

# 中国现代医学杂志

ZHONGGUO XIANDAI YIXUE ZAZHI

旬刊 1991 年创刊 第 21 卷 第 4 期 2011 年 2 月 10 日出版

主管单位 中华人民共和国教育部  
主办单位 中南大学  
卫生部肝胆肠外科研究  
中心  
协办单位 中华人民共和国卫生部纳  
米生物技术重点实验室  
中南大学生物医学工程  
研究院  
中南大学内镜医学研究  
院  
中国内镜杂志社  
中国医学工程杂志社  
纳米科学杂志社(美国)  
编 辑 中国现代医学杂志编辑  
委员会  
编委会名誉主任 王陇德  
主 编 张阳德  
出 版 中国现代医学杂志社  
湖南省长沙市湘雅路 87  
号 邮编:410008  
电话:(0731)84803066  
传真:(0731)84327987  
广告经营许可证 4301004000086  
印 刷 湖南农科院印刷厂  
(0731)84691244  
发 行 湖南省报刊发行局  
(0731)85988254  
订 购 全国各地邮局  
邮发代号 42-143  
邮 购 中国现代医学杂志编辑  
部 410008  
长沙市湘雅路 87 号  
电话:(0731)84327991  
传真:(0731)84327987  
国际标准刊号 ISSN 1005-8982  
国内统一刊号 CN 43-1225/R  
国内定价 每期 15.00 元  
全年 540.00 元  
E-mail:zgxdyx@cen-cn.com  
<http://www.cen-cn.com>

## 目 次

### •论著•

- Ezrin 蛋白 mRNA 的一、二级结构分析和反义技术作用靶点设计……王姚斐,沈靖南,王晋,等 377  
Nrf2 与非酒精性脂肪性肝病小鼠肝细胞凋亡的关系……孙健,许伟华,周成军,等 384  
siRNA 抑制肾癌 786-O 细胞 G250 基因的表达……赵俊峰,郑少斌,赵善超,等 389  
狗肝菜多糖对免疫功能低下小鼠免疫功能的影响……朱华,张小玲,张可峰,等 393  
EMSI 蛋白在食管鳞状细胞癌组织中的表达及其临床意义……宋珑,胡建国,霍继荣,等 396  
前列腺癌中 DD3 的表达及意义……陈启光,张哲,陈雪磊,等 400  
藤梨根抗病毒活性部位的初步筛选……欧阳红涛,吴晶莹,陈玉祥 404  
肺内喷注脂质化胰岛素对糖尿病大鼠胰岛素吸收的药效观察……郑辉,甄荣,赵乃坤 408  
Math1 基因重组慢病毒的构建及其在 293T 细胞中的表达……潘松,付勇,刘强,等 412  
神经胶质细胞对小鼠骨髓血管内皮前体细胞迁移的作用……王丁丁,于强,倪瑶,等 418  
Livin 和 MDR1 在膀胱尿路上皮癌中的表达及临床意义……李树国,张延辉,王充,等 423  
紫花牡荆素对人卵巢癌 HO-8910 细胞裸鼠移植瘤生长的影响……白军,谢宛玉,谭桂煌,等 426  
•临床论著•  
3 种子宫内膜准备方案对冻融胚胎移植的临床结局比较……王晓兰,刘能辉,李艳萍,等 431  
细胞凋亡抑制因子在老年慢性心力衰竭中的变化及临床意义……薛红新,吴丽颖,赵思义,等 435  
宫颈病变人乳头状瘤病毒分子检测及分型的意义……周红,王秋伟,朱自强,等 438

病毒性脑炎儿童血清酶改变影响因素探讨 ..... 王 鹰,边凤芝 442

·综述·

模式识别受体与 2 型糖尿病 ..... 张红梅 综述,陈璐璐 审校 447

·新进展研究·

腹壁韧带样纤维瘤临床特点和治疗(附 33 例病例报告) ..... 蔡海峰,赵 刚,潘玉昆,等 450

乳腺 MRI 常规成像和动态增强成像在乳腺疾病鉴别诊断中的意义 ..... 李 富,曾 健,王 强,等 453

短期胰岛素泵强化治疗对新诊断 2 型糖尿病患者胰岛素抵抗的影响及其抗氧化机制 ..... 陶松桔,尹支农 457

冠心病患者血浆血管活性肽水平变化及临床意义 ..... 刘鹤龄,周昭仑,林爱珍 461

下肢深静脉血栓形成 35 例分析 ..... 焦一伟,肖 艰,彭 薇,等 464

2003~2009 年 102 家医院住院患者头孢菌素使用的趋势研究 ..... 刘敬伟,肖水源,甘 霖,等 467

肱三头肌两侧入路双钢板固定治疗肱骨髁间粉碎骨折 ..... 昌中孝,李文庆 472

防旋股骨近端髓内钉和动力髋部螺钉治疗股骨转子间骨折疗效的比较 ..... 左文山,戴志堂,田纪伟 475

APACHE II、Ranson 和 BalthazarCT 评分系统对急性胰腺炎严重程度评估的比较 ..... 张生彬,张阳德,周永升 479

子宫环形捆扎术在产后出血中的应用研究 ..... 钱慧远,吴新琦 482

BiPAP 呼吸机治疗 35 例急性重症心功能不全的临床观察 ..... 杨荣强 484

乳腺癌腋清扫术不同解剖途径对保留肋间臂神经成功率的影响 ..... 熊秋云,杜哲明,吴晓波 487

PTMC 球囊直径的选择倾向性及其对即时扩张效果的影响 ..... 徐先增,伍伟锋,曾知恒,等 491

64 排螺旋 CT 在气管支架置入术中的应用 ..... 陶兆武,赵 苏 494

3 种静脉麻醉药物对小儿七氟烷麻醉苏醒期躁动的影响 ..... 王春艳,杨鸿儒,姚 怡,等 497

阿德福韦酯联合安络化纤丸治疗慢性乙型肝炎患者的血清肝纤维化指标的影响变化 ..... 白宇鹏,张 武,王保春 500

血糖波动及其控制与老年内科危重症短期死亡率的关系 ..... 詹俊鲲,李文俊,张 平,等 503

心脏术后呼吸系统顺应性的临床观察 ..... 张庆祥,李宗琥,李秀勇,等 507

动脉瘤性蛛网膜下腔出血的循证护理 ..... 孙霄云,刘 壅,罗俊生,等 510

动态血压及代谢当量在中重度阻塞性睡眠呼吸暂停低通气综合征疗效评估中的应用 ..... 邹月娥,王富森,欧阳清彦,等 514

泌尿外科住院患者合并医院感染的临床特征分析 ..... 刘建辉 518

原发性肝癌患者血清酶类标志物变化的临床意义 ..... 王 英,朱 波,劳 明,等 521

腹腔镜下根治性全膀胱切除术与开放手术近期疗效比较 ..... 张建军,苟 欣 524

·临床报道·

颅脑减压术后腰穿放脑脊液时机与量的把握 ..... 王 满,胡亚兰,任国庆,等 527

肝硬化腹水并发自发性细菌性腹膜炎的相关因素分析 ..... 刘需祥 529

采用国产器械行经脐单孔腹腔胆囊切除术 28 例分析 ..... 段绍斌,居来提,邓明飞,等 531

老年慢性心力衰竭并发心肾综合征的相关危险因素分析 ..... 姚红梅 534

卫生部医管司内镜临床诊疗质量评价专家委员会、中国医师协会内镜医师分会、内镜与微创专业技术全国考评委员会重要信息 ..... 封二、封三

# CHINA JOURNAL OF MODERN MEDICINE

Ten-day periodical Volume 21, Number 4, Feb. 10, 2011

## Responsible institution

Ministry of Education, P.R.China

## Sponsors

Central South University

National Hepatobiliary & Enteric  
Surgery Research Center, Ministry of  
Health, P.R.China

<http://www.cen-en.com>

## Cosponsors

National Key Laboratory of Nanobiological Technology, P.R.China

Institute of Biomedical Engineering,  
Central South University

Institute of Endoscopic Medicine,  
Central South University

China Journal of Endoscopy Press

China Medical Engineering Press

Nanoscience Press

## Editing

Editorial Board of China Journal of  
Modern Medicine

## Honorary editor-in-chief

WANG Long-de

## Editor-in-chief

ZHANG Yang-de

## Publishing

China Journal of Modern Medicine  
Press

87 Xiangya Road, Changsha, Hunan  
Postal Code: 410008

Telephone: +86-731-84327991

Fax: +86-731-84803066,84327987

E-mail: ejmm@2118.cn

## Advertisement certificate

4301004000086

## Printing

Hunan Academy of Agricultural Sci-  
ence Printing Corporation

+86-731-84691244

## Domestic distribution

Hunan Press Bureau

+86-731-85988254

## Subscription

All Domestic Local Post Offices  
Postal Distribution Code 42-143

## Mail-order

Editorial Board of China Journal of  
Modern Medicine

87 Xiangya Road, Changsha, Hunan  
Postal Code: 410008

Telephone: +86-731-84327991

Fax: +86-731-84327987

## ISSN

ISSN 1005-8982 CN 43-1225/R

## Subscription price

\$20 /Issue, \$720 /Year

## Table of Contents

### •Original articles•

- Primary and secondary structure analysis and antisense technology target sites designation of Ezrin mRNA.....  
.....WANG Yao-fei, SHEN Jing-nan, WANG Jin, et al 377
- The relationship between NF-E2-related factor 2 (Nrf2) and hepatocyte apoptosis of nonalcoholic fatty liver disease in mice.....  
.....SUN Jian, XU Wei-hua, ZHOU Cheng-jun, et al 384
- Inhibition of G250 gene in renal cell carcinoma 786-0 cell line by siRNA.....  
.....ZHAO Jun-feng, ZHENG Shao-bin, ZHAO Shan-chao, et al 389
- Effect of the dcliptera chinensis polysaccharides on immunity in mice.....  
.....ZHU Hua, ZHANG Xiao-ling, ZHANG Ke-feng, et al 393
- The expression and clinical significance of EMS1 in esophagus aquamous cell carcinoma..... SONG Long, HU Jian-guo, HUO Ji-rong, et al 396
- Significance of DD3 expression in prostate cancer.....  
.....CHEN Qi-guang, ZHANG Zhe, CHEN Xue-lei, et al 400
- Preliminary screening of Actinidiace antiviral activity fraction.....  
.....OUYANG Hong-tao, WU Jing-ying, CHEN Yu-xiang 404
- The pharmacodynamics observation of enhanced pulmonary insulin absorption by admixture of liposome in diabetes rats model.....  
.....ZHENG Hui, ZHEN Rong, ZHAO Nai-kun 408
- Construct recombinant lentivirus vector with Math1 and the expression of Math1 in 293T cells..... PAN Song, FU Yong, LIU Qiang, et al 412
- Effects of co-culture with retinal glia cells on the migration of endothelial progenitor cells..... WANG Ding-ding, YU Qiang, NI Yao, et al 418
- Expression and significance of livin and MDR1 in bladder urothelial carcinoma..... LI Shu-guo, ZHANG Yan-hui, WANG Chong, et al 423
- Effect of easticin on the growth of human ovarian carcinoma HO-8910 cells xenografts in nude mice.....  
.....BAI Jun, XIE Wan-yu, TAN Gui-huang, et al 426
- ### •Clinical theses•
- Comparison of pregnancy outcome of three endometrial preparation protocols for frozen-thawed embryo transfer.....  
.....WANG Xiao-Lan, LIU Neng-hui, LI Yan-ping, et al 431
- The clinical significance of cell apoptosis inhibiting factor in chronic heart failure..... XUE Hong-xin, WU Li-ying, ZHAO Si-yi, et al 435
- The significance of human papillomavirus DNA test and type specific distribution in cervical diseases.....  
.....ZHOU Hong, WANG Qiu-wei, ZHU Zi-qiang, et al 438

Myocardial enzymes changes in children with acute viral encephalitis.....	WANG Ying, BIAN Feng-zhi	442
<b>•Reviews•</b>		
Pattern recognition receptor and type 2 diabetes.....	ZHANG Hong-mei, CHEN Lu-lu	447
<b>•New development and researches•</b>		
Abdominal wall desmoid tumor—a report of 33 cases.....	CAI Hai-feng, ZHAO Gang, PAN Yu-kun, et al	450
MRI routine-scanning and dynamic contrast-enhanced MRI for differential diagnosis of breast diseases.....	.....LI Fu, ZENG Jian, WANG Qiang, ZHANG Lei	453
Effect of short-term intensive treatment with insulin pump on the insulin resistance in newly diagnosed type 2 diabetes mellitus and its antioxidation mechanism.....	TAO Song-ju, YIN Zhi-nong	457
Changes of plasma vasoactive peptides in coronary heart patients and its significance.....	.....LIU He-ling, ZHOU Zhao-lun, LIN Ai-zhen	461
Analysis of 35 cases of deep vein thrombosis development in lower extremity.....	.....JIAO Yi-wei, XIAO Jian, PENG Wei, et al	464
Trend study of inpatients' cephalosporins application in 102 hospitals from 2003 to 2009.....	.....LIU Jin-wei, XIAO Shui-yuan, GAN Lin, et al	467
Surgical fixation of humeral intercondylar comminuted fracture using double-plate by triceps bilateral approach.....	.....CHANG Zhong-xiao, LI Wen-qing	472
Comparison of therapeutic effect of PFNA with DHS in intertrochanteric fractures.....	.....ZUO Wen-shan, DAI Zhi-tang, TIAN Ji-wei	475
Prediction of severity in acute pancreatitis: a comparative study of APACHE II, Ranson and Balthazar computed tomography scoring systems.....	ZHANG Sheng-bin, ZHANG Yang-de, ZHOU Yong-sheng	479
Application of uterine corpus circular banding technique in postpartum hemorrhage.....	.....NIU Hui-yuan, WU Xin-qi	482
Clinical observation of 35 cases with severe acute cardiac insufficiency treated with non-invasive bi-level positive airway pressure ventilation.....	.....YANG Rong-qiang	484
Success rates of the different dissection way of preserving intercostobrachial nerve during axillary node clearance for breast cancer.....	XIONG Qiu-yun, DU Zhe-ming, WU Xiao-bo	487
PTMC balloon diameter selection and its effect on the immediate expansion.....	.....XU Xian-zeng, WU Wei-feng, ZENG Zhi-heng, et al	491
Application of 64-row multidetector computed tomography in tracheal stent implantation.....	.....TAO Zhao-wu, ZHAO Su	494
Effects of three intravenous anesthetics on incidence of emergence delirium after sevoflurane anesthesia for children.....	WANG Chun-yan, YANG Hong-ru, YAO Yi, et al	487
Serum hepatic fibrosis indicator changes in the patients with chronic hepatitis B using adefovir dipivoxil plus anluoxuaxian pills.....	BAI Yu-peng, ZHANG Wu, WANG Bao-chun	500
The association of variability of blood glucose concentration and its control with short-term mortality in aged patients with critical medical disease.....	ZHAN Jun-kun, LI Wen-jun, ZHANG Ping, et al	503
Clinical observation of dynamic pulmonary compliance in patients after cardiac surgery.....	.....ZHANG Qing-xiang, LI Zong-xiao, LI Xiu-yong, et al	507
Evidence based nursing of aneurysmal subarachnoid hemorrhage.....	.....SUN Xiao-yun, LIU Kun, LUO Jun-sheng, et al	510
Value of ambulatory blood pressure monitoring and treadmill exercise test with moderate to severe obstructive sleep apnea-hypopnea syndrome.....	ZOU Yue-e, WANG Fu-sen, OUYIANG Qin-yuan, et al	514
Analysis of clinical features of urology inpatient hospital infection.....	.....LIU Jian-hui	518
The clinical significance of changes of serum enzymes markers in patients with primary hepatocarcinoma.....	.....WANG Ying, ZHU Bo, LAO Ming, et al	521

Radical cystectomy for bladder cancer: short-time outcome of laparoscopy versus open surgery.....	ZHANG Jian-jun, GOU Xin 524
<b>•Clinical reports•</b>	
Amount and time control of cerebrospinal fluid release in lumbar puncture after cerebral decompression.....	WANG Man, HU Ya-lan, REN Guo-qing, et al 527
Relationship factors analysis of cirrhosis with spontaneous bacterial peritonitis.....	LIU Xu-xiang 529
Single umbilical pore laparoscopic cholecystectomy using domestic equipment for 28 cases.....	DUAN Shao-bin, JU Lai-ti, DENG Ming-fei, et al 531
Risk factors analysis of chronic heart failure complicated by heart and kidney syndrome.....	YAO Hong-mei 534

**Gynecology** Minimally Invasive Endoscopic Evaluation of Professional and Technical National Committee, Chinese Medical Doctor Association Endoscopic Doctor Association, the World Association of Endoscopic Doctor Association of Gynecologic Endoscopy and Minimally Invasive China Professional Committee Launching Meeting Summary, Thoracic Surgery Endoscopic and Minimally Invasive National Evaluation Committee of Expertise and Techniques, Endoscopic Doctor Association Chinese Medical Association, World Association of Endoscopic Doctor Association Chinese Endoscopic and Minimally Invasive Thoracic Surgery Committee First General Council Meeting Minutes and Notice of China Journal of Modern Medicine Has Been Changed to Ten-day Periodical..... cover, Back, inserts (1) and inserts (2)

The second session of the World (Twentieth China) Endoscopy Doctors Conference, the Second Surgical Symposium Macao and Hong Kong, the World Expo, last for four days in Macau. 200 multi-national and multi-specialty medical masters from all over the world delivered the lectures, more than 2,300 deputies presented, many media called "minimally invasive endoscopy lifts the global technology revolution"..... insert(4)

The Second World (the 20th China) Congress of Endoscopic Doctors, and the Second Annual meeting of surgeons in Hongkong and Macao were successfully held in Macao on 29th October, 2010..... insert(10)

Year 2010 3rd China Natural Orifice Transluminal Endoscopic Surgery Conference and Awarded China's First "Endoscopic Doctor (Teacher) Certificate" on the 6th China Nano-biotechnology Conference On July 24, 2010, Shanghai..... insert(25)

cover Brief Introduction of Chief-in-editor Zhang Yang-de..... insert (28)

Accredited 15 endoscopic specialist professional and technical training base of Ministry of Health, lists of the base director and eliminating measures..... insert (34)

The Endoscopic Technique Training Bases Ministry of Health, P.R.China, the Directors and Quality Control Measure..... insert (35)

Chinese Endoscopy News Network: Multi-disciplinary Website in Endoscopy Approved by Chinese Government was Founded..... insert (49)

The Founding of World Endoscopic Doctor Association, World Endoscopic Expo in the Ceremony of the 2009 Endoscopic Medical Science and Technology Awards..... insert (55)

Inscriptions made by Medical experts for the endoscopic development..... insert (60)

China Journal of Modern Medicine and China Journal of Endoscopy Start Online Submission System and Notice to Reviewers..... insert (61)

News of Annual Report Conference about 116 Research Projects in Three Key Fields (Nanomedicine Preparation, Nanobiomaterial, and Nanobiodevice) in National "863" Projects of the Eleventh Five-year Plan..... insert (62)

Important Information of Endoscopic Doctor Association of Chinese Medical Association, and National Evaluation Committee of Endoscopic Expertise..... insert (63)

Beijing Union Medical College Hospital, Chinese Academy of Medical Sciences, "Chen Minzhang Digestive Endoscopy Center was established and The First National Health Ministry Endoscopic Diagnosis and Treatment Technology (Gastroenterology) Training Base "Was On-Site Accepted and Celebration Held..... insert (65)

China Clinical endoscopic and minimally invasive specialist doctors (teachers) Exemption Certificate evaluation form (including Hong Kong, Macao and Taiwan, MD)..... insert (67)

The notice issued by the Ministry of Health hospital administration Department on the establishment of the of clinical endoscopic quality evaluation committee..... insert (69)

Approval Certificate Ministry of Science and Technology of People's Republic of China..... insert (71)

The Notice of First Minimally Invasive Endoscopic Doctors (Teachers) Certificates Issued By General Assembly In China..... insert (72)

Essential parameter of journal: CN43-1225/R \* 1991 \* \* A4 \* 160 \* zh+en \* P \* ¥15.00 \* 3500 \* 41 \* 2011-02

Chinese responsible editor ZENG Wen-jun, TAN Liang

English responsible editors CHEN Yu-xiang