



ISSN 1005-8982 ( Print )

ISSN 2096-9236 (Online)

CN 43-1225/R

# 中国现代医学杂志

ZHONGGUO XIANDAI YIXUE ZAZHI  
CHINA JOURNAL OF MODERN MEDICINE

第31卷  
Volume 31

第20期  
Number 20

2021年10月  
October 2021



ISSN 1005-8982



《中文核心期刊要目总览》收录期刊

中国科技论文统计源期刊

中国科技核心期刊

中南大学 中南大学湘雅医院主办

[www.zgxdyx.com](http://www.zgxdyx.com)

# 中国现代医学杂志

ZHONGGUO XIANDAI YIXUE ZAZHI

半月刊 1991 年创刊 第 31 卷 第 20 期 2021 年 10 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

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 : www.zgxdyx.com

广告发布登记编号

湘市监广登字 [2019] 第 35 号

印 刷 长沙芙蓉印务广告有限公司  
15073124455

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 600.00 元

国家标准连续出版物号

ISSN 1005-8982 (Print)  
ISSN 2096-9236 (Online)  
CN 43-1225/R

## 目 次

### 专家述评

骨质疏松症与痴呆关系的研究进展 ..... 范东伟, 陈仲强 1

### 骨科疾病专题·论著

新型高光面抗生素骨水泥间隔器治疗髋关节假体周围感染的早期疗效分析 ..... 钟达, 谷四全, 雷鹏飞, 等 6

老年全髋关节置换术后患者感染现状及其影响因素分析 .....

..... 李丹, 马秀红, 李春影, 等 13

直接前入路与后外侧入路初次全髋关节置换术患者的临床疗效比较 .....

..... 白文艺, 吴晗, 吴一博, 等 18

桃红四物汤联合单侧经皮穿刺椎体成形术治疗老年骨质疏松性椎体压缩性骨折的临床研究 ..... 王志刚, 刘沛 24

术前临时外固定架处理在复杂胫骨平台骨折内固定术中的临床应用 .....

..... 李福春, 李超, 邓瑀 30

维生素 D 受体基因多态性与青海地区藏族绝经后女性骨质疏松性骨折易感性的关系 ..... 郑峰, 王福荣, 许喆 35

骨质疏松性髋臼骨折患者术后关节功能康复的影响因素分析 .....

..... 罗卢, 熊川, 罗程 42

### 实验研究·论著

氯化钠贮存大鼠皮肤抗原性的表达及活力研究 .....

..... 刘军, 王涛涛, 侯明奎 48

星状神经节阻滞术对大鼠急性心肌梗死后炎症反应的影响 .....

..... 徐瞳, 冯作炫, 周凡, 等 53

## 骨科疾病专题·综述

PI3K/Akt/mTOR信号通路在骨关节炎中的作用 ..... 李田洋, 郑曙光 58

## 临床研究·论著

静脉注射硝普钠治疗精神分裂症有效性的Meta分析 ..... 飞新星, 郑晓娇, 刘可智, 等 64

连续膀胱内灌注透明质酸钠联合高压氧仓治疗放射性膀胱炎出血的疗效观察 ..... 刘耀, 邵绍丰, 李嘉诚, 等 71

钢丝线悬吊法在妇科免气腹单孔腹腔镜手术中的临床应用 ..... 任紫耀, 洪菱 76

类风湿性关节炎患者血清HDL2-c、HDL3-c水平及其临床意义 ..... 向玉林, 韵雪雪 81

青紫合剂联合常规西医治疗过敏性紫癜的疗效分析 ..... 任彦林, 鱼天英, 王赖儿 86

重组人生长激素联合心理干预治疗特发性矮小症患儿的疗效及机制研究 ..... 步佳霖, 温丙友, 姚玲 91

**期刊基本参数 :** CN 43-1225/R \* 1991 \* s \* A4 \* 96 \* zh+en \* P \* ¥ 25.0 \* 1500 \* 17 \* 2021-10

**中文责任编辑 :** 童颖丹

**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

Semimonthly periodical Volume 31, Number 20, Oct. 30, 2021

## 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: www.zgxdyx.com

## Printing

Changsha Fuyin Printing and Advertising  
Company Limited  
15073124455

## 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, 600 Yuan/Year

## CSSN

ISSN 1005-8982(Print)

ISSN 2096-9236(Online)

CN 43-1225/R

## Table of Contents

### · Expert review ·

- Research progress in the relationship between osteoporosis and dementia .....  
..... Dong-wei Fan, Zhong-qiang Chen 1

### · Orthopedic disease researches ·

- Early efficacy of a new highly-polished antibiotic-loaded articulating  
cement spacer in treating periprosthetic hip joint infection .....  
..... Da Zhong, Si-quan Gu, Peng-fei Lei, et al 6
- Infection status and influencing factors thereof in elderly patients after total  
hip arthroplasty ..... Dan Li, Xiu-hong Ma, Chun-ying Li, et al 13
- Comparative analysis of direct anterior approach and posterolateral approach  
in primary total hip arthroplasty ... Wen-yi Bai, Han Wu, Yi-bo Wu, et al 18
- Efficacy of Taohong Siwu Decoction combined with unilateral percutaneous  
vertebroplasty in the treatment of elderly patients with OVCF .....  
..... Zhi-gang Wang, Pei Liu 24

- The role of temporary external fixation prior to the internal fixation of  
complex tibial plateau fractures ..... Fu-chun Li, Chao Li, Yu Deng 30

- Relationship between vitamin D receptor gene polymorphism and  
susceptibility to osteoporotic fracture in Tibetan postmenopausal women  
in Qinghai ..... Feng Zheng, Fu-rong Wang, Zhe Xu 35

- Factors affecting postoperative functional rehabilitation of the hip joint in  
patients with osteoporotic acetabular fractures .....  
..... Lu Luo, Chuan Xiong, Cheng Luo 42

### · Experimental researches ·

- The antigenicity and viability of rat skin stored in sodium chloride .....  
..... Jun Liu, Tao-tao Wang, Ming-kui Hou 48

- The effect of stellate ganglion block on inflammatory response after acute  
myocardial infarction in rats ... Tong Xu, Zuo-xuan Feng, Fan Zhou, et al 53

· Orthopedic disease review ·

Role of PI3K/Akt/mTOR signaling pathway in osteoarthritis ..... Tian-yang Li, Shu-guang Zheng 58

· Clinical researches ·

Efficacy of intravenous sodium nitroprusside in the treatment of schizophrenia: a meta-analysis .....	Xin-xing Fei, Xiao-jiao Zheng, Ke-zhi Liu, et al 64
Effect of continuous intravesical installation of sodium hyaluronate combined with hyperbaric oxygen therapy on radiation-induced hemorrhagic cystitis .....	Yao Liu, Shao-feng Shao, Jia-cheng Li, et al 71
The application of steel wire suspension in gynecological gasless single-port access laparoscopic surgery .....	Zi-yao Ren, Ling Hong 76
Serum levels of HDL2-c and HDL3-c in patients with rheumatoid arthritis and their clinical significance .....	Yu-lin Xiang, Xue-xue Yun 81
Curative effect of Qingzi Mixture combined with routine western medicine on Henoch-Schonlein purpura .....	Yan-lin Ren, Tian-ying Yu, Lai-er Wang 86
Effect of rhGH combined with psychological intervention on children with idiopathic short stature and its mechanism .....	Jia-lin Bu, Bing-you Wen, Ling Yao 91

**Essential parameter of journal:** CN 43-1225/R \* 1991 \* s \* A4 \* 96 \* zh+en \*P\* ¥25.0 \* 1500 \* 17 \* 2021-10

**Chinese responsible editor:** Ying-dan Tong