

齐齐哈尔医学院学报

JOURNAL OF QIQIHAR MEDICAL UNIVERSITY

半月刊 1984 年创刊 第 47 卷 第 8 期 总第 642 期 2026 年 4 月 28 日出版

主 管
黑龙江省教育厅

主 办
齐齐哈尔医学院

总编辑
刘吉成

社 长
迟殿元

编辑部主任
王志超

出 版
《齐齐哈尔医学院学报》编辑部
161006, 黑龙江省齐齐哈尔市建华区卜奎北大街 333 号
电话(传真): 0452-2663532
Email: oac@vip.163.com
http://xb.qmu.edu.cn

印 刷
紫田(黑龙江省)科技有限公司

发 行
范围: 公开
国内: 齐齐哈尔市邮政局

订 购
全国各地邮政局
邮发代号: 14-257

邮 购
《齐齐哈尔医学院学报》编辑部
161006, 黑龙江省齐齐哈尔市建华区卜奎北大街 333 号
电话(传真): 0452-2663532
Email: oac@vip.163.com

国内定价
每期 10.00 元, 全年 240.00 元

中国标准连续出版物号
ISSN 1002-1256
CN 23-1278/R

除非特别声明, 本刊刊出的所有文章不代表本刊编辑委员会的观点
本刊如有印装质量问题, 请向本刊编辑部调换

欢迎关注本刊微信公众号



目 次

论 著

- 小檗碱对降植烷诱导系统性红斑狼疮样小鼠肾脏保护作用及机制 701
丁时磊 王曙光 何彩玉 袁莎莎
- 沉默 HOXB7 对前列腺癌 22RV1 细胞恶性生物学行为的影响 708
王斌辉 周华 黎炼 龙向阳 洪余德

经验交流

- 血清维生素 D、白细胞介素-1 β 、肿瘤坏死因子- α 水平对老年人轻度认知功能障碍的预测价值 714
许慧 唐晓伟 蔡蕊 董旭婷 黄维琳 刘际 梁枫
- 联用益心舒片与美托洛尔对冠心病心绞痛患者炎症因子及血小板活化指标的影响 721
齐培 代升平 杨艳艳 赵移吟
- 心肺运动试验联合 NT-proBNP 截断值验证先心病合并肺动脉高压儿童停药指征 727
李江振 艾峰 胡小松 王露露 宋书波
- 半阻声道式嗓音训练在声带囊肿切除术后恢复中的应用 733
邓大海 吴桂卿 金日群 王睿卿 谢瑞昀 兰贤斌 彭韶平
- 血清 TFF3、NLR 对宫颈癌患者术后复发转移的预测价值 738
王婷 王淑丽 尤小燕 张静华 李红娟
- 重复经颅磁刺激联合放松训练对抑郁伴失眠患者睡眠潜伏期影响的研究 743
邹娜 郅雅娟 韩颖 伍秀燕

高危型 HPV 感染与不孕患者免疫功能、阴道微生态的相关性及对辅助生殖新鲜周 期助孕结局的影响	748
朱培育	
技术·方法	
系统性炎症指标在射血分数改善心力衰竭临床评估中的作用及预测模型构建	753
刘昭君 胡铁戈	
EUS-FNA 对胰腺实性假乳头状瘤的诊断和鉴别诊断价值	761
王威 赵利 朱立强 丁爽	
预防医学	
睡眠呼吸暂停参数在高血压人群中与血脂及颈动脉斑块的相关性研究	767
吴小雷 鲁大胜 杨凌飞	
综述·讲座	
肝硬化合并上消化道出血患者自我管理的研究进展	774
梁君 刘华清 冉淑杰 张悦 王秀清	
根管冲洗体外实验模型的研究进展	779
叶静 徐倩 孙晓曦 马贵	
高教研究	
“病例讨论+模拟手术”PBL 教学在肝胆外科实习中的应用	785
郭俊武 陆炯炯	
麻醉专业学位实践教学案例库建设在新时代育人质量工程(研究生教育)应用效果评价	790
陶静 席彪 于汝 刘磊 凌云志	
护理园地	
多学科合作的专项护理小组模式对急诊 ICU 重症肺炎有创机械通气患者康复进程及血气 分析的影响	795
林艳 黄丽玲	

本期责任编辑 王志超

JOURNAL OF QIQIHAR MEDICAL UNIVERSITY

Semimonthly Established in 1984 Volume 47, Number 8 Apr 28th, 2026

Supervising Authority
Education Department of
Heilongjiang Province

Sponsor
Qiqihar Medical University

Editor-in-Chief
Liu Jicheng

President of Journal
Chi Dianyuan

Director of Editorial Department
Wang Zhichao

Published by
Editorial Department of "Journal of
Qiqihar Medical University"
No.333, Bukui Street, Jianhua District,
Qiqihar, Heilongjiang 161006, China
Tel (Fax) : 0452-2663532
Email: oac@vip.163.com
http://xb.qmu.edu.cn

Printed by
Zitian (Heilongjiang) Technology
Co., Ltd

Mail-order
Editorial Department of "Journal of
Qiqihar Medical University"
No.333, Bukui Street, Jianhua District,
Qiqihar, Heilongjiang 161006, China
Tel (Fax) : 0452-2663532
Email: oac@vip.163.com

CSSN
ISSN 1002-1256
CN 23-1278/R

Important Statements: All articles published in this journal do not necessarily represent the views of the editorial board.
In case of any printing or binding quality issues, please contact the editorial department for a replacement.

CONTENTS IN BRIEF

Protective effect of berberine on the kidney in pristane-induced systemic lupus erythematosus mouse model and its mechanism	701
<i>Ding Shilei, Wang Shuguang, He Caiyu, Yuan Shasha</i>	
Effect of silencing HOXB7 on the malignant biological behavior of prostate cancer 22RV1 cells	708
<i>Wang Binhui, Zhou Hua, Li Lian, Long Xiangyang, Hong Yude</i>	
Predictive value of serum vitamin D, IL-1β, and TNF-α levels for mild cognitive impairment in elderly individuals	714
<i>Xu Hui, Tang Xiaowei, Cai Han, Dong Xuting, Huang Weilin, Liu Ji, Liang Feng</i>	
Influence of combined Yixinshu Tablets and metoprolol on inflammatory factors and platelet activation indicators in patients with angina pectoris due to coronary heart disease	721
<i>Qi Pei, Dai Shengping, Yang Yanyan, Zhao Yizhen</i>	
Exploration of drug discontinuation indications for children with congenital heart disease complicated with pulmonary arterial hypertension: cardiopulmonary exercise testing combined with NT-proBNP cutoff value validation	727
<i>Li Jiangzhen, Ai Feng, Hu Xiaosong, Wang Lulu, Song Shubo</i>	
Application of semi-occluded vocal tract voice training in recovery following vocal fold cyst removal	733
<i>Deng Taihai, Wu Guiqing, Jin Riqun, Wang Ruiqing, Xie Ruiyun, Lan Xianbin, Peng Shaoping</i>	
Predictive value of serum TFF3 and NLR for postoperative recurrence and metastasis in cervical cancer patients	738
<i>Wang Ting, Wang Shuli, You Xiaoyan, Zhang Jinghua, Li Hongjuan</i>	

Effect of rTMS combined with relaxation training on sleep latency in patients with depression and insomnia	743
<i>Zou Na, Bing Yajuan, Han Ying, Wu Xiuyan</i>	
Correlation between high-risk HPV infection and immunological function, vaginal microbiome in infertile patients and its impact on fresh cycle assisted reproductive outcomes	748
<i>Zhu Peiyu</i>	
Role of systemic inflammatory markers in the clinical evaluation of heart failure with improved ejection fraction and construction of a predictive model	753
<i>Liu Zhaojun, Hu Tieyi</i>	
Diagnostic and differential diagnostic value of EUS-FNA in solid pseudopapillary tumors of pancreas	761
<i>Wang Wei, Zhao Li, Zhu Liqiang, Ding Shuang</i>	
Study on correlation between sleep apnea parameters and blood lipids and carotid artery plaques in hypertensive population	767
<i>Wu Xiaolei, Lu Dasheng, Yang Lingfei</i>	
Research progress on self-management in patients with liver cirrhosis complicated by upper gastrointestinal bleeding	774
<i>Liang Jun, Liu Huaqing, Ran Shujie, Zhang Yue, Wang Xiuqing</i>	
Research progress of in vitro models for root canal irrigation	779
<i>Ye Jing, Xu Qian, Sun Xiaoxi, Ma Ben</i>	
Application of PBL teaching with “case discussion+simulated surgery” in the internship of hepatobiliary surgery	785
<i>Guo Junwu, Lu Jiongiong</i>	
Application effect of the construction of the practical teaching case database for anesthesiology professional degrees in the education quality project (postgraduate education) in the new era	790
<i>Tao Jing, Xi Biao, Yu Ru, Liu Lei, Ling Yunzhi</i>	
Effect of multidisciplinary cooperation-based special nursing team model on rehabilitation process and blood gas analysis of patients with severe pneumonia undergoing invasive mechanical ventilation in emergency ICU	795
<i>Lin Yan, Huang Liling</i>	