



ISSN 1005-8982

CN 43-1225/R

# 中国现代医学杂志

ZHONGGUO XIANDAI YIXUE ZAZHI  
CHINA JOURNAL OF MODERN MEDICINE

第27卷 第28期 2017年12月  
Volume 27 Number 28 December 2017



ISSN 1005-8982



北大中文核心期刊  
中国科技论文统计源期刊

本刊网址: [www.zgxdyx.com](http://www.zgxdyx.com)

# 中国现代医学杂志

ZHONGGUO XIANDAI YIXUE ZAZHI

旬刊 1991 年创刊 第 27 卷 第 28 期 2017 年 12 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

中南大学湘雅医院

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 陈子华

出 版 湖南省湘雅医学期刊社有限公司

湖南省长沙市湘雅路 87 号

邮编：410008

电话：(0731) 84327993

传真：(0731) 84327987

E-mail：journal@zgxdyx.com

官网：http://www.zgxdyx.com

印 刷 湖南省新创印务有限公司  
(0731) 82244272

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) 84327993

传真：(0731) 84327987

国内定价 每期 25.00 元，全年 900.00 元

国家标准连续出版物号

ISSN 1005-8982

CN43-1225/R

## 目 次

### 基础研究·论著

慢性应激对大鼠肾脏水通道蛋白 1 的影响及机制研究.....	朱叶, 卫郅星, 陈晓帆, 等	1
远志汤有效成分对 APP/PS1 小鼠氧化损伤的保护作用机制研究.....	董海影, 丛欢, 王俊革, 等	6
野生型 PTEN 过表达对体外活化肝星状细胞内钙离子浓度的影响.....	郝礼森, 宋小杰, 王玉兰, 等	12
冷沉淀外敷对家兔感染创面修复的影响.....	胡捷, 刘庚勋, 江小工, 等	16

### 临床研究·论著

不同血液净化模式对终末期肾病患者的自身免疫、炎症应激及生活质量的影响.....	唐俊, 左满花, 黄德斌	22
TACE 联合利卡汀治疗对肝癌患者病理指标及 CTCs 检出数的影响.....	吴润芝, 张为群, 王信成, 等	29
SRPX2 在胃癌中的表达及对细胞侵袭的影响.....	李婷, 彭波	36

### · 综述 ·

中药活性成分 — 姜黄素抗乳腺癌的基础研究新进展.....	吕艳, 李翀, 耿强	41
-------------------------------	------------	----

### 新进展研究·论著

抗阻运动对糖尿病前期伴轻度高血压人群血压的影响.....	麻晓君, 戴霞, 罗祖纯, 等	45
年龄、体重指数与女性生育因素对乳腺密度的影响研究.....	冯娜娜, 王庆海, 陈雯, 等	51
术中分层冷冻切片在乳腺癌前哨淋巴结活检中的诊断价值.....	黄自明, 王蓉, 郑媛, 等	56
H 型高血压合并颈动脉粥样硬化患者血清 Hcy 含量与炎症因子、斑块稳定性的相关性.....	许金鹏, 刘洋, 李靖, 等	61

同型半胱氨酸和超敏 C 反应蛋白与冠状动脉粥样硬化性心脏病的相关性分析.....	张秋焕, 辛成德, 钟白云	66
结直肠癌患者临床资料的对比分析.....	许晶, 牛昱欣, 王贵来, 等	70
老年患者人工股骨头置换的三维有限元分析.....	李恩琪, 赵喆, 张金利	78
早产视网膜病变患儿早期屈光状态研究.....	麦伟虎	82
MicroRNA-9-3p 在 2 型糖尿病合并不稳定型心绞痛患者血浆中的表达分析.....	孙雅楠, 李斯, 房辉, 等	86
单纯瓣膜置换术后机械通气时间延长的危险因素分析以及对临床预后的影响.....		
屈光参差性弱视与斜视性弱视的电生理研究.....	徐先增, 刘阳春, 钱靖, 等	91
工作应激与健康体检人群心电图异常表现的相关性分析.....	吴晓璇, 周珺, 王肖, 等	96
内外固定结合与双侧钢板内固定治疗复杂胫骨平台骨折的临床对比研究.....	周百刚, 冯宏伟, 贺西京	102
rhEGF 联合点阵激光对痤疮疤痕患者皮肤屏障功能及 TLR2 水平的影响.....	赵翠杨, 夏丹英, 马蕾	106
2 种调强放疗技术联合紫杉醇脂质体同步治疗Ⅱ B-Ⅲ B 期宫颈癌的临床疗效比较.....	金艳霞, 张晓兰, 宋静	110
胸腰椎跳跃型骨折治疗方法的选择及其临床疗效.....	杨明, 贺宝荣, 郝定均, 等	119

### · 临床报道 ·

雷珠单抗辅助双微创眼前后节联合手术治疗合并白内障的增殖性糖尿病视网膜病变.....		
.....	李佳佳, 陈彬川, 李帅飞	124

### · 病例报告 ·

内镜下钬激光治疗巨大胃石 1 例.....	谌黄威, 黄鹤, 贾柳萍	127
<b>欢迎订阅《中国现代医学杂志》</b> .....		60
<b>《中国现代医学杂志》投稿须知</b> .....		77

**期刊基本参数 :** CN43-1225/R \* 1991 \* t \* A4 \* 128 \* zh+en \* P \* ¥ 25.0 \* 1500 \* 26 \* 2017-12

**中文责任编辑 :** 张蕾

**中国知网优先数字出版网址 :** <http://www.cnki.net>

**本刊网址 :** [www.zgxdyx.com](http://www.zgxdyx.com)

# CHINA JOURNAL OF MODERN MEDICINE

Ten-day periodical Volume 27, Number 28, Dec. 10, 2017

## Responsible institution

Ministry of Education, China

## Sponsors

Central South University  
Xiangya Hospital of Central South  
University

## Editing

Editorial Board of China Journal of  
Modern Medicine

## Honorary editor-in-chief

Long-de Wang

## Editor-in-chief

Zi-hua Chen

## Publishing

Hunan Xiangya Medical Periodical  
Press Co. Ltd.  
87 Xiangya Road, Changsha, Hunan  
410008, China  
Telephone: (86-731) 84327993  
Fax: (86-731) 84327987  
E-mail: journal@zgxdyx.com  
Website: http://www.zgxdyx.com

## Printing

Hunan Xin Chuang Printing Co. Ltd.  
(86-731) 82244272

## 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  
410008, China  
Telephone: (86-731) 84327993  
Fax: (86-731) 84327987

## Subscription price

25.0 Yuan/Issue, 900 Yuan/Year

## CSSN

ISSN 1005-8982  
CN43-1225/R

## Table of Contents

### · Original articles ·

- Effect of chronic stress on renal aquaporin-1 expression in rats and its mechanism ..... Ye Zhu, Zhi-xing Wei, Xiao-fan Chen, *et al* 1  
Study on protective effect of effective components of Polygala Decoction on oxidative damage in APP/PS1 double transgenic mice ..... Hai-ying Dong, Huan Cong, Jun-ping Wang, *et al* 6  
Effect of wild-type PTEN over-expression on intracellular calcium ion concentration in activated hepatic stellate cells *in vitro* ..... Li-sen Hao, Xiao-jie Song, Yu-lan Wang, *et al* 12  
Plama cryoprecipitate for repair of infected wounds in rabbits ..... Jie Hu, Geng-xun Liu, Xiao-gong Jiang, *et al* 16

### · Clinical theses ·

- Effect of different hemopurification types on autoimmunity, inflammation stress and quality of life in patients with end-stage renal disease ..... Jun Tang, Man-hua Zuo, De-bin Huang 22  
Effect of transcatheter arterial chemoembolization combined with Licartin on pathological indicators and number of circulating tumor cells in liver cancer patients ..... Run-zhi Wu, Wei-qun Zhang, Xin-cheng Wang, *et al* 29  
Expression of SRPX2 in human gastric carcinoma and its role in cell invasion ..... Ting Li, Bo Peng 36

### · Review ·

- New development of fundamental research on curcumin as active ingredients of traditional Chinese medicine in breast cancer therapy ..... Yan Lü, Chong Li, Qiang Geng 41

### · New development and researches ·

- Effect of resistance exercise on blood pressure of people with mild hypertension in prediabetes ..... Xiao-jun Ma, Xia Dai, Zu-chun Luo, *et al* 45  
Influence of age, BMI and fertility factors on female breast density ..... Na-na Feng, Qing-hai Wang, Wen Chen, *et al* 51

Diagnostic value of intraoperative frozen section in sentinel lymph node biopsy of breast cancer.....	Zi-ming Huang, Rong Wang, Yuan Zheng, et al	56
Correlations of homocysteine with inflammatory factors and plaque stability in H-type hypertension patients combined with carotid atherosclerosis.....	Jin-peng Xu, Yang Liu, Jing Li, et al	61
Correlations of homocysteine and hypersensitive c-reactive protein with coronary heart disease.....	Qiu-huan Zhang, Cheng-de Xin, Bai-yun Zhong	66
Retrospective analysis of clinical data of patients with colorectal cancer in a hospital of Qiqihar city.....	Jing Xu, Yu-Xin Niu, Gui-lai Wang, et al	70
Finite element analysis of arthroplasty for unstable femoral intertrochanteric fractures in senile people.....	En-qi Li, Zhe Zhao, Jin-li Zhang	78
Refractive state in infants with retinopathy of prematurity during their early life.....	Wei-hu Mai	82
Clinical significance of plasma miR-9-3p in patients of type 2 diabetes with unstable angina.....	Ya-nan Sun, Si Li, Hui Fang, et al	86
Risk factors for prolonged mechanical ventilation after isolated heart valve replacement and its effect on clinical prognosis.....	Xian-zeng Xu, Yang-chun Liu, Jing Qian, et al	91
Electrophysiological analysis of strabismic amblyopia and anisometropic amblyopia.....	Xiao-xuan Wu, Jun Zhou, Xiao Wang, et al	96
Correlation between work stress and ECG abnormalities of healthy population.....	Xiang Liu, Jun Zhao, Yan-ling Hong	102
Therapeutic effect of limited internal fixation combined with external fixation and bilateral inside-fixed steel for complex tibial plateau fractures: a controlled clinical study.....	Bai-gang Zhou, Hong-wei Feng, Xi-jing He	106
Effect of rhEGF combined with lattice laser on skin barrier function and TLR2 level in patients with acne scars.....	Cui-yang Zhao, Dan-ying Xia, Lei Ma	110
Clinical comparative study of two kinds of intensity-modulated radiotherapy regimens combined with paclitaxel liposome in treatment of cervical cancer in stage II B and III B.....	Yan-xia Jin, Xiao-lan Zhang, Jing Song	115
Treatment options and clinical outcomes of noncontiguous thoracolumbar fractures.....	Ming Yang, Bao-rong He, Ding-jun Hao, et al	119

### • Clinical report •

Ranibizumab assisted micro-incision phacoemulsification combined vitrectomy for treatment of proliferative diabetic retinopathy with cataract.....	Jia-jia Li, Bin-chuan Chen, Shuai-fei Li	124
--	--	-----

### • Case report •

Endoscopic holmium laser in treatment of one case of huge gastrolithiasis.....	Huang-wei Chen, He Huang, Liu-ping Jia	127
--	--	-----

<b>Announcement about subscription of China Journal of Modern Medicine.....</b>	60
<b>Instructions for submitting papers to China Journal of Modern Medicine.....</b>	77

**Essential parameter of journal:** CN43-1225/R \* 1991 \* A4 \* 128 \* zh+en \*P\* ¥25.0 \* 1500 \*26 \* 2017-12

**Chinese responsible editor:** Lei Zhang