

中国科技核心期刊

中国学术期刊综合评价数据库来源期刊

《中文生物医学期刊文献数据库》收录期刊

中国科技论文统计源期刊

《中国核心期刊数据库》收录期刊

《中国生物医学期刊引文数据库》收录期刊

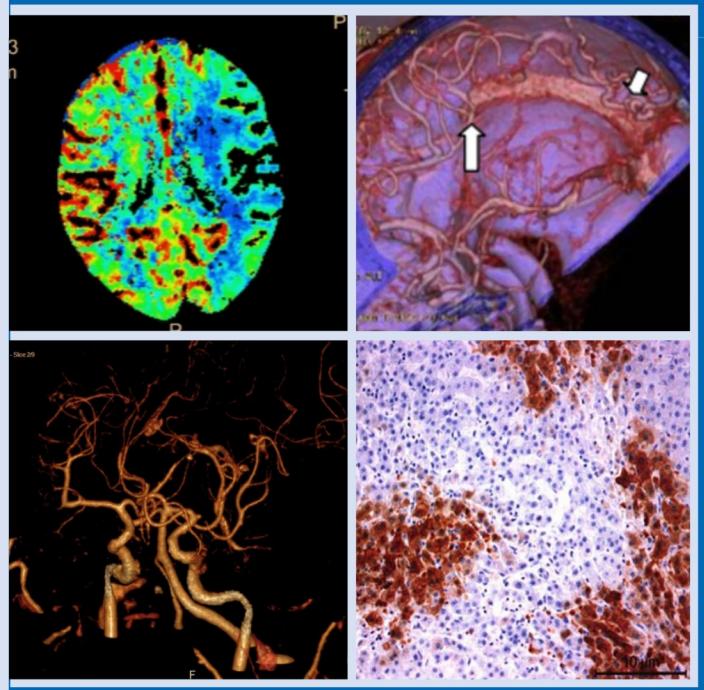
ISSN 1672-5131

CN44-1592/R

中国CT和MRI杂志[®]

ZHONGGUO CT HE MRI ZA ZHI

CHINESE JOURNAL OF CT AND MRI



- 1 岛征和漩涡征预测脑出血早期血肿扩大价值*
- 15 帕金森病临床亚型异质性的MRI应用研究*
- 31 脑干转移瘤的MRI诊断与鉴别诊断
- 42 CT和MRI在鼻腔鼻窦ENKTL患者的临床诊断价值*
- 48 腮腺良性淋巴上皮病变的影像学特征*
- 66 基于快速自旋回波的单双指数模型扩散加权.....
- 72 MSCT检查对儿童肺炎支原体肺炎与肺炎支原体合并
- 98 3.0T高场磁共振与乳腺钼靶检查对乳腺癌的诊断
- 136 肠出血与缺血疾病CT征象对比研究*
- 154 AML、ccRCC患者临床、MSCT特征对比及其临床.....
- 172 CT和MRI应用于骨关节隐匿性骨折中的临床价值.....



ISSN 1672-5131



万方数据

CHINESE JOURNAL OF CT AND MRI
AUG. 2021 VOL.19 第八期
总第一百四十二期

主管

中华人民共和国教育部

主办

北京大学深圳临床医学院

518036, 深圳市福田区莲花路1120号

北京大学第一医院

协办

深圳市医信文化投资有限公司

深圳会慧门诊部

编辑

中国CT和MRI杂志编辑委员会

518026, 深圳市福田区金田路4018号安联大厦A区501

名誉总编辑

韩金祥

总编辑

王成林

执行总编辑

王俊卿

副总编辑

滕皋军 卢光明 王振常 程敬亮

贾文霄 余永强 王毅翔 陈芸

陈自谦 刘刚

社长

王成林

出版

中国CT和MRI杂志社

518026, 深圳市福田区金田路4018号安联大厦A区501

电话: (0755) 83695203; 13510331556

传真: (0755) 83695203

E-mail: ctMRI@vip.163.com

广告代理

深圳市医信文化投资有限公司

518026, 深圳市福田区金田路4018号安联大厦A区501

电话: (0755) 83695203; 13510331556

传真: (0755) 83695203

广告经营许可证

440300200009

印刷

深圳市裕华昌印刷有限公司

发行

国内: 深圳报刊发行局

国外: 中国国际图书贸易总公司

(北京399信箱, 100044) 代号C8175

发行范围

国内外发行

订购

全国各地邮电局

邮发代号: 46-276

邮购

中国CT和MRI杂志社出版发行部

518026, 深圳市福田区金田路4018号安联大厦A区501

电话: (0755) 83695203

传真: (0755) 83695203

E-mail: ctMRI@vip.163.com

定价

每期20元, 全年240元

国内统一连续出版物号

ISSN 1672-5131

CN 44-1592/R

版权归中国CT和MRI杂志社所有

除非特别声明, 本刊刊出的所有文章不代表

中国CT和MRI杂志社和本刊编委会的观点

本刊如有印装质量问题, 请向中国CT和MRI

杂志社出版发行部调换

目次

论著·头颈部

- 岛征和漩涡征预测脑出血早期血肿扩大价值* 周志敏, 周逸飞, 徐亮(1)
腹针治疗抑郁症下丘脑功能连接的fMRI研究* 叶郭锡, 刘雅慧, 曾旭文, 等(5)
CTA联合CTP诊断急性脑梗死及对其临床介入治疗的指导

- 价值研究* 梁亚龙, 史云飞, 杜佳忆, 等(8)
不同时期脑梗死DWI、PWI成像特征及其缺血半暗带的鉴别

- 诊断价值研究* 许超, 冯天保(11)
帕金森病临床亚型异质性的MRI应用研究* 姚涛, 何静(15)
大脑中动脉粥样硬化性脑梗死患者高分辨率MRI表现及其

- 诊断价值研究* 赵静, 常文龙, 刘永刚, 等(19)
MSCT对颅脑损伤的早期诊断及其预后评估价值研究 陈鹏飞, 梁奕, 王剑(22)
MRI对颅内动脉粥样硬化斑块强化程度及易损性的评估价值 丁朝阳(25)
儿童自发性脑出血CT影像学表现及在术后复查中的临床

- 应用价值分析* 武峰, 齐磊, 金亮, 等(28)
脑干转移瘤的MRI诊断与鉴别诊断 刘金来, 周清安, 金艳, 等(31)
64排颅脑CT血管造影对蛛网膜下腔出血患者责任病灶的
诊断价值 李宁(34)

- 低剂量对比剂在多排CT头颈部血管造影中的可行性分析
..... 张鑫, 陈小余, 杨娜, 等(38)
CT和MRI在鼻腔鼻窦ENKTCL患者的临床诊断价值* 陆晨光, 孙志强(42)
MSCT在腮腺基底细胞腺瘤和腺淋巴瘤鉴别诊断中的应用

- 廖建勇, 杜静波, 刘迎新, 等(45)
腮腺良性淋巴上皮病变的影像学特征* 邹红, 易坤明, 张乐天, 等(48)
MSCT和超声诊断甲状腺微小结节的价值探析 金巧芳, 刘文武, 吴倩玲, 等(51)

论著·胸部

- PET/CT代谢参数与LMR在评估肺癌放化疗近期疗效的临床研究*
..... 柴广金, 李围围, 吕博, 等(54)
多层螺旋CT联合CA153、CEA及CA199检测对肺癌临床诊断

- 价值分析 刘韬(57)
周围型肺癌的CT和MRI表现特点研究 王学松, 刘翰林(60)
高分辨CT对肺部结节病患者原位癌和浸润性癌的判断价值
..... 王俊, 曾庆华, 李永红, 等(63)

- 基于快速自旋回波的单双指数模型扩散加权成像鉴别肺实性
病变良恶性的价值* 陈松, 万齐, 雷强, 等(66)
机器学习(人工智能)在经病理证实的肺结核病灶中的应用*

- 闫明艳, 李娇, 戚玉龙, 等(69)
MSCT检查对儿童肺炎支原体肺炎与肺炎支原体合并肺炎
链球菌感染肺炎的鉴别诊断价值分析* 袁娟, 白慧萍, 徐鹏飞, 等(72)

- HRCT肺气肿定量分析与COPD患者疾病相关性分析 刘阿茹, 魏华, 邓永红(74)
应用双源CT双能量肺灌注成像评估急性肺栓塞患者病情
程度及右心功能的可行性分析 万泽安, 谈伍平, 苗贵华, 等(77)

探讨RMPP患儿肺功能参数与高分辨率胸部CT图像征象的相关性*	刘玉姣, 李梅(79)
食管钡餐造影+CT对食管癌放疗患者近期疗效及预后评估的价值研究	张星元, 张进安, 王三平(82)
双源CT血管成像对非ST段抬高型急性冠脉综合征的诊断价值临床研究	李华, 赵玲玲, 徐伟(86)
乳腺钼靶X线摄影和MRI对乳腺癌的诊断价值对照研究	黄莉, 陈亚明, 张学军(89)
DOT结合PET-CT诊断乳腺癌的价值观察	杨舒, 林晓丹(92)
彩色多普勒超声联合CT在乳腺癌腋下转移性淋巴结鉴别诊断中的应用	李延会, 马雅秀, 范娜, 等(95)
3.0T高场磁共振与乳腺钼靶检查对乳腺癌的诊断价值探讨*	杨亚, 胡志敏(98)
论著·腹部	
不同对比剂注射流率对肝脏普美显增强MRI动脉期伪影及整体图像质量的影响*	柴蓉静, 龚万庆, 鄢广平, 等(101)
肝脏血管平滑肌脂肪瘤在MSCT、MRI扫描影像表现分析*	钱晓东, 杨朝辉, 唐亚琴, 等(104)
MRI在肝泡型包虫病患者微波消融术后疗效评估中的应用分析	刘刚, 甘郑宁, 薛长菊, 等(106)
肾缺如或发育不良的影像学诊断	胡虞馨, 林立夫, 陈珊红, 等(110)
磁共振动态增强联合DWI与超声引导穿刺对照在前列腺病变诊断中的应用	邹兆琴, 徐小虎, 许亚春, 等(113)
¹⁸ F-FDG/PET-CT在前列腺癌中的应用价值研究*	田姣, 李转, 杨丹, 等(117)
经直肠超声造影联合磁共振对前列腺癌的早期诊断价值*	赵云歆, 孙剑, 王晓莲, 等(120)
子宫粘膜下肌瘤多参数MRI检查诊断准确度及与宫腔镜结果对照研究*	梅广雄, 赵小华, 唐移忠, 等(123)
超声造影、MSCT对宫颈癌手术前临床分期的诊断价值探讨	牟沁, 漆磊(126)
不同MRI特征局限型子宫腺肌症的HIFU治疗效果及安全性分析*	沈敏, 刘珊珊, 何玉琴, 等(129)
能谱CT多参数成像在胃腺癌分化程度中的应用价值	李长健, 朱广辉(133)
肠出血与缺血性疾病CT征象对比研究*	吴菊芳, 习利军, 梁立华, 等(136)
多层螺旋CT在胃肠道穿孔修补术前、术后中的临床应用价值探讨*	尚建英, 邓志刚(139)
腹部CT增强扫描在结肠癌TNM分期诊断中的应用	张娜, 袁玉红(141)
磁共振弥散加权成像ADC值对结直肠癌放化疗疗效的评估价值	韩超, 陈新晖(144)
直肠少见恶性肿瘤的MRI表现及鉴别诊断	王庭红, 贾晓峰(148)
高分辨MRI成像技术对直肠癌术前T、N分期的病理对照研究*	冯超, 卢方明, 李晓敏, 等(151)
AML、ccRCC患者临床、MSCT特征对比及其临床应用价值分析	马记, 陈亚明, 赵本好, 等(154)
论著·骨骼肌肉	
MRI及螺旋CT对中晚期腰椎小关节骨性关节炎的诊断价值比较	王峰(157)
膝关节韧带损伤术后系统性康复治疗效果与膝关节MRI影像学结果的关系*	张志娟, 张凤林, 孟令波(159)
膝关节痛风性关节炎的MRI表现及其与血清IL-1 β 、ESR、IL-8水平的关系探究	冯延冰, 李刚(163)
DR、CT平扫评估胸腰椎爆裂骨折患者椎管内骨折块间接复位效果研究	全志永, 孟庆凯, 郭艳鸽(166)
X线平片及MSCT后处理技术在儿童肘关节外伤性骨折中的临床应用价值探讨*	马玉龙, 宋得夫, 幸世龙, 等(169)
CT和MRI应用于骨关节隐匿性骨折中的临床价值分析*	何源亮, 李旭, 熊雄(172)
MRI与CT诊断及鉴别脊柱结核与脊柱肿瘤的价值观察	李立新, 阮锦荣, 孙莉(175)
超声和MRI诊断梨状肌综合征的价值研究	宁敏, 么甲超, 杨培金, 等(178)
论著·综合	
四维超声联合MRI成像对中孕期胎儿畸形的临床诊断价值及其妊娠结局	张帅, 陈建玲, 黄亚哲, 等(181)
短篇	
卵巢甲状腺肿2例	周津如, 杨奇奇, 陈秀杰, 等(185)
心脏MRI、经食道超声技术同时诊断卵圆孔未闭所致大面积脑梗死1例报道*	兰春伟, 刘涛, 袁昆雄, 等(186)

* 表示基金文章

Responsible Institution

Ministry of Education, the People's Republic of China

Sponsor

Peking University Shenzhen Clinic Medical College
First Medical College of Peking University

Co-organizers

Shenzhen Yixin Culture Investment Co.,Ltd.
Shenzhen Huihui Clinic

Editing

Editorial Department of Chinese Journal of CT and MRI
Room 501, Area A, Allianz Building, 4018 Jintian Road, Futian District, Shenzhen 518026

Honorary Chief Editor

Han Jinxiang(韩金祥)

Editor-in-chief

Wang Chenglin (王成林)

Executive Editor

Wang Junqing (王俊卿)

Deputy Editor-in-chief

Teng Gaojun (滕皋军) Lu Guangming(卢光明)
Wang Zhenchang(王振常) Cheng Jingliang(程敬亮)
Jia Wenxiao (贾文霄) Yu Yongqiang(余永强)
Wang Xixiang(王毅翔) Chen Yun(陈芸)
Chen Ziqian(陈自谦) Liu Gang(刘刚)

President

Wang Chenglin (王成林)

Publishing

Editorial Department of Chinese Journal of CT and MRI
Room 501, Area A, Allianz Building, 4018 Jintian Road, Futian District, Shenzhen 518026
Tel:(0755)83695203
Fax:(0755)83695203
E-mail:ctmri@vip.163.com

Printing

Yu Hua Chang Printing Co., Ltd, Shenzhen
Overseas Distributor
China International Book Trading Corporation
P.O.Box399, Beijing, China Code No.C8175

Mail-Order

Publishing & Circulation Section, Publishing House
Editorial Department of Chinese Journal of CT and MRI
Room 501, Area A, Allianz Building, 4018 Jintian Road, Futian District, Shenzhen 518026
Tel:(0755)83695203; 13510331556
Fax:(0755)83695203
E-mail:ctmri@vip.163.com

CSSN

ISSN 1672-5131
CN 44-1592/R

Copyright Notice

All articles published represent the opinions of the authors, do not reflect the official policy of the editorial department of Chinese Journal of CT and MRI & the editorial board, unless this is clearly specified

Tips

Articles for magnetic resonance studies group of radiological society of China's professional journals

CONTENTS

HEAD AND NECK IMAGING

Island Sign and Swirl Sign for the Predictive Value of Early Hematoma Enlargement in Cerebral Hemorrhage*	ZHOU Zhi-min, ZHOU Yi-fei, XU Liang.(1)
Major Depressive Disorder Abdominal Acupuncture in fMRI Study of Hypothalamus Functional Connection*	YE Guo-xi, LIU Ya-hui, ZENG Xu-wen, et al.(5)
Guiding Value of CTA Combined with CTP in Diagnosing Acute Cerebral Infarction and in Clinical Interventional Therapy*	LIANG Ya-long, SHI Yun-fei, DU Jia-yi, et al.(8)
Features of DWI and PWI of Cerebral Infarction in Different Periods and Its Differential Diagnosis Value of Ischemic Penumbra*	XU Chao, FENG Tian-bao.(11)
Differential Analysis of Clinical Heterogeneity in Parkinson's Patients Assisted by MRI*	YAO Tao, HE Jing.(15)
High Resolution MRI Findings in Patients with Middle Cerebral Artery Atherosclerosis Cerebral Infarction and Their Diagnostic Value*	ZHAO Jing, CHANG Wen-long, LIU Yong-gang, et al.(19)
Value of MSCT in Early Diagnosis and Prognosis Evaluation of Craniocerebral Injury	CHEN Peng-Fei, LIANG Yi, WANG Jian.(22)
The Value of Magnetic Resonance Imaging in Assessing the Enhancement and Vulnerability of Intracranial Atherosclerotic Plaque	DING Chao-yang.(25)
Analysis on Clinical Application Value of CT Imaging Features of Spontaneous Cerebral Hemorrhage of Children in Postoperative Reexamination*	WU Feng, QI Lei, JIN Liang, et al.(28)
MRI Diagnosis and Differential Diagnosis of Brainstem Metastases	LIU Jin-lai, ZHOU Qing-an, JIN Yan, et al.(31)
Diagnostic Value of 64-slice CT Angiography in Responsible Lesions of Patients with Subarachnoid Hemorrhage	LI Ning.(34)
Feasibility Analysis of Low-dose Contrast Agent in Multi-slice CT Head and Neck Angiography	ZHANG Xin, CHEN Xiao-yu, YANG Na, et al.(38)
Clinical Features and Early Diagnosis Value of CT and MRI in Patients with Nasal & Sinus ENKTC*	LU Chen-guang, SUN Zhi-qiang.(42)
Application of MSCT in the Differential Diagnosis of Basal Cell Tumor of Parotid Gland and Warthin's Tumor	LIAO Jian-yong, DU Jing-bo, LIU Ying-xin, et al.(45)
Imaging Characteristic of Benign Lymphoepithelial Lesion of Parotid Gland*	ZOU Hong, YI Kun-ming, ZHANG Le-tian, et al.(48)
Diagnostic Value of MSCT and Ultrasound in Thyroid Micro-nodules	JIN Qiao-fang, LIU Wen-wu, WU Qian-ling, et al.(51)

CHEST IMAGING

Clinical Study of PET/CT Metabolic Parameters and LMR in the Evaluation of Short-term Efficacy of Lung Cancer Chemoradiotherapy*	CHAI Guang-jin, LI Wei-wei, LYU Bo, et al.(54)
Clinical Diagnostic Value of Multi-slice Spiral CT (MSCT) Combined with CA153, CEA, and CA199 Detection for Lung Cancer	LIU Tao.(57)
Study on CT and MRT features Peripheral Lung Cancer	WANG Xue-song, LIU Han-lin.(60)
The Diagnostic Value of High-Resolution CT in Carcinoma in Situ and Invasive Carcinoma of Patients with Pulmonary Sarcoidosis	WANG Jun, ZENG Qing-hua, LI Yong-hong, et al.(63)
Differentiation of Benign and Malignant Pulmonary Solid Lesions by Monoexponential and Biexponential Model Diffusion Weighted Imaging Based on Fast Spin Echo*	CHEN Song, WAN Qi, LEI Qiang, et al.(66)
Application of Machine learning in Pathologically Confirmed Tuberculosis Lesions*	YAN Ming-yan, LI Jiao, QI Yu-long, et al.(69)
Differential Diagnosis Value of MSCT Examination for MP and MP Combined with SP in Children*	YUAN Juan, BAI Hui-ping, XU Peng-fei, et al.(72)
Analysis of Relationship between Quantitative Analysis of HRCT Emphysema and Severity of COPD Patients	LIU Aru, WEI Hua, DENG Yong-hong.(74)
Feasibility of Dual-source CT Dual-energy Lung Perfusion Imaging in Assessing the Severity of Disease and Right Heart Function in Patients with Acute Pulmonary Embolism	WAN Ze-an, TAN Wu-ping, MIAO Gui-hua, et al.(77)
Correlation between Lung Function Parameters and High-resolution Chest CT Images in Children with Refractory Mycoplasma Pneumoniae*	LIU Yu-jiao, LI Mei.(79)

The Value of Barium Esophagography Combined with CT in the Evaluation of Short-term Efficacy and Prognosis of Radiotherapy for Esophageal Cancer	ZHANG Xing-yuan, ZHANG Jin-an, WANG San-ping.(82)
Clinical Study on Diagnostic Value of Dual-Source CT Angiography for Non-ST Elevation Acute Coronary Syndrome	LI Hua, ZHAO Ling-ling, XU Wei.(86)
A Controlled Study on the Diagnostic Value of Mammography and MRI in Breast Cancer	HUANG Li, CHEN Ya-ming, ZHANG Xue-jun.(89)
Value of DOT Combined with PET-CT in the Diagnosis of Breast Cancer	YANG Shu, LIN Xiao-dan.(92)
Application of Color Doppler Ultrasound Combined with CT in the Differential Diagnosis of Axillary Metastatic Lymph Nodes of Breast Cancer	Li Yan-hui, Ma Ya-xiu, Fan Na, et al.(95)
Diagnostic Value of 3.0T High MRI and Molybdenum Mammography in Breast Cancer*	YANG Ya, HU Zhi-min.(98)
ABDOMEN IMAGING	
Effect of Different Injection Flow Rates of Contrast Agents on Arterial Phase Artifacts and Overall Image Quality of Gd-EOBDTPA Enhanced Liver MRI*	CHAI Rong-jing, GONG Wan-qing, YAN Guang-ping, et al.(101)
Image Expression of Hepatic Angiomyolipoma in MSCT and MRI Scan*	QIAN Xiao-dong, YANG Chao-hui, TANG Ya-qin, et al.(104)
Application of MRI in the Evaluation of the Curative Effect of Patients with Hepatic Alveolar Hydatid Disease after Microwave Ablation	LIU Gang, GAN Zheng-ning, XUE Chang-ju, et al.(106)
Imaging Diagnosis of Renal Agenesis or Dysplasia	HU Yu-xin, LIN Li-fu, CHEN Shan-hong, et al.(110)
Application of Dynamic Contrast-enhanced Magnetic Resonance Imaging Combined with DWI and Transrectal Ultrasonography in Diagnosing Prostatic Diseases	TAI Zhao-qin, XU Xiao-hu, XU Ya-chun, et al.(113)
Study on Application Value of ¹⁸ F-FDG/PETCT in Prostate Cancer*	TIAN Jiao, LI Zhuan, YANG Dan, et al.(117)
Early Diagnostic Value of Transrectal Contrast-enhanced Ultrasonography Combined with Magnetic Resonance Imaging in Prostate Cancer*	ZHAO Yun-xin, SUN Jian, WANG Xiao-lian, et al.(120)
Diagnostic Accuracy of Multi-parameter MRI Examination for Submucosal Myoma of Uterus and Comparison with Results of Hysteroscopy*	MEI Guang-xiong, ZHAO Xiao-hua, TANG Yi-zhong, et al.(123)
Diagnostic Value of Contrast-enhanced Ultrasound and MSCT in Preoperative Clinical Staging of Cervical Cancer	MOU Qin, QI Lei.(126)
HIFU Therapeutic Effect and Safety Analysis of Different MRI Characteristics of Focal Adenomyosis*	SHEN Min, Liu Shan-shan, He Yu-qin, et al.(129)
Application Value of Energy Spectrum CT Multi-parameter Imaging in Differentiation of Gastric Adenocarcinoma	LI Chang-jian, ZHU Guang-hui.(133)
Comparative Study on CT Signs of Intestinal Hemorrhage and Ischemic Disease*	WU Ju-fang, XI Li-jun, LIANG Li-hua, et al.(136)
Clinical Application Value of Multislice Spiral CT before and after Repair of Gastrointestinal Perforation	SHANG Jian-ying, DENG Zhi-gang.(139)
Application of Abdominal CT Enhancement Scan in Diagnosing Colon Cancer TNM Staging	ZHANG Na, YUAN Yu-hong.(141)
Evaluated Value of Magnetic Resonance Diffusion-weighted Imaging ADC Value on Efficacy of Chemoradiotherapy for Colorectal Cancer	HAN Chao, CHEN Xin-hui.(144)
MRI Features and Differential Diagnosis of Rare Rectal Malignant Tumors	WANG Ting-hong, JIA Xiao-feng.(148)
High-resolution MRI Imaging Technology in the Pathology Control Study of T and N Staging of before the Operation of Rectal Cancer*	FENG Chao, LU Fang-ming, LI Xiao-min, et al.(151)
Comparison of Clinical and MSCT Characteristics of AML and ccRCC Patients and Analysis of Their Clinical Application Value	MA Ji, CHEN Ya-ming, ZHAO Ben-hao, et al.(154)
MUSCULOSKELETAL IMAGING	
Comparison on Diagnostic Value of MRI and Spiral-CT in Advanced Lumbar Facet Joint Osteoarthritis	WANG Feng.(157)
Relationship between Curative Effect of Systemic Rehabilitation Treatment after Knee Ligament Injury Surgery and MRI Imaging Results of Knee Joint*	ZHANG Zhi-juan, ZHANG Feng-lin, MENG Ling-bo.(159)
MRI Findings of Knee Gouty Arthritis and Their Relationship with Serum IL-1 β , ESR, and IL-8 Levels	FENG Yan-bing, LI Gang.(163)
Effect of DR and CT Scan in the Evaluating Condition of Indirect Reduction of Intrapelvic Bone Fragment in Patients with Thoracolumbar Burst Fractures	QUAN Zhi-yong, MENG Qing-kai, Guo Yan-ge.(166)
Clinical Application Value of X-ray Film and MSCT Post-processing Technique in Traumatic Fracture of Elbow Joint of Children*	MA Yu-long, SONG De-fu, XING Shi-long, et al.(169)
Clinical Value of MSCT and MRI in the Treatment of Occult Fractures of Joint*	HE Yuan-jiang, LI Xu, XIONG Xiong.(172)
Value of MRI and CT in Diagnosis and Identification of Spinal Tuberculosis and Spinal Tumors	LI Li-xin, RUAN Jin-rong, SUN Li.(175)
Value of Ultrasound and MRI in Diagnosing Piriformis Syndrome	NING Min, YAO Jia-chao, YANG Pei-jin, et al.(178)
SYSTEM IMAGING	
Clinical Diagnostic Value of Four-dimensional Ultrasound Combined with MRI in Fetal Malformation in Second Trimester and Pregnancy Outcomes	ZHANG Shuai, CHEN Jian-ling, HUANG Ya-zhe, et al.(181)
CASE REPORTS	
Two Cases of Goitre Ovar II	ZHOU Jing-ru, YANG Qi-qi, CHEN Xiu-jie, et al. (185)
Cardiac MRI and Transesophageal Ultrasound Techniques Simultaneous Diagnosis of Large-area Cerebral Infarction Caused by Patent Foramen : A Case Report *	LAN Chun-wei, LIU Tao, YUAN Kun-xiong, et al. (186)

* reprints the fund article