

ZHONGGUO XIANDAI YIXUE ZAZHI
CHINA JOURNAL OF MODERN MEDICINE

Volume 22 Number 18 June, 2012

UNDER MINISTRY OF EDUCATION OF THE PEOPLE'S REPUBLIC OF CHINA

中国现代医学杂志

ZHONGGUO XIANDAI YIXUE ZAZHI

旬刊 1991年创刊 第22卷 第18期 2012年6月30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·

- Angiotensin/Tie2 系统在大鼠高动力型肺动脉高压形成中的作用…
………王 伟,王治平,方丹青 1
mPEG-CS 纳米粒介导 livin 与 survivin 小干扰 RNA 杀伤结肠癌细胞
………张阳德,杨柳青 12
抗骨桥蛋白(OPN)和整合素 $\beta 3$ 抗体中和 OPN、整合素 $\beta 3$ 对小鼠
胚泡种植的影响………刘能辉,周昌菊 18
川芎嗪脂质体贴剂的制备及体内外评价………
………刘星言,何志巍,李彩虹,等 23
醛固酮对人肾小管上皮细胞 MMP-1/TIMP-1 基因表达和合成分泌
纤维连接蛋白的影响………孙东立,张林霞,李 颖,等 28

·临床论著·

- HPV-18 病毒 E2、E6 与 Brd4 在宫颈癌及癌前病变的表达与意义…
………黄卓敏,江曼茹,古 衍,等 32
二甲双胍对人 HER2 阳性乳腺癌细胞增殖与凋亡的影响………
………冯 铎,陈天文,陶霖玉,等 37
P-P38 和 uPA 蛋白在食管鳞癌中的表达及意义………
………梁章平,史华珍,刘 勇,等 41
修复基因 XRCC1 多态性在肝癌发病机制中的作用………
………薄挽澜,张贵贤,李冬月,等 45
盐酸法舒地尔对脑梗死患者的疗效及对血清中 IL-6、IL-12 和
IL-18 影响的研究………赵海清,陈传磊,陈 澎,等 49

·综述·

- 甲状腺功能减退对妊娠及其结局的影响………肖海群,王 新 53
血小板 TLT-1 新进展………沈 俐,夏 珂,杨天伦 58
中心静脉导管相关性纤维蛋白鞘预防和治疗进展………
………赵丽萍,王文丽,夏春芳,等 62

·新进展研究·

- 中国近 30 年胆囊腺肌增生症流行病学特征及诊治经验………

.....	殷 雷,邱法波,吴昌亮,等	66
尿微量蛋白在高血压和 2 型糖尿病早期肾脏损害中的诊断价值.....	吴 钢	71
心元胶囊治疗气阴两虚型心绞痛疗效观察.....	崔洪亮,张阳德	74
喉返神经显露在甲状腺手术中的意义.....	陈向能,陈春明,符 坤	77
闭合性胰腺损伤的诊断和外科治疗.....	曾锦生,吴安涛,李 勇,等	80
初次与重复体外受精-胚胎移植治疗中夫妇焦虑、抑郁及社会支持状况探讨.....	董悦芝,杨晓霞	83
早期介入传统中医康复的现代康复治疗对脑卒中后足下垂的疗效观察.....	王秀汝	87
Leep 刀与微波治疗宫颈糜烂的疗效比较.....	谭训清	91
显微外科技术辅助比格犬阴茎离断再植对照研究.....	赵永斌,郭 飞,张利朝,等	94
全血细胞减少的骨髓活检病理学特点.....	彭树松,胡锦涛,贺黎升,等	97
品管圈在医院优质服务质量持续改进中的效果评价.....	高元芝	100
基层医院应用国产重组人脑利钠肽治疗急性左心衰临床疗效和安全性研究...	李 文,刘 晔,谢喜中	103
增殖性糖尿病视网膜膜病变的玻璃体切除术的疗效分析.....	梅 锋,周 琼	107

·临床报道·

应用低分子肝素治疗胎儿生长受限的临床分析.....	樊 晟,龙 伟	110
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会议将于 2012 年 10 月 2 日在乌克兰召开.....	封一	
张阳德当选中国首位乌克兰国家医学科学院外籍院士.....	封二	
第 22 届中国内镜医师大会暨恩德思医学科学技术奖颁奖大会、恩德思世界医疗器械药品博览会会议通知.....	封三、封底	
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(42)

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(43)

“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(45)

全国第二届内镜微创保胆学术大会筹备会议纪要.....插页(47)

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(50)

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(52)

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(53)

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(55)

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(57)

中华人民共和国科学技术部批准证书..... 插页(59)

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(60)

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(62)

世界内镜医师协会中国 17 个内镜微创医师协会机构..... 插页(63)

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(65)

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..... 插页(69)

(1)乌克兰国家科学技术简介;(2)乌克兰国家医学科学院“成员”;(3)乌克兰敖德萨医科大学“荣誉博士”.....
..... 插页(70)

期刊基本参数: CN43-1225/R * 1991 * * A4 * 112 * zh+en * P * ¥15.00 * 2000 * 27 * 2012-06

中文责任编辑 张西倩

CHINA JOURNAL OF MODERN MEDICINE

Ten-day periodical Volume 22, Number 18, Jun. 30, 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

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•

Role of angiotensin/Tie2 system in development of overcirculation-induced
rat pulmonary arterial hypertension.....

.....WANG Wei, WANG Zhi-ping, FANG Dan-qing 1

Living and survivin small interfering RNAs mediated by mPEG-CS
nanoparticles have an anti-coloncarcinoma effect.....

.....ZHANG Yang-de, YANG Liu-qing 12

The effects of osteopontin and integrin $\beta 3$ antibodies on mice blastocyst
implantation.....LIU Neng-hui, ZHOU Chang-ju 18

Preparation of a ligustrazine ethosome patch and its evaluation in vitro and
in vivo.....LIU Xing-yan, HE Zhi-wei, LI Cai-long, et al 23

Effects of aldosterone on gene expressions of MMP-1/TIMP-1 and secretion
of fibronectin in cultured human renal tubular epithelial cells.....

.....SUN Dong-li, ZHANG Lin-xia, LI Ying, et al 28

•Clinical theses•

Expression of human papillomavirus-18 E6, E2 and cellular bromodomain
protein Brd4 in cervical intraepithelial neoplasia and cervical carcinoma...

.....HANG Zhuo-min, JIANG Man-ru, GU Yan, et al 32

Effects on the proliferation and apoptosis of human HER2 positive breast
cancer cells by metformin in vitro.....

.....FENG Duo, CHEN Tian-wen, TAO Lin-yu, et al 37

The expression and significance of P-P38 and uPA in esophageal squamous
cell carcinoma... LIANG Zhang-ping, SHI Hua-zhen, LIU Yong, et al 41

The study of Polymorphisms of DNA Repair Gene XRCC1 and Hepatic
Cancer..... BO Wan-lan, ZHANG Gui-xian, LI Dong-yue, et al 45

The clinical effect observation, IL-6, IL-12 and IL-18 detection in patients
with acute cerebral infarction by fasudil hydrochloride.....

.....ZHAO Hai-qing, CHEN Chuan-lei, CHEN Peng, et al 49

•Reviews•

Influence of hypothyroidism on pregnancy and its outcomes.....

.....XIAO Hai-qun, WANG Xin 53

The new Progress of study on Platelet TLT-1.....

.....SHEN Li, XIA Ke, YANG Tian-lun 58

The progress of prevention and treatment in central venous catheter-related
fibrin sheath... ZHAO Li-ping, WANG Wen-li, XIA Chun-fang, et al 62

·New development and researches·

Epidemiological feature diagnosis and treatment of adenomyomatosis of the Gallbladder in China in the past 30 years·····	YIN Lei, QIU Fa-bo, WU Chang-liang, et al	66
The clinical evaluation of mAlb in hypertension and type 2 diabetes with early nephropathy·····	WU Gang	71
Clinical observation of Xinyuan Capsule on Angina Pectoris·····	CUI Hong-liang, ZHANG Yang-de	74
Effect of exposure of the recurrent laryngeal nerve in thyroid surgery: a report of 170 cases·····	CHEN Xiang-neng, CHEN Chun-ming, FU Kun	77
Diagnosis and surgical treatment of blunt pancreatic trauma···	ZENG Jin-sheng, WU An-tao, LI Yong, et al	80
Anxiety, depression and social support for Couples in the first and repeated IVF-ET treatments·····	DONG Yue-zhi, YANG Xiao-xia	83
Observation of modern rehabilitation combined with early Traditional Chinese Medicine rehabilitation to foot drop after Stroke·····	WANG Xiu-ru	87
A comparison on curative effect between Leep knife and microwave in treatment of cervical erosion·····	TAN Xun-qing	91
Control study in using microsurgical technique assist penile replantation on beagle dogs·····	ZHAO Yong-bin, GUO Fei, ZHANG Li-chao, et al	94
Bone marrow pathologic features of patients with pancytopenia·····	PENG Shu-song, HU Jin-tao, HE Li-sheng, et al	97
The effect evaluation of the quality control circle program on continual improvement of high-quality nursing service·····	GAO Yuan-zhi	100
The study of curative effect and safety to apply lyophilize recombinant human brain natriuretic peptide in acute heart failure patients in the basic hospital·····	LI Wen, LIU Ye, XIE Xi-zhong	103
Effect analysis of the vitrectomy for the treatment of proliferative diabetic retinopathy·····	MEI Feng, ZHOU Qiong	107

·Clinical reports·

Clinical analysis of the low molecular weight heparin in the treatment of fetal growth restriction·····	FAN Sheng, LONG Wei	110
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·····		front cover
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·····		inside front cover
Brief Introduction of Chief-in-editor Zhang Yang-de·····		insert (1)
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·····		inserts (8)
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..... inserts (9)

HA Division of Health Ministry organized and established 15 Experts Committees in Endoscopic and Minimally Invasive Industry..... Insert (11)

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 (13)

The Founding of World Endoscopic Doctor Association, World Endoscopic Expo in the Ceremony of the 2009 Endoscopic Medical Science and Technology Awards..... insert (19)

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 (24)

Accredited 15 endoscopic specialist professional and technical training base of Ministry of Health, lists of the base director and eliminating measures.....insert (29)

Chinese Endoscopy News Network: Multi-disciplinary Website in Endoscopy Approved by Chinese Government was Founded..... insert (45)

China Journal of Modern Medicine and China Journal of Endoscopy Start Online Submission System and Notice to Reviewers..... insert (52)

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 (53)

Important Information of Endoscopic Doctor Association of Chinese Medical Association, and National Evaluation Committee of Endoscopic Expertise..... insert (55)

Essential parameter of journal: CN43-1225/R * 1991 * * A4 * 112 * zh-en * P * ¥15.00 * 2000 * 27 * 2012-06

Chinese responsible editor ZHANG Xi-qian