Lieguang, et al</i> (233)
The diagnostic value of stereotactic wire localization and usual localization combined with mesh in the NBPL microcalcification	<i>XIA Dexin, LI Dechun, WANG Guangming, et al</i> (237)
Differential diagnosis of pancreatic neuroendocrine carcinoma and pancreatic ductal adenocarcinoma by CT enhancement	<i>YUE Yali, LIU Shaowei, LIU Yongkang, et al</i> (242)
The value of CT in differential diagnosis of gastrointestinal ectopic pancreas and gastrointestinal stromal tumors	<i>WEI Yun, ZOU Haihua, YU Jing, et al</i> (246)

The stability study of 3D-DIXON in quantitative evaluation of Intrahepatic fat content	ZHANG Min, WANG Min, JIA Shouqiang, et al(251)
CT and MRI manifestations of splenic multiple space-occupying lesion	DAI Hui, CHEN Xiaoxi, WEN Dan(254)
The application value of 3.0T MR diffusion tensor imaging in the acute injury of lumbar sacral plexus	XU Wanli, QIAN Haifeng, WU Xiao, et al(258)
MRI features and differential diagnosis of renal oncocytoma and chromophobe renal cell carcinoma	DUAN Na, LI Qingzhu, ZHOU Changyu, et al(263)
CT finding and pathological features of primary renal malignant fibrous histiocytom	XIANG Jianyu, HUANG Xianhua, ZHENG Hanpeng, et al(267)
CT imaging features of adrenal schwannoma (report of 14 cases)	JIANG Xifeng, XU Hongwei, WANG Hu, et al(272)
Imaging findings and differential diagnosis of chronic brucellosis spondylitis	SHI Dong, WEI Wei, LI Jie, et al(276)
The analysis of the clinical and MRI manifestations of rhabdomyolysis	HU Mingzhe, PAN Ashan, YANG Yunjun, et al(280)
Diffusion tensor imaging of ulnar nerve: normative diffusion values	GE Jianbing, WANG Lin, XU Junfeng, et al(284)
Differential diagnosis of adefovir dipivoxil induced hypophosphatemic osteomalacia by bone imaging combined with serum ALP	LI Yan, WANG Chenhua, WEI Wei, et al(289)
Preliminary studies of the value of gemstone spectral CT in lumbar osteoporosis	HAN Heli, YU Wanjiang, MA Qianli, et al(294)
Detection of bone erosion and its correlation with prognosis in rheumatoid arthritis with CT combined with MRI	ZHANG Li, TANG Chungui, HAO Shubin, et al(298)
Study on three-dimensional vascular reconstruction combined with color Doppler ultrasonography in the evaluation of fetal hypoxia	XIA Chunhua, ZENG Huabei, ZHENG Yanfen, et al(303)
Prediction of perinatal outcome in pregnant women with pregnancy induced hypertension by ultrasonography	ZHANG Yupeng, YU Jinhua, WANG Xin, et al(308)
Pediatric superficial siderosis of central nervous system: analysis of 5 cases	XU Jian, GAO Jiyong, GAO Jun, et al(313)

Experimental Research

Evaluating the extent of testicular injury with the ring-enhancement by contrast-enhanced ultrasound in testicular torsion	LIU Zhenhua, CHEN Lin, ZHAN Weiwei, et al(318)
--	--

Reviews

Advancement of imaging features in prediction of hematoma expansion in patients with acute cerebral hemorrhage	TANG Fengqiong, WANG Ruliang(322)
--	-----------------------------------

Brief Articles

The imaging and clinical manifestations of the intracranial lesions of hepatolenticular degeneration	MA Ping, ZHENG Bin(326)
Intraoperative nursing of the patient with the type 2 diabetes mellitus who undergoes the stent dislodgement during the process of left main coronary artery stenting	SONG Lei, LI Min, XUE Yan(329)
Clinical value of color Doppler ultrasound in diagnosis of fetal cardiac malformations	LI Xia, MA Xiangjun(331)
The application of 3-dimensional shear wave elastography in diagnosis of BI-RADS 4 benign and malignant breast masses	MA Bingxin, WU Gang, YUAN Jianjun, et al(333)
Analysis on pelvic floor structure assessment of pelvic floor dysfunction related constipation patients with by the perineum pelvic floor dynamic three-dimensional ultrasound combined with by transrectal ultrasound	LI Xiuming, JIN Peiwen, PAN Hongling, et al(336)
The influence of body weight on articular cartilage degeneration using quantitative analysis of T1ρ imaging	SONG Qiaowei, MAO Dewang, CHEN Li, et al(340)
Clinical analysis of lateral stress film measurement and MRI examination of medial collateral ligament injury	WANG Lei, WU Jingze(343)

Reports

Diagnosis of fish bone foreign body with submandibular gland by neck ultrasound: one case report	DU Huanhuan, YANG Li(177)
Recurrent desmoid-type fibromatoses of right cervix involving the brachial plexus: one case report	CHEN Qian, CHEN Nan, LI Kuncheng(199)
Congenital choledochal cyst with villous adenoma: one case report	CHEN Xi(218)
Ectopic thyroid adenoma in neck: one case report	FENG Futing, LUO Min(228)
Right lung azygos pneumonia: one case report	ZHANG Baofu, NAN Jing, CHEN Sihui(288)
Single thoracic vertebral tuberculosis misdiagnosed as thoracic vertebral tuberculosis: one case report	LI Chengbo, FAN Guoguang(317)