



# 中国现代医学杂志

ZHONGGUO XIANDAI YIXUE ZAZHI

旬刊 1991年创刊 第22卷 第10期 2012年4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(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·

- 高效多功能空气净化机对可吸入颗粒物、气态甲醛和白葡萄球菌  
的净化效果测试..... 谢 天,张宗久,张阳德,等 1  
异氟烷麻醉后低体温对大鼠海马的影响.....  
.....谭文斐,田阿勇,王俊科,等 7  
血清转化生长因子  $\beta$  对大鼠肝纤维化影响的研究.....  
.....曹友德,范莎莎,邓中华 12  
儿茶素抑制肝癌细胞增殖、诱导凋亡作用研究..... 赵 新 17  
槲皮素对人内皮祖细胞增殖和凋亡的影响及机制研究.....  
.....胥光热,彭永权,林 静,等 22  
紫杉醇长循环纳米脂质体的抗肿瘤作用... 唐 勇,李 坚,张阳德 29

### ·临床论著·

- 2010年湘雅医院细菌耐药性监测..... 邹明祥,李 军,邹靖敏,等 33  
非小细胞肺癌患者血清肝细胞生长因子及转化生长因子- $\beta$  的检测  
及临床意义..... 陈志军,史莉瑾,赵国昌,等 38  
伊马替尼治疗慢性粒细胞白血病期间谷浓度与疗效的关系.....  
.....刘晓蕾,姚海英,刘永建,等 42  
Notch1 受体和配体分子 Jagged1 蛋白在肝癌组织中的表达及意义  
.....刘 虹,李 建 45  
直肠癌术后吻合口漏患者手术后血液中白蛋白、C-反应蛋白及前  
白蛋白的水平变化及临床意义..... 王海鹏,朱裘嘉 49  
CD44v6 及 VEGF 在子宫颈糜烂病中的表达及意义.....  
.....杨 静,杨苏安,段 智 52  
CD133 和 CD44 在前列腺癌中的表达及意义.....  
.....冀 阳,胡新生,郭国营 56

### ·新进展研究·

- 经颅皮层电刺激对脊髓损伤的诊断价值.....  
.....徐国卫,刘 欣,王晓楠,等 59  
综合康复治疗对蝮蛇咬伤患者疗效研究..... 李湘云,宾文凯 62  
川崎病患儿恢复期连续性随访观察..... 王小凤,王从军,谢小兵 66

血栓抽吸导管在急性心肌梗死急诊介入治疗中的应用·····	黄伟光,罗景云,赵强,等	69
用LMS法建立长沙市3~11岁儿童体质指数生长曲线·····	周乐山,李琛琛,何国平,等	73
41例面中部骨折的临床诊治分析·····	龚维熙,陈伟,李宏伟,等	76
术中超声辅助颅内血管性疾病的外科治疗研究·····	欧阳竹,徐贇琼,蒋宇钢	79
丹参川芎嗪注射液联合缬沙坦治疗早期糖尿病肾病的临床观察·····	郑大军,胡量,黄静	83
子宫肌瘤合并胆囊结石病因分析·····	朱小朝,徐凤秦,何继龙,等	85
620例子官内膜间质肉瘤临床特征的系统评价·····	谷旸,周欣	88
抗焦虑抑郁药物治疗耳鸣的疗效观察·····	兰新海	93
应用神经电生理监测重症脑损害的脑功能研究·····	范秀玉,王琳娜,范博,等	97

### ·临床报道·

达英-35、补佳乐、克罗米芬序贯用药及克罗米芬单用治疗多囊卵巢综合征的疗效观察·····	李梅,肖秋莲,彭成武	100
--	------------	-----

### ·学术报告·

案例式立体教学法在泌尿外科学教学中的应用·····	祖雄兵,张晖辉	103
地方综合性大学医学生临床实习质量监控评价体系的研究·····	贺军,王艳,杨林,等	105
解剖学实验考试方法改革与智能化题库的应用·····	司道文,孙红,刘奕蓉,等	108

### ·病例报告·

环磷酰胺治疗狼疮性肾炎所致心脏毒性1例·····	闫喆,杨林,张春霞	111
--------------------------	-----------	-----

第22届中国内镜医师大会将于2012年8月10日在广东中山召开、第4届世界内镜医师高峰论坛将于2012年10月2日在乌克兰召开·····	封一、封三、封底	
继续推进内镜微创医学、纳米生物技术领先、协同创新建立产学研国际联盟;国家科技部批准卫生部肝胆肠外科研究中心组建;国家内镜微创技术装备与标准国际联合研究中心;联合国专家探讨制定全球统一规范内镜与微创技术和装备国际标准·····	封二	
杂志主编张阳德简介·····	插页(1)	
20年铸就中国内镜微创医学这一年轻的技术、年轻的团队、年轻的学科。我国内镜微创行业已建立15个专科专业委员会行业组织,以“理念、理论、技术创新”,行业提名凝心聚力,推进成就我国百名“世界一流医师”振兴华医计划·····	插页(5-7)	
妇科《内镜与微创专业技术全国考评委员会、中国医师协会内镜医师分会、世界内镜医师协会中国协会妇科内镜与微创专业委员会》成立大会会议纪要·····	插页(8)	
胸外科《内镜与微创专业技术全国考评委员会、中国医师协会内镜医师分会、世界内镜医师协会中国协会胸外科内镜与微创专业委员会》第一届常务理事会会议纪要·····	插页(9)	
卫生部医管司组织创建内镜微创行业15个专科专业委员会全部成立,凝心成就我国百名“世界一流医师”·····	插页(11)	
第二届世界(第二十届中国)内镜医师大会、第二届澳港外科学术交流会、世界内镜博览会在澳门召开四天。多国多专科200多国际医学大师学术演讲,2300多代表参会,多家媒体称“内镜微创掀全球科技革命”·····	插页(13)	
世界内镜医师协会和世界内镜博览会成立、2009恩德思医学科学技术奖颁奖·····	插页(19)	
2010年第三届中国经自然腔道内镜外科大会暨第六届中国纳米生物技术大会上中国首次颁发各专科《内镜微创医师(教师)证》——2010年7月24日上海·····	插页(24)	

关于加快推动成就《国际一流内镜与微创医师计划》实施和 2011 年为各专科提供品牌内镜大会公共平台的征求意见函.....	插页(27)
公布已验收 15 个专科卫生部内镜专业技术培训基地、基地主任名单和基地优存劣汰质量控制措施.....	插页(29)
关于成立内镜与微创专业技术全国考评委员会“经自然腔道内镜专家委员会(NOTES)”,严格实施 NOTES 临床监督应用的通知.....	插页(41)
公布 NOTES 经自然腔道内镜专家委员会名单暨第一批考评医师名单.....	插页(42)
“中国内镜新闻网”我国批准创建的内镜领域医理工多学科网站.....	插页(44)
全国第二届内镜微创保胆学术大会筹备会议纪要.....	插页(46)
全国内镜与抗菌消毒专家委员会和全国内镜与抗菌消毒及消毒设备公司联盟会筹备与成立大会在上海召开.....	插页(48)
中国现代医学杂志社、中国内镜杂志社网上投稿系统开通暨特约评审专家邀请通知.....	插页(50)
中国医学科学院北京协和医院“陈敏章消化内镜中心成立暨首家全国卫生部内镜诊疗技术(消化科)培训基地”通过现场验收庆祝大会.....	插页(51)
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.....	插页(53)
卫生部医管司关于成立内镜临床诊疗质量评价专家委员会的通知.....	插页(55)
中华人民共和国科学技术部批准证书.....	插页(57)
卫生部医管司 15 个内镜微创专业委员会行业组织凝心成就我国百名世界一流医师,推进千亿内镜装备国产.....	插页(58)
2011 年公布已获内镜微创(教师)证的《卫生部医管司内镜与微创临床质量监管全国考核评价专家》部分专家名单.....	插页(60)
世界内镜医师协会中国 17 个内镜微创协会机构.....	插页(61)
临床医学重点:培养世界一流医师 尊重知识、尊重人才、尊爱内镜微创名医,人民受益.....	插页(63)
2011 年第 3 届世界(第 21 届中国)内镜医师大会暨恩德思医学科学技术奖颁奖大会.....	插页(65)
16 个专科全国高等医药院校教材《内镜微创学》是内镜临床诊疗质评专家委员会规范培训教材.....	插页(66)
期刊基本参数: CN43-1225/R * 1991 * * A4 * 112 * zh+en * P * ¥15.00 * 2000 * 30 * 2012-04	
中文责任编辑 曾文军	

# CHINA JOURNAL OF MODERN MEDICINE

Ten-day periodical Volume 22, Number 10, Apr. 10, 2012

## 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-cn.com>

## Cosponsors

National Key Laboratory of Nanobio-  
logical 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: [cjmm@2118.cn](mailto:cjmm@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

## CSSN

ISSN 1005-8982 CN 43-1225/R

## Subscription price

\$20 /Issue, \$720 /Year

## Table of Contents

### •Original articles•

- Removal of inhalable particulates, gaseous formaldehyde and staphylo-  
coccus albus by an efficient multifunctional air purifier.....  
.....XIE Tian, ZHANG Zong-jiu, ZHANG Yang-de, et al 1
- Effect of hypothermia following isoflurane anesthesia on hippocampus in  
rats.....TAN Wen-fei, TIAN A-yong, WANG Jun-ke, et al 7
- Effect of serum TGF- $\beta$  level on hepatic fibrosis of rats.....  
.....CAO You-de, FAN Sha-sha, DENG Zhong-hua 12
- Effects of catechin on cells proliferation and apoptosis in human hepato-  
cellular carcinoma cell..... ZHAO Xin 17
- Effects and underlying mechanism of quercetin on proliferation and  
apoptosis of human endothelial progenitor cells.....  
.....XU Guang-re, PENG Yong-quan, LIN Jing, et al 22
- Anticancer effect of long-circulating nanoliposome packaging paclitaxel  
in vitro and in vivo..... TANG Yong, LI Jian, ZHANG Yang-de 29

### •Clinical theses•

- 2010 surveillance of bacterial resistance in Xiangya hospital.....  
.....ZOU Ming-xiang, LI Jun, WU Jing-min, et al 33
- Clinical significance of detecting serum HGF and TGF- $\beta$ in patients with  
non-small cell lung cancer.....  
.....CHEN Zhi-jun, SHI Li-jin, ZHAO Guo-chan, et al 38
- Relationship between blood drug level and efficacy of imatinib for  
chronic myeloid leukemia.....  
.....LIU Xiao-lei, YAO Hai-ying, LIU Yong-jian, et al 42
- The expression and clinical significance of Notch1 receptor and Jagged1  
ligand gene in hepatocellular carcinoma..... LIU Hong, LI Jian 45
- Changes and clinical significances of albumin, C-reactive protein and  
prealbumin levels in the blood of patients with anastomotic leak after  
colorectal cancer surgeries.....WANG Hai-peng, ZHU Xi-jia 49
- Expression and implication of CD44v6 and VEGF in adenomyosis.....  
.....YANG Jing, YANG Su-an, DUAN Zhi 52
- The expressions and significance of CD133 and CD44 in cancer of  
prostate.....JI Yang, HU Xin-shen, GUO Guo-ying 56

### •New development and researches•

Value of transcranial electrical stimulation motor evoked potential (TES-

MEP) in the diagnosis of position of spinal cord injury.....	
.....XU Guo-wei, LIU Xin, WANG Xiao-nan, et al	59
Study on curative effect of comprehensive rehabilitation therapy for patients suffering the viper bites.....	
.....LI Xiang-yun, BIN Wen-kai	62
Continual follow-up observation of Kawasaki disease in stage of recovery.....	
.....WANG Xiao-feng, WANG Cong-jun, XIE Xiao-bing	66
Application of thrombus aspiration catheter during primary percutaneous coronary intervention in patients with acute myocardial infarction.....	
HUANG Wei-guang, LUO Jing-yun, ZHAO Qiang, et al	69
Constructing the body mass index (BMI) centile curve for children from 3 to 11 years of age in Changsha with the LMS methods.....	
ZHOU Le-shan, LI Chen-chen, HE Guo-ping, et al	73
Clinical management and diagnosis of middle facial fracture: 41 cases report.....	
.....GONG Wei-xi, CHEN Wei, LI Hong-wei, et al	76
Study of intraoperative ultrasound assisted cerebral vascular disease surgery.....	
.....OUYang Zhu, XU Gan-qiong, JIANG Yu-gang	79
Clinical observation of the effectiveness of salvia ligustrazine combined with valsartan in treating diabetic nephropathy at early stage.....	
ZHENG Da-jun, HU Liang, HUAN Jing	83
Analysis of the pathogenic factors of hysterymyoma with cholecystolithiasis.....	
.....ZHU Xiao-chao, XU Feng-qin, HE Ji-long, et al	85
Systematic review of clinical features in 620 cases with endometrial stromal sarcoma.....	
.....GU Yang, ZHOU Xin	88
Effects of antianxiety and antidepressant medication of patients with tinnitus.....	
LAN Xin-hai	93
The cerebral function monitoring with neurophysiology in severe brain injury.....	
.....FAN Xiu-yu, WANG Lin-na, FAN Bo, et al	97
<b>· Clinical reports ·</b>	
Curative effect of sequential therapy of Diane-35, progynova and clomifene and single therapy of clomifene for PCOS.....	
LI Mei, XIAO Qiu-lian, PENG Cheng-wu	100
<b>· Academic report ·</b>	
Application of CTTM in urology surgery teaching.....	
ZU Xiong-bing, ZHANG Hui-hui	103
Research of quality control system of clinical practice for medical student in local comprehensive university.....	
HE Jun, WANG Yan, YANG Lin, et al	105
Reformation of practical examination methods of anatomy and application of intelligent question bank.....	
SI Dao-wen, ZHANG Xiao-hong, LIU Yi-rong, et al	108
<b>· The Cases Reports ·</b>	
1 case treated by cyclophosphamide for cardiotoxicity caused by lupus nephritis.....	
.....YAN Zhe, YANG Lin, ZHANG Chun-xia	111
<b>The 22nd China Endoscope Doctors Conference will be held in Zhongshan, Guangdong on August 10, 2012, the 4th World Endoscope Doctors Summit will be held in Ukraine on October 2, 2012.....</b>	
.....front cover, inside back cover, back cover	
<b>To continue to advance Endoscopic medicine, nanobiotechnology, jointly innovate to set up international industry-academia research league, which was approved by the Ministry of Science and Technology Hepatobiliary and Enteric Surgery Research Center of Ministry of Health undertakes; International Joint Research Center of National Endoscopic Equipment and Standards; Organize the experts from different countries to develop a global unified and standardized endoscopic and minimally invasive techniques and international standards of equipments.....</b>	
.....inside front cover	

<b>Brief Introduction of Chief-in-editor Zhang Yang-de</b> .....	<b>insert (1)</b>
<b>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</b> .....	<b>inserts (8)</b>
<b>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</b> .....	<b>inserts (9)</b>
<b>HA Division of Health Ministry organized and established 15 Experts Committees in Endoscopic and Minimally Invasive Industry</b> .....	<b>Insert (11)</b>
<b>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"</b> .....	<b>insert (13)</b>
<b>The Founding of World Endoscopic Doctor Association, World Endoscopic Expo in the Ceremony of the 2009 Endoscopic Medical Science and Technology Awards</b> .....	<b>insert (19)</b>
<b>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</b> .....	<b>insert (24)</b>
<b>Accredited 15 endoscopic specialist professional and technical training base of Ministry of Health, lists of the base director and eliminating measures</b> .....	<b>insert (29)</b>
<b>Chinese Endoscopy News Network: Multi-disciplinary Website in Endoscopy Approved by Chinese Government was Founded</b> .....	<b>insert (44)</b>
<b>China Journal of Modern Medicine and China Journal of Endoscopy Start Online Submission System and Notice to Reviewers</b> .....	<b>insert (50)</b>
<b>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</b> .....	<b>insert (51)</b>
<b>Important Information of Endoscopic Doctor Association of Chinese Medical Association, and National Evaluation Committee of Endoscopic Expertise</b> .....	<b>insert (53)</b>
<b>2011 3rd World (21th China) Endoscopy Doctors Conference and Endos Medical Science and Technology Awards Conference</b> .....	<b>insert (65)</b>
<b>16 specialties textbook Minimally Invasive Endoscopy for medical colleges is the training materials proposed by the experts of Endoscopic Clinical Diagnosis and Treatment Quality Assessment Committee</b> .....	<b>insert (66)</b>

**Essential parameter of journal: CN43-1225/R \* 1991 \* \* A4 \* 112 \* zh-en \* P \* ¥15.00 \* 2000 \* 30 \* 2012-04  
Chinese responsible editor ZENG Wen-jun**