

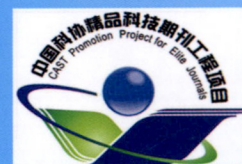
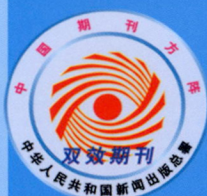
1005-4529  
 QK2306246 11-3436/R  
 CODEN-ZYGZFB

# 中华医院感染学杂志

ZHONGHUA YIYUANGANRANXUE ZAZHI

2023年8月 第33卷 第15期 Aug.2023 Vol.33 No.15

CJHI



CHINESE JOURNAL OF NOSOCOMIOLOGY

中国人民解放军总医院 主管  
 中华预防医学会 主办  
 中国人民解放军总医院

中国精品科技期刊  
 中国百种杰出学术期刊  
 RCCSE 中国权威学术期刊  
 中国科技论文统计源期刊  
 中文核心期刊  
 中国自然科学核心期刊  
 中国医药卫生核心期刊  
 中国学术期刊文摘收录刊

精品科技期刊 TOP 50  
 USA-CA 来源期刊  
 USA-CSA 来源期刊  
 POL-IC 来源期刊  
 JPN-JST 来源期刊  
 UK-CABI 来源期刊  
 USA-Ulrichsweb 来源期刊  
 WHO-WPRIM 来源期刊

ISSN 1005-4529



15

中华预防医学会系列杂志  
 SERIAL JOURNAL OF CHINA PREVENTIVE MEDICINE ASSOCIATION

15  
 2023

万方数据

# 中华医院感染学杂志

ZHONGHUA YIYUANGANRANXUE ZAZHI

半月刊 1991年9月创刊 第33卷 第15期 2023年8月10日出版

## 主 管

中国人民解放军总医院  
100039,北京市复兴路28号

## 主 办

中华预防医学会  
100062,北京市东城区广渠门内大街  
47号楼雍贵中心A座8层  
中国人民解放军总医院  
100039,北京市复兴路28号

## 编 辑

中华医院感染学杂志编辑委员会  
100039,北京市复兴路28号  
电话:(010)66939464  
E-mail:zhyygrxzz@163.com  
投稿 E-mail:zhyy6688@163.com

## 编辑委员会主任委员

陈景元

## 主 编

刘运喜

## 编辑部主任

索继江

## 出 版

中华医院感染学杂志社  
100039,北京市复兴路28号  
电话:(010)68295439  
网址: <http://zhyy.cbpt.cnki.net>

## 印 刷

东港股份有限公司

## 发 行

国内:北京报刊发行局  
国外:中国国际图书贸易总公司  
(北京399信箱,100044)  
代号:1680SM

## 订 购

全国各地邮电局  
邮发代号:82-747

## 邮 购

中华医院感染学杂志社  
100039,北京市复兴路28号  
电话:(010)66939464

## 定 价

每期18元,全年432元

## 中国标准连续出版物号

ISSN 1005-4529  
CN 11-3436/R

2023年版权归中华预防医学会和  
中华医院感染学杂志社所有

本刊刊出的所有文章不代表中华预  
防医学会和本刊编委会的观点,除  
非特别声明

本刊如有印装质量问题,请向本刊  
编辑部调换

## 目 次

### 论 著

#### 内科感染研究

- 脓毒症并发 ARDS 患者血清 miR-98-5p、ESM-1、sTM、VE-Cad  
水平及其与预后的关系 ..... 李南, 钟昌宝, 张娇珍, 等 (2241)
- 脓症患者外周血 miR-122、miR-146a 水平与凝血功能的关系及  
其对预后的预测价值 ..... 姚月平, 姚少峰, 邹晗, 等 (2246)
- 碳青霉烯类耐药肠杆菌科细菌血流感染危险因素及其列线图模  
型的建立 ..... 王雨豪, 邵蔚, 圣玉良, 等 (2251)
- 老年糖尿病合并泌尿系统感染的危险因素及其头孢菌素类药物  
疗效 ..... 王翠嫣, 孙晓泽, 席玉红, 等 (2256)
- 老年慢性阻塞性肺疾病合并下呼吸道细菌感染患者 FeNO、PCT 水  
平与肺功能及 CAT 评分的关联  
..... 张莉, 王书香, 王玲玲, 等 (2261)
- 慢性阻塞性肺疾病患者肺部感染病原菌及血清 miR-124-3p、  
PSGL-1、HPT 的诊断效能 ..... 高青, 王宋平, 林福安, 等 (2266)
- 支气管哮喘合并肺炎支原体感染患者血清致炎细胞因子水  
平及对 TLR4/NF- $\kappa$ B 信号通路的影响  
..... 陈冉, 曹雯雯, 宋争昌, 等 (2271)
- MBL2 基因多态性与老年糖尿病肾病患者肺部感染易感性的关联  
..... 王小捷, 陈燕燕, 李学善, 等 (2276)
- 肺泡灌洗液 TLR4、IGF-1、IL-10 对老年重症肺部感染患者生存状  
况的预测价值 ..... 张学峰, 张君, 李丰环 (2281)
- 感染性心内膜炎病原学与临床特征及其对 TLR2 信号通路相关  
因子表达的影响 ..... 陈小贞, 闫继锋, 闫瑞, 等 (2285)
- CD-40L、IL-17、NLRP3 及 TGF- $\beta$ 1 在脑膜炎感染类型鉴别中的应  
用价值 ..... 王立安, 陈洁, 徐雪芬, 等 (2290)
- RP%、CD64、PCT、SAA、ACTA 对急性白血病患者化疗后感  
染的预测价值 ..... 伍昕玥, 赵沙沙, 范芙蓉, 等 (2295)

糖尿病足患者多药耐药菌感染病原学及其影响因素 ..... 邓飞, 沈亚非, 常红娟 (2300)

## 外科感染研究

颅内感染性动脉瘤病原学及其危险因素 ..... 周鑫宇, 沈延艳, 胡新, 等 (2305)

IL-9 基因多态性与垂体瘤术后继发颅内感染的关联 ..... 吴细凤, 蔡雪华, 王培强, 等 (2310)

重症脑损伤患者并发肺部感染的危险因素及其与 IRF5 基因多态性的关联  
..... 纪飞, 高茜, 王茜, 等 (2315)

高血压脑出血患者血肿清除术后颅内感染的病原菌及危险因素 ..... 孙晓萍, 吴卫江, 郑洁, 等 (2320)

前列腺增生症术后尿路感染病原菌及其耐药性和 CYP1A2 基因多态性  
..... 孙一圣, 张群, 徐立秀, 等 (2325)

血液肿瘤继发肛周脓肿患者 Src 与 VE-cadherin 蛋白表达及危险因素  
..... 胡金莲, 孟耀军, 朱晟, 等 (2329)

感染性角膜炎临床特征与病原菌及其耐药性 ..... 何晓婕, 潘俊如, 王春芳, 等 (2334)

## 妇儿感染研究

宫颈病变组织中 TLRs 信号通路相关基因的表达及与 HPV 感染的关联  
..... 于森, 张春玲, 张琳, 等 (2338)

宫腔粘连合并支原体感染宫颈 TLRs 信号通路及炎症因子水平变化  
..... 林丽慧, 闫志强, 任青, 等 (2343)

生殖道感染对 GDM 孕妇胎盘中 PI3K、AKT、FasL 表达和胎膜早破的影响  
..... 赵方, 肖波, 张远远, 等 (2348)

妊娠期糖尿病尿路感染病原菌及其影响因素 ..... 金男, 杨洪艳, 姜姗姗, 等 (2353)

PCT、IFN- $\gamma$ 、NT-ProBNP 与 D-D 联合评估儿童肺炎预后的价值 ..... 刘丹, 高菲, 张云涵, 等 (2358)

复方福尔可定糖浆联合孟鲁司特钠治疗小儿肺炎支原体感染性咳嗽的效果及安全性  
..... 李琴娣, 陈红霞, 徐展翅 (2363)

儿童急性白血病化疗医院感染病原菌及其与 Fc $\gamma$ R II A 基因多态性的关联  
..... 黄宗宣, 李涛, 盛芬, 等 (2367)

IM 患儿 EBV DNA 载量与外周血 CTL 细胞、TLRs 表达和临床转归的关系  
..... 秦爱华, 白桦, 孙秀丽, 等 (2372)

## 感染管理研究

某三级精神专科医院医院感染与抗菌药物使用现状调查 ..... 王红卫, 张梦伟, 顾梅, 等 (2377)

失效模式与效应分析在外科患者术后肺部多药耐药菌感染防控中的应用效果  
..... 于佳, 张静, 黄艾弥, 等 (2382)

前列腺癌根治术后尿路感染优化护理效果 ..... 王秋男, 曹星星, 吕梦婷, 等 (2387)

消化内镜相关医院感染现状及其影响因素 ..... 张琳, 营建华, 李远菁, 等 (2391)

某三甲医院普外科锐器伤暴露现状及其影响因素 ..... 孙瑞琪, 王玲玲, 黄慧敏, 等 (2396)

责任编辑 薛雪      中文审校 薛雪 杨旭 冯亚莉      英文审校 成富亮 崔生辉

[期刊基本参数]CN11-3436/R\*1991\*s\*16\*160\*zh\*P\*¥18.00\*6000\*33\*2023-8

# CHINESE JOURNAL OF NOSOCOMIOLOGY

Semimonthly

Established in September, 1991

Volume 33 Number 15

August 10, 2023

## Responsible Institution

General Hospital of PLA  
28 Fuxing Road, Beijing 100039, China

## Sponsor

Chinese Preventive Medicine Association  
8th Floor, Yonggui Center A Building, No. 47 Guangqumennei  
Street, Dongcheng District, Beijing 100062, P. R. China.  
General Hospital of PLA  
28 Fuxing Road, Beijing 100039, China

## Editing

Editorial Committee of Chinese  
Journal of Nosocomiology  
28 Fuxing Road Beijing 100039, China  
Tel: 0086-10-66939464  
E-mail: zhyygrxzz@163.com; zhyy6688@163.com

## Chairman of the Editorial Committee

CHEN Jing-yuan(陈景元)

## Editor-in-Chief

LIU Yun-xi(刘运喜)

## Managing Director

SUO Ji-jiang(索继江)

## Publishing

Chinese Journal of Nosocomiology Press  
28 Fuxing Road, Beijing 100039, China  
Tel: 0086-10-68295439  
Web Site: <http://zhyy.cbpt.cnki.net>

## Printing

TUNGKONG INC.

## Overseas Distributor

China International Book Trading  
Corporation  
P.O.Box 399, Beijing 100044, China  
Code No. 1680SM

## Mail-Order

Chinese Journal of Nosocomiology Press  
28 Fuxing Road, Beijing 100039, China  
Tel: 0086-10-66939464

## CSSN

ISSN 1005-4529  
CN 11-3436/R

## CODEN

ZYGZFB

## Copyright© 2023 by the

Chinese Preventive Medicine Association and  
Chinese Journal of Nosocomiology

All articles published represent the opinions of the authors, do not reflect the official policy of the Chinese Preventive Medicine Association or the Editorial Committee unless this is clearly specified.

## CONTENTS IN BRIEF

### Original Articles

#### Internal Medicine-related Infection

##### Serum miR-98-5p, ESM-1, sTM and VE-Cad in sepsis patients with ARDS and their relationship with prognosis

..... LI Nan, ZHONG Chang-bao, ZHANG Jiao-zhen, *et al* (2241)

##### Relationship between levels of miR-122 and miR-146a in peripheral blood and coagulation function in sepsis patients and their predictive value for prognosis

..... YAO Yue-ping, YAO Shao-feng, ZOU Han, *et al* (2246)

##### Risk factors and nomogram model for the bloodstream infection caused by carbapenem-resistant Enterobacteriaceae

..... WANG Yu-hao, SHAO Wei, SHENG Yu-liang, *et al* (2251)

##### Risk factors for urinary system infection in elderly patients with diabetes mellitus and effect of cephalosporins

..... WANG Cui-yan, SUN Xiao-ze, XI Yu-hong, *et al* (2256)

##### Relationship between FeNO, PCT and pulmonary function, CAT score in elderly patients with chronic obstructive pulmonary disease and lower respiratory tract bacterial infection

..... ZHANG Li, WANG Shu-xiang, WANG Ling-ling, *et al* (2261)

##### Distribution of pathogenic bacteria in pulmonary infection and diagnostic efficacy of serum miR-124-3p, PSGL-1 and HPT in patients with chronic obstructive pulmonary disease

..... GAO Qing, WANG Song-ping, LIN Fu-an, *et al* (2266)

##### Serum inflammatory cytokines and their effect on TLR4/NF-κB signaling pathway in patients with bronchial asthma complicated with *Mycoplasma pneumoniae* infection

..... CHEN Ran, CAO Wen-wen, SONG Zheng-chang, *et al* (2271)

##### Relationship between MBL2 gene polymorphism and susceptibility to lung infection in elderly patients with diabetic kidney disease

..... WANG Xiao-jie, CHEN Yan-yan, LI Xue-shan, *et al* (2276)

##### Value of TLR4, IGF-1 and IL-10 in serum and alveolar lavage fluid in predicting survival status in elderly patients with severe pulmonary infection

..... ZHANG Xue-feng, ZHANG Jun, LI Feng-huan (2281)

- Clinical and etiological characteristics of infective endocarditis and effect on expression of TLR2 signaling pathway related factors** ..... CHEN Xiao-zhen, YAN Ji-feng, YAN Rui, *et al* (2285)
- Application value of CD-40L, IL-17, NLRP3 and TGF- $\beta$ 1 in the identification of meningitis infection types** ..... WANG Li-an, CHEN Jie, XU Xue-fen, *et al* (2290)
- Predictive value of RP%, CD64, PCT, SAA and ACTA in post-chemotherapy infection in patients with acute leukemia** ..... WU Xin-yue, ZHAO Sha-sha, FAN Fu-rong, *et al* (2295)
- Etiological characteristics and influencing factors for multidrug-resistant bacteria infection in diabetic foot patients** ..... DENG Fei, SHEN Ya-fei, CHANG Hong-juan (2300)

### **Surgery-related Infection**

- Etiological characteristics and risk factors for intracranial infectious aneurysms** ..... ZHOU Xin-yu, SHEN Yan-yan, HU Xin, *et al* (2305)
- Association of IL-9 gene polymorphism with postoperative intracranial infection in pituitary tumor surgery patients** ..... WU Xi-feng, CAI Xue-hua, WANG Pei-qiang, *et al* (2310)
- Risk factors for pulmonary infection in patients with severe brain injury and association with IRF5 gene polymorphisms** ..... JI Fei, GAO Qian, WANG Qian, *et al* (2315)
- Pathogenic bacteria and risk factors for intracranial infection in patients with hypertensive intracerebral hemorrhage after hematoma removal** ..... SUN Xiao-ping, WU Wei-jiang, ZHENG Jie, *et al* (2320)
- Distribution and drug resistance of pathogens isolated from patients with benign prostatic hyperplasia with postoperative urinary tract infection and CYP1A2 gene polymorphism** ..... SUN Yi-sheng, ZHANG Qun, XU Li-xiu, *et al* (2325)
- Expression of Src and VE-cadherin proteins and risk factors in patients with hematologic tumors secondary to perianal abscess** ..... HU Jin-lian, MENG Yao-jun, ZHU Sheng, *et al* (2329)
- Clinical characteristics of infectious keratitis patients distribution and drug resistance of pathogens** ..... HE Xiao-jie, PAN Jun-ru, WANG Chun-fang, *et al* (2334)

### **Maternal and Child Infection**

- Expression of TLRs signal pathway related genes in cervical lesions and its relationship with HPV infection** ..... YU Miao, ZHANG Chun-ling, ZHANG Lin, *et al* (2338)
- Analysis of changes of cervical TLRs signaling pathways, T lymphocyte subsets and inflammatory factors in patients with intrauterine adhesions complicated with mycoplasma infection** ..... LIN Li-hui, YAN Zhi-qiang, REN Qing, *et al* (2343)
- Effects of reproductive tract infection on PI3K, AKT and FasL expression and premature rupture of membrane in pregnant women with GDM** ..... ZHAO Fang, XIAO Bo, ZHANG Yuan-yuan, *et al* (2348)
- Distribution of pathogens and influencing factors for urinary tract infection in women with gestational diabetes mellitus** ..... JIN Nan, YANG Hong-yan, JIANG Shan-shan, *et al* (2353)
- Value of the combination of PCT, IFN- $\gamma$ , NT-ProBNP and D-D in evaluating the prognosis of severe pneumonia in children** ..... LIU Dan, GAO Fei, ZHANG Yun-han, *et al* (2358)
- Effect and safety of compound pholcodine syrup combined with montelukast sodium in the treatment of pediatric cough caused by *Mycoplasma pneumoniae* infection** ..... LI Qin-di, CHEN Hong-xia, XU Zhan-chi (2363)
- Pathogens isolated from acute leukemia chemotherapy children with nosocomial infection and association with FC $\gamma$  R II A gene polymorphisms** ..... HUANG Zong-xuan, LI Tao, SHENG Fen, *et al* (2367)
- Association of EBV DNA load and peripheral blood with CTL, TLRs and clinical outcomes in IM children** ..... QIN Ai-hua, BAI Hua, SUN Xiu-li, *et al* (2372)

### **Infection Control**

- Prevalence of nosocomial infection and use of antibiotics in a tertiary psychiatric hospital** ..... WANG Hong-wei, ZHANG Meng-wei, GU Mei, *et al* (2377)
- Effect of FMEA on prevention and control of postoperative pulmonary multidrug-resistant organisms infections** ..... YU Jia, ZHANG Jing, HUANG Ai-mi, *et al* (2382)
- Effect of optimized nursing on postoperative urinary tract infection in radical prostatectomy patients** ..... WANG Qiu-nan, CAO Xing-xing, LYU Meng-ting, *et al* (2387)
- Current status and influencing factors for endoscopy-associated infection** ..... ZHANG Lin, YING Jian-hua, LI Yuan-jing, *et al* (2391)
- Current situation and influencing factors for acute exposure to sharp instrument injury in general surgery department of a three-A tertiary hospital** ..... SUN Rui-qi, WANG Ling-ling, HUANG Hui-min, *et al* (2396)

敬  
畏  
生  
命  
—  
救  
死  
扶  
伤



# 中国医师节

CHINESE DOCTOR'S DAY

2017年11月3日,国务院通过了卫计委关于“设立中国医师节”的申请,同意自2018年起,将每年的8月19日设立为“中国医师节”。

中国医师节是经国务院同意设立的卫生与健康工作者的节日,体现了党和国家对1100多万卫生与健康工作者的关怀和肯定。

甘  
于  
奉  
献  
—  
大  
爱  
无  
疆

中国标准连续出版物号：ISSN 1005-4529  
万方数据 CN 11-3436/R

邮发代号：82-747

定价：每期18.00元  
全年24期432元