

中国科技论文统计源核心期刊
中国科学引文数据库来源期刊
中文核心期刊要目总览核心期刊

ISSN 1001-9324

CN 42-1187/R

JOURNAL OF CLINICAL RADIOLOGY

临床放射学杂志

LINCHUANG FANGSHE XUE ZAZHI



ISSN 1001-9324



9 771001 932003

2012 · 6

第31卷(总第263期)

临床放射学杂志

LINCHUANG FANGSHE XUE ZAZHI

月刊 1982年3月创刊

第31卷 第6期

(总第263期)

2012年6月20日出版

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

协办

上海市影像医学研究所

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
电话: (0714) 6220655
传真: (0714) 6260655
E-mail: lcfx@chinajournal.net.cn
网址: http://www.lcfxj.com

名誉主编

周康荣 王承缘

主编

冯敢生

总编辑

袁德启

社长

徐新前

排版

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: 湖北省黄石市邮政局
国外: 中国国际图书贸易总公司
(北京399信箱, 100044)
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) 6220205

定价

每期12元, 全年144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

**2012年版权归黄石市
医学科技情报所所有**

本刊如有印装质量问题, 可向临床
放射学杂志社发行部调换

目 次

读片窗

请分析病变性质 李卉, 刘冲, 张杰(763)

影像学论断

中枢神经放射学

运用VBM方法检测创伤后应激障碍患者发病前脑灰质容积的改变 孙雅文, 王振, 周滟等(764)

遗传性痉挛性截瘫并薄型胼胝体的MRI表现 刘慧, 王小宜, 彭光春等(769)

正常人听皮层不同分区代谢多体素¹H-MRS研究 梁永辉, 曾志梅, 窦晓清等(773)

椎管内神经鞘瘤少见影像表现及误诊分析 张立华, 袁慧书(778)

第四脑室室管膜瘤的CT、MRI影像表现 肖道雄, 孙胜军, 彭吉东等(782)

头颈部放射学

3.0 T高分辨率CE-MRA对颈部血管狭窄的诊断价值 凌俊, 叶靖, 黄文诺等(786)

头颈联合CTA对动脉成窗变异的评价 唐翠松, 汤光宇, 李伟等(790)

乳腺成像

乳腺专用磁共振成像、乳腺X线摄影及超声检查对乳腺癌诊断价值的对照研究 李志, 钱明理, 汪登斌等(794)

同一个人3.0 T与1.5 T乳腺MR扩散加权成像的图像质量比较 张雪梅, 林江, 叶芳等(800)

BI-RADS[®]-MRI 4类乳腺癌阳性预测值与亚分类的初探 刘炳光, 曹满瑞, 张方景等(804)

胸部放射学

胸腔积液量的多层螺旋CT定量研究 陈莉, 吕发金, 张丽娟等(809)

免疫健全和免疫抑制患者肺隐球菌病的CT表现 李斌, 刘洪超, 李清楚等(812)

肺淋巴管平滑肌瘤病的HRCT随访研究 马永红, 叶剑定, 陈群慧等(816)

肺硬化性血管瘤的MSCT征象 郑芸, 杨贤卫, 周泽旺(820)

PET/CT与HRCT在孤立型细支气管肺泡癌诊断中的

协同应用价值 彭辽河, 丁久荣, 李杰等(824)

腹部放射学

- 胃类癌动态增强 CT 表现与病理学对照研究 刘 恺, 文 戈, 邓燕佳等(829)
肠道脂肪瘤继发肠套叠的 MSCT 表现 王 毅, 张春来, 陈金华等(833)
128 层螺旋 CTA 对自发性孤立性肠系膜上动脉夹层的诊断 曹茂盛, 陈爱华, 孟 瑰等(838)
腹盆部促纤维组织增生性小圆细胞瘤的 CT 表现 陈丽君, 陈卫国, 唐 浩等(841)
几种肾脏少见肿瘤的 CT 诊断 朱庆强, 王中秋, 陈文新等(844)

骨骼肌肉放射学

- X 线、CT 在减压性骨坏死早期诊断中的价值 于成福, 杨 艺, 曹子文等(848)
少见部位骨软骨瘤的影像学分析 唐 浩, 胡桂周, 陈卫国等(851)
骨小圆细胞肿瘤的影像学分析 陈荣华, 吴宏洲, 陈恩德等(855)
CT 与 MRI 对创伤性膝关节积脂血症的诊断价值 吴耀贤, 高剑波(859)

小儿放射学

- 双源 CT 对儿童先天性心脏病肺动脉瓣狭窄的评价 孙占国, 陈月芹*, 黄书然等(864)

介入治疗

- 脾动脉瘤的介入治疗 宋进华, 顾建平, 楼文胜等(868)
气道重度狭窄: 介入放射学钳夹活检技术探讨 任克伟, 吴 刚, 韩新巍等(872)
CT 引导下针刀神经根松解联合神经根阻滞治疗腰椎间盘突出症 肖新华, 阮宜骏, 叶仁群等(876)
Deep 球囊血管成形联合动脉灌注治疗糖尿病足 17 例疗效分析 高天俊, 许美丽, 范 义等(879)

技术探索

- 前瞻性心电门控胸痛三联排查扫描在心率 < 75 次/min 患者中的临床应用价值
赵 磊, 王泽锋, 刘挨师(883)

实验研究

- 双源 CT 能谱成像检测不同性质与比重液体的实验研究 邵燕惠, 钱 农, 薛跃君等(888)

临床初探

- ¹⁸F-FDG PET/CT 显像发现意外高代谢原发恶性肿瘤的初步研究 房 娜, 王艳丽, 曾 磊等(891)
脐尿管囊肿的 CT 表现及分型探讨 张铁瑾, 占礼志, 范 涛等(894)

综述

- 近红外荧光染料在肿瘤特异性成像中的研究 田 迎, 郑 玲, 卢光明(897)

机房一隅

- GE VCT 64 排螺旋 CT 球管开路故障检修一则 程广斌, 吴 冰, 黄金清等(768)

病例复习

- 儿童与成人进行性骨干发育不全的诊断与治疗(附 2 例报告并文献复习)
韦积华, 韦庆军, 刘军廷等(900)

病例报告

- 先天性膀胱外翻合并耻骨联合分离一例 刘伟立(777)
卵巢交界性 Brenner 瘤 MRI 表现一例 潘仲林, 宋 伟(862)
MRI 诊断颅内畸胎瘤破裂一例 郑卫华, 度艳红, 黄劲柏(904)
胆囊巨大结石并十二指肠内瘘一例 曹长健, 曹志中, 熊 毅等(905)

信息窗

- 欢迎订阅《临床放射学杂志》 (763)
招聘启事 (863)
书讯、会议通知、简讯 (803)(828)(854)(875)(903)(907)

JOURNAL OF CLINICAL RADIOLOGY

A monthly journal devoted to clinical radiology and allied sciences. Established in March 1982, owned and published by publishing house of journal of clinical radiology

Sponsor

Huangshi Institute for Medical Scientific and Technical Information
23-22, Hangzhou Road, Huangshi,
Hubei 435000, China

Published-cooperate with

Shanghai Institute of Medical Imaging

Editing

Editorial Board of Journal of Clinical Radiology
23-22, Hangzhou Road, Huangshi,
Hubei 435000, China
Tel: (0714) 6222015
Fax: (0714) 6260655

Publishing

Publishing House of Journal of Clinical Radiology
23-22, Hangzhou Road, Huangshi,
Hubei 435000, China
Tel: (0714) 6222015
Fax: (0714) 6260655
E-mail: lcs@chinajournal.net.cn
<http://www.lcsx.com>

Honorary Editor-in-Chief

ZHOU Kangrong
WANG Chengyuan

Editor-in-Chief

FENG Gansheng

Chief Editor

YUAN Degi

Propriete

XU Xinqian

Typeset

Typesetting department, Publishing House of Journal of Clinical Radiology

Printing

Wuhan Keyuan Printing and Design Co. Ltd

Overseas Distributor

China International Book Trading Corporation
P. O. Box 399, Beijing, China
Code No. M6815

Mail-Order

Subscription Department,
Publishing House of Journal of Clinical Radiology
23-22, Hangzhou Road, Huangshi,
Hubei 435000, China
Tel: (0714) 6222015
E-mail: lcs@chinajournal.net.cn

Contents of Original Article

Brain Structural Abnormalities Prior to the Onset of Post-Traumatic Stress Disorder: A Voxel-Based Morphometry Study

SUN Yawen, WANG Zhen, ZHOU Yan, et al (764)

Intracranial and Spinal MR Imaging Findings of Hereditary Spastic Paraparesis Associated with Thin Corpus Callosum

LIU Hui, WANG Xiaoyi, PENG Guangchun, et al (769)

Regional Metabolic Changes in Normal Auditory Cortex: Assessment with Multivoxel Proton MR Spectroscopic Imaging

LIANG Yonghui, ZENG Zhimei, DOU Xiaoqing, et al (773)

MRI Features and Misdiagnosis Analysis of Atypical Spinal Schwannomas

ZHANG Lihua, YUAN Huishu (778)

CT and MRI Features of the Fourth Ventricle Ependymoma

XIAO Daoxiong, SUN Shengjun, PENG Jidong, et al (782)

Diagnostic performance of 3.0 T High Resolution Contrast Enhanced Magnetic Resonance Angiography in Carotid Stenosis: Comparative Analysis with DSA

LING Jun, YE Jing, HUANG Wennuo, et al (786)

The Application of Cranio-Cervical CT Angiography in the Evaluation of Intracranial and Cervical Arterial Fenestration

TANG Cuisong, TANG Guangyu, LI Wei, et al (790)

The Diagnostic Value of Dedicated Breast Magnetic Resonance Imaging in Breast Cancer: Comparative Study with Digital Mammography and Ultrasound

LI Zhi, QIAN Mingli, WANG Dengbin, et al (794)

Quality Assessment of Diffusion Weighted Imaging in Normal Breast: Intraindividual Comparison of 3.0 T and 1.5 T MRI

ZHANG Xuemei, LIN Jiang, YE Fang, et al (800)

Positive Predictive Value and Subcategory for Breast Cancer in BI-RADS®-MRI Category 4 Lesions

LIU Bingguang, CAO Manrui, ZHANG Fangjing, et al (804)

Pleural Effusion Calculation Using Multi-Slice CT

CHEN Li, LV Fajin, ZHANG Lijuan, et al (809)

Clinical Findings and CT Characteristics of Pulmonary Cryptococcosis in Immunocompetent and Immunocompromised Patients

LI Bin, LIU Hongchao, LI Qingchu, et al (812)

Follow Up Study of Pulmonary Lymphangioleiomyomatosis Using High Resolution CT	
MA Yonghong, YE Jianding, CHEN Qunhui, et al	(816)
MSCT Features of Pulmonary Sclerosing Hemangioma	
ZHENG Yun, YANG Xianwei, ZHOU Zewang, et al	(820)
Synergistic Effect of PET/CT and HRCT in Diagnosing Solitary Bronchioloalveolar Carcinoma	
PENG Liaohe, DING Jiurong, LI Jie, et al	(824)
Dynamic Contrast CT Features in Gastric Carcinoid: Comparative Study with Pathological Findings	
LIU Kai, WEN Ge, DENG Yanjia, et al	(829)
MSCT Features of Intestinal Lipoma Causing Intussusception	
WANG Yi, ZHANG Chunlai, CHEN Jinhua, et al	(833)
The Value of 128 Slice CT Angiography in the Diagnosis of Spontaneous Isolated Superior Mesenteric Artery Dissection	
CAO Maosheng, CHEN Aihua, MENG Yu, et al	(838)
Imaging Characteristics of Abdominopelvic Desmoplastic Small Round Cell Tumor	
CHEN Lijun, CHEN Weiguo, TANG Hao, et al	(841)
CT Diagnosis of Several Rare Renal Tumors	
ZHU Qingqiang, WANG Zhongqiu, CHEN Wenxin, et al	(844)
Early Diagnosis of Dysbaric Osteonecrosis with X-ray and CT	
YU Chengfu, YANG Yi, CAO Ziwen, et al	(848)
The Imaging Diagnosis of Osteochondroma in Uncommon Locations	
TANG Hao, HU Guizhou, CHEN Weiguo, et al	(851)
Imaging Analysis of Small Round Cell Tumors in Bone	
CHEN Ronghua, WU Hongzhou, CHEN Ende, et al	(855)
CT and MRI in the Diagnosis of Traumatic Lipohemarthrosis	
WU Yaoxian, GAO Jianbo	(859)
Evaluation of Pulmonary Valve Stenosis in Children with Congenital Heart Disease By Dual Source CT	
SUN Zhanguo, CHEN Yueqin, HUANG Shuran, et al	(864)
Interventional Therapy of Splenic Artery Aneurysms and Pseudoaneurysms	
SONG Jinhua, GU Jianping, LOU Wensheng, et al	(868)
Study of Forceps Biopsy By Interventional Radiology in the Severe Airway Stenosis	
REN Kewei, WU Gang, HAN Xinwei, et al	(872)
Acupotomy Nerve Root Release Combined with Nerve Block for Treatment of Lumbar Intervertebral Disc Herniation Guided by CT	
XIAO Xinhua, RUAN Yijun, YE Renqun, et al	(876)
Efficacy of PTA by Deep Balloon Combined with TAI in Patients with Diabetic Foot :Analysis of 17 Cases	
GAO Tianjun, XU Meili, FAN Yi, et al	(879)
Triple-Rule-Out Computed Tomographic Angiography with Prospective ECG Gating;A Clinical Study in Chest Pain Patients with Heart Rate Lower Than 75 bpm	
ZHAO Lei, WANG Zefeng, LIU Aishi	(883)
Experimental Study of Dual Source CT Monoenergetic Imaging in Detecting Different Nature and Proportion of Liquids	
SHAO Yanhui, QIAN Nong, XUE Yuejun, et al	(888)
Detection of Incidental ¹⁸F-FDG-Avid Primary Malignancies Using Whole-Body ¹⁸F-Fluorodeoxyglucose Positron Emission Tomography and Computed Tomography	
FANG Na, WANG Yanli, ZENG Lei, et al	(891)
CT Features and Subtypes of Urachal Cyst	
ZHANG Yijin, ZHAN Lizhi, FAN Tao, et al	(894)
The Diagnosis and Treatment of Progressive Diaphyseal Dysplasia (Report of 2 Case and Literature Review)	
WEI Jihua, WEI Qingjun, LIU Junting, et al	(900)