



# 中国医学影像学杂志

月刊

第 19 卷 第 2 期 总第 93 期

2011 年 2 月 1 日出版

## 目 次

### 超声医学

- 微泡介导下诊断超声开放人血脑屏障的可行性实验研究 ..... 付赤学, 高云华, 刘政, 等 (81)
- 超声诊断肺动脉栓塞的应用价值 ..... 王静, 王玲, 李焯, 等 (84)
- 三尖瓣环收缩期位移评价肺动脉高压患者右心室功能的研究 ..... 赵利辉, 黄灿亮, 陈静婉, 等 (87)
- 经皮注射淋巴结超声造影与常规超声对乳腺癌前哨淋巴结的诊断价值比较 ..... 钟丽瑶, 曹泽民 (92)
- 超声造影在诊断乳腺癌肝转移中的应用价值 ..... 黄建国, 翁高龙, 查莉, 等 (96)
- 真空辅助活检对空心针活检病理结果与超声诊断存在差异的乳腺占位性病变的诊断研究  
..... 王知力, 刘刚, 万文博, 等 (100)
- 规范产前超声检查诊断胎儿肢体畸形的价值 ..... 宋凤菊, 孙小平, 张燕 (104)
- 超声三维成像模式在筛查胎儿肢体畸形中的应用 ..... 杨炜, 杨萌 (107)

### 医学影像工程

- 医学影像存档和通讯系统的临床应用研究 ..... 曾琼新, 郑君惠, 谭绍恒, 等 (109)
- 计算机 X 线摄影曝光量与曝光指数的研究 ..... 洗朝晖, 刘文华, 周全, 等 (115)

### 介入医学

- 人造动静脉内瘘血栓后介入治疗的疗效分析 ..... 明志兵, 丁文彬, 袁瑞凡 (118)

### 放射诊断

- 乳腺癌动态增强 MRI 表现与病理、分子预后指标的相关性分析 ..... 徐慧, 贾文霄, 周梅 (121)
- MRI 引导乳腺活组织穿刺检查的初步研究 ..... 程流泉, 王建东, 刘梅, 等 (129)
- 颅内原发性脑黑色素细胞瘤 1 例报道 ..... 归云荣, 归俊, 马春艳, 等 (133)
- 肝细胞瘤 1.5T <sup>1</sup>H-MRS 波峰形态特征分析 ..... 刘帅, 赵卫东, 陈鹏, 等 (135)
- 脾淋巴瘤的 CT 影像学特征 ..... 詹勇, 向子云, 王静波, 等 (139)
- 团注追踪技术在下肢动脉造影中的应用 ..... 袁远, 邱怀明, 曾晓华 (143)
- 高分辨率 CT 及多平面重建对泪腺脱垂的诊断价值 ..... 宁燕, 齐鑫, 贾卉, 等 (146)
- 6 例重症甲型 H1N1 流感的肺部 CT 影像分析 ..... 朱玉春, 王建良, 刘丽华, 等 (149)
- 右下颌下腺混合瘤 1 例 ..... 胡仲新 (153)

### 述评与综述

- 超声造影对乳腺良、恶性病变及其相关预后评价的研究进展 ..... 李颖嘉, 文戈, 何洁 (155)
- HIFU 联合超声微泡造影剂治疗肿瘤的研究进展 ..... 陈莉, 胡兵 (158)

## CONTENTS IN BRIEF

### Ultrasound Imaging

- 81 Blood Brain-Barrier Disruption Using Microbubbles with Diagnostic Ultrasound: A Feasibility Study  
*FU Chixue, GAO Yunhua, LIU Zheng, et al*
- 84 Clinical Application of Ultrasonography in Diagnosing Pulmonary Embolism  
*WANG Jing, WANG Ling, LI Chan, et al*
- 87 Right Ventricular Function Assessed by Tricuspid Annular Plane Systolic Excurtion in Patients with Pulmonary Arterial Hypertension  
*ZHAO Lihui, HUANG Canliang, CHEN Jingwan, et al*
- 92 To Compare the Diagnose Value of the Sentinel Lymph Node of Breast Cancer Injected Subcutaneously US Contrast-Enhanced and Traditional US  
*ZHONG Liyao, CAO Zemin*
- 96 Value of Contrast-enhanced Ultrasound in the Diagnosis of Liver Metastasis From Breast Cancer  
*HUANG Jianguo, WENG Gaolong, ZHA Li, et al*
- 100 Study of Vacuum-assisted Biopsy System in Breast Lesions with Difference in Core Needle Biopsy and Ultrasound Diagnosis  
*WANG Zhili, LIU Gang, WAN Wenbo, et al*
- 104 The Value of Standardized Prenatal Ultrasonography in Diagnosis of Fetal Limb Deformities  
*SONG Fengjü, SUN Xiaoping, ZHANG Yan*

### Medical Imaging Engineering

- 109 Application of Picture Archiving and Communication Systems  
*ZENG Qiongxin, ZHENG Junhui, TAN Shaoheng, et al*
- 115 The Study of Computer Radiography Exposure Dose and Exposure Index  
*XIAN Zhaohui, LIU Wenhua, ZHOU Quan, et al*

### Interventional Medicine

- 118 Curative Effect of Interventional Treatment in Thrombosis of Arteriovenous Fistulas  
*MING Zhibing, DING Wenbin, YUAN Rui fan*

## Diagnostic Radiology

- 121 Correlation Between Dynamic MR Features and Pathology, Prognostic Factors in Breast Cancer  
*XU Hui, JIA Wenxiao, ZHOU Mei*
- 129 MRI-Guided Breast Biopsy; Initial Experience  
*CHENG Liuquan, WANG Jiandong, LIU Mei, et al*
- 135 <sup>1</sup>H-MRS Analysis of Hepatocellular Carcinoma at 1.5 Tesla MR Scanner  
*LIU Shuai, ZHAO Weidong, CHEN Peng, et al*
- 139 CT Features of Splenic Lymphoma  
*ZHAN Yong, XIANG Ziyun, WANG Jingbo, et al*
- 143 Bolus Chasing Technology in Arteriography of Lower Extremity  
*YUAN Yuan, QIU Huaiming, ZENG Xiaohua*
- 146 The Diagnostic Value of High-Resolution CT and Multiplanar Reconstruction for Lacrimal Gland Prolapse  
*NING Yan, QI Xin, JIA Hui, et al*
- 149 CT Features of Lung in 6 Patients With Severe Influenza A(H1N1)  
*ZHU Yuchun, WANG Jianliang, LIU Lihua, et al*

Editor-in-Chief CAI Youquan, ZHOU Cheng

Managing Director CHENG Liuquan

Editor LI Yumei, DING Zhen

English Editor CHENG Liuquan

---

## Chinese Journal of Medical Imaging



Established in October 1993, Monthly

<http://zyyz.cbpt.cnki.net>

Copyright 2011 the Editorial Board of Chinese Journal of  
Medical Imaging

Responsible Institution Ministry of Health, P. R. China

Sponsor Chinese Association of Medical Imaging Technology

Editing and Publishing Editorial Board of Chinese Journal of  
Medical Imaging. Chinese PLA General Hospital, 28 Fuxing  
Road, Beijing 100853. China People's Military Medical  
Press. 22 Fuxing Road, Beijing 100842

Editor-in-chief CAI Youquan ZHOU Cheng

Managing Director CHENG Liuquan

English Abstract Editing CHENG Liuquan

Editor LI Yumei DING Zhen

Tel: 010-66939381, 51927278

E-mail [manuscript.cmi@gmail.com](mailto:manuscript.cmi@gmail.com)

Printing Beijing Jinte Printing House

ISSN 1005-5185 CN 11-3154/R

---