



Q K 2 1 0 0 1 3 7

ISSN 1006-3110
CN 43-1223/R

实用预防医学

SHIYONG YUFANG YIXUE

2021年2月 第28卷 第2期 Feb. 2021 Vol.28 No.2

国家卫生健康委员会主管
中华预防医学会 主办
湖南省预防医学会

PPM

PRACTICAL
PREVENTIVE MEDICINE

中国科技核心期刊
RCCSE 中国核心学术期刊
中文科技期刊数据库源期刊
中华预防医学会系列杂志优秀期刊
中文生物医学期刊文献数据库源期刊
中国学术期刊综合评价数据库源期刊
美国化学文摘 (CA) 及数据库源期刊
中国核心期刊 (遴选) 数据库收录期刊
万方数据资源系统数字化期刊群源期刊



ISSN 1006-3110



02>

9 771006 311216

万方数据

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

2

2021

实用预防医学

SHIYONG YUFANG YIXUE

月刊 1994年3月创刊 第28卷 第2期 2021年2月15日出版

目次

主 管

国家卫生健康委员会

100044,北京市西城区西直门外南路1号

主 办

中华预防医学会

100021,北京市朝阳区华威里25号

湖南省预防医学会

410005,长沙市芙蓉中路一段450号

主 编

李俊华

编辑部主任

彭进平

编 辑

《实用预防医学》杂志编辑委员会

410005,长沙市芙蓉中路一段450号

电话:0731-84305942

传真:0731-84305941

E-mail:zhppm@vip.163.com

网址:http://www.syyfyx.com

出 版

《实用预防医学》编辑部

印 刷

湖南雅嘉彩色印刷有限公司

发 行

国内:中国邮政集团有限公司湖南省分公司

国外:中国国际图书贸易总公司

代号:M3817

订 购

全国各地邮局 邮发代号42-129

邮 购

《实用预防医学》编辑部

410005,长沙市芙蓉中路一段450号

定 价

每期10元,全年120元

中国标准连续出版物号

ISSN 1006-3110

CN 43-1223/R

广告经营许可证

湘市监广登字[2019]第12号

2021年版权归中华预防医学会所有

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

专题报道—新型冠状病毒肺炎

- 新型冠状病毒肺炎潜伏期分析 叶莹,范威,王文华,李军,王海峰,潘静静,黄学勇 (129)
- 重型危重型新型冠状病毒肺炎危险因素分析 袁雪峰,范小艳,任南 (132)
- 珠海市一起新型冠状病毒肺炎聚集性疫情流行病学调查 萧松建,杨仁东,陈丹丹,尹锡玲,姚刚,张雪宝,林新天,阮峰,梅文华 (135)
- 湘潭市5起新型冠状病毒肺炎聚集性疫情调查分析 吕倩,粟晓玲,文中兰,吴威,王继杰 (139)
- 新型冠状病毒感染者核酸和抗体检测结果分析 杨青廷,刘敏,杨纲,刘建军,朱攀,申鸽,梁琦,龙思旋,杨雪艳,周丹,戴苗,吴锦如 (143)
- 聊城市5起新型冠状病毒肺炎聚集性疫情流行病学分析 刘婷婷,周璞,徐可心,张金忠,刘莉,韩德彪,崔瑾,张蕾 (147)
- 新型冠状病毒肺炎出院患者核酸复检阳性分析 刘利容,许世禄,李红星,余瑞芳 (150)
- 两种风险评估方法在 COVID-19 疫情研判中的应用 田克卿,刘天,蔺茂文,江鸿,曾旻敏,姚梦雷,黄继贵 (153)

论 著

- 丝裂霉素 C 对黑腹果蝇寿命及生育与运动能力的影响 曹旭琴,王五洲,马云,肖方竹,漆辉洲,刘波,郭思思,何淑雅 (157)
- 新型冠状病毒肺炎疫情期间一线医务人员认知行为及心理卫生调查 徐薇薇,许小明,钟际香,张文娟,侯幸岳,王小丽 (161)
- 人 Nrf2 蛋白的结构与功能分析 刘远凤,赵冬婷,封少龙 (166)
- 社区老年人血尿酸水平与其他代谢指标的相关性分析 龙静铨,孙雯,梁艺瑾,梁杏欢,梁友芳 (171)
- 基于欧洲五维健康量表的深圳市中老年社区居民生命质量现状及影响因素研究 王玲,图尔荪江·亚森,陈伟文,何志明,黄楚怡,阿丽努尔·阿布力米提,李蕾,张乃琪,罗红,冯小丽,张彩霞,吴能简 (175)
- 儿童社会性与母亲养育效能对“二孩”接纳的影响分析 杨少萌,岳红,聂莉莉,吴若瑶,王帮璇,元永艇,姚荣英 (180)

本期责任编辑:彭瑾瑜 编辑:彭进平 王世清 龙玲 柳叶 刘艳艳 史娟 英文编辑:易子又

2017—2019 年广西城市供水水质总硬度监测结果分析	
..... 韦日荣,唐振柱,黄江平,黎勇,黄林,梁林涵,许露曦,黄春光,钟格梅 (185)	
北京市房山区 2019 年中小学生尝试吸烟状况及影响因素分析	孟毅,付晓博,李爱军,贾艳阳 (189)
湖南省孕产妇亲密伴侣暴力发生及影响因素研究	曾智,刘理颖,柳祎,曾秀,游一平,刘俊 (195)
PAPP-A、NT 值及 β -HCG 检测在胎儿染色体遗传疾病中诊断效能研究	刘佳,张方芳,杨照静 (199)

调查研究

洛阳市老年人群盲与中、重度视力损伤患病率及影响因素分析	李林,张佩玉 (203)
同量综合弱视治疗学龄前儿童屈光不正性弱视效果观察	陈爱菊,郑玥,张芳芳 (206)
咸宁市绝经后女性 T2DM 患者并发骨质疏松的影响因素分析	陈冠亚,王向立 (209)
2014—2018 年浙江省丽水市肺癌发病和死亡趋势分析	杜冬明,刘晓红,杨延平,尤丹 (212)
ICU 机械通气患者呼吸机相关性肺炎血清 IL-6、IL-8、PSP 水平变化及发病危险因素分析	
..... 王鑫姝,付艳,王洪波 (216)	
2011—2019 年连云港市水痘突发公共卫生事件流行特征分析	张嘉陵,谷利妞,潘佑记 (219)
2016—2018 年鞍山市艾滋病自愿咨询检测结果分析	赵文彬,苏秋菊,尹晔,郑冰 (222)
血清 HCY、APN、chemerin 在妊娠期糖尿病中的表达及与围生儿结局的关系	王静,王立媛,王妍 (225)
2019 年吉林省医疗机构法定传染病报告质量调查分析	栾博,赵庆龙,沈博,卢欣荣,张洋,吕波 (229)
衡阳市中小学校教室内 CO ₂ 浓度状况调查分析	
..... 周亚丽,邓志红,孙倩莱,罗强,李桀,黄钢桥,胡世雄 (232)	

实验研究与卫生检验

新型冠状病毒实验室检测风险识别及风险控制	姚栋,欧新华,陈静芳,李灵之,肖姗,徐明忠 (235)
----------------------------	-----------------------------

卫生管理

疾控机构利用微信公众号和官网开展风险沟通的探讨—基于“长春长生”疫苗事件	
..... 马晓薇,刘维斯,张林,王志伟,肖新才 (240)	
普通病房住院患者新型冠状病毒肺炎防控策略	童德军,柳恒卓,胡秋莲 (243)
影响高血压和 2 型糖尿病患者健康管理的基层卫生人力因素研究	冯江星,林燕铭,李龙,吴明 (246)
新型冠状病毒肺炎流行期间公共交通工具的消毒与个人防护	戴俊斌,宋江南,尹进,高琼,陈贵秋 (250)

综 述

营养干预对妊娠糖尿病患者血糖控制的研究进展	徐喆,王建 (253)
-----------------------------	-------------

[Serial parameters] CN43-1223/R * 1994 * m * A4 * 128 * zh * P * ¥ 10.00 * 2 500 * 34 * 2021-02

PRACTICAL PREVENTIVE MEDICINE

Monthly

Started in March 1994

Volume 28, Number 2

Feb. 15, 2021

Responsible Institution

National Health Commission of the
People's Republic of China
100044, No. 1, Xizhimen Outer
South Road, Xicheng District,
Beijing, China

Sponsor

Chinese Preventive Medicine
Association
100021, No. 25, Haweili
Community, Panjiayuan Street,
Chaoyang District, Beijing,
China
Hunan Preventive Medicine
Association
410005, No. 450, 1st Section of
Furong Middle Road, Changsha,
Hunan, China

Editing

Editorial Board of Practical
Preventive Medicine

Editor-in-chief

LI Jun-hua

Managing Director

PENG Jin-ping

Publishing

Editorial Office of Practical
Preventive Medicine

Address

No.450, Section 1, Furong Middle
Road, Changsha, Hunan, China
410005
Tel: 0731-84305942
Fax: 0731-84305941
E-mail: zhppm@vip.163.com
<http://www.syyfyx.com>

Advertisement Certificate

Administration for Market Regulation of
Hunan Province
Advertising Publication No. [2019] 12

Printing

Changsha Yajia Colorful Printing
Co., Ltd.

Overseas Distributor

China International Book and
Trading Corporation
Code No. M3817

Subscription

Post and Telecommunication
Office in China
Issue Number 42-129

Price

RMB ¥ 120.00/year

CSSN

ISSN 1006-3110
CN 43-1223/R

CONTENTS IN BRIEF

Special Reports: Coronavirus Disease 2019 (COVID-19)

- Incubation period of COVID-19**
..... YE Ying, FAN Wei, WANG Wen-hua, LI Jun, WANG Hai-feng,
PAN Jing-jing, HUANG Xue-yong (129)
- Risk factors for severe and critical COVID-19**
..... YUAN Xue-feng, FAN Xiao-yan, REN Nan (132)
- Epidemiological investigation on a cluster epidemic of COVID-19 in Zhuhai City**
..... XIAO Song-jian, YANG Ren-dong, CHEN Dan-dan, YIN Xi-ling, YAO Gang,
ZHANG Xue-bao, LIN Xin-tian, RUAN Feng, MEI Wen-hua (135)
- Investigation and analysis on 5 cluster outbreaks of COVID-19 in Xiangtan City**
..... LYU Qian, SU Xiao-ling, WEN Zhong-lan, WU Wei, WANG Ji-jie (139)
- Results of 2019-nCoV nucleic acid and antibody detection in patients with COVID-19** ...
..... YANG Qing-ting, LIU Min, YANG Gang, LIU Jian-jun, ZHU Pan, SHEN Ge, LIANG Qi,
LONG Si-xuan, YANG Xue-yan, ZHOU Dan, DAI Miao, WU Jin-ru (143)
- Epidemiological analysis on 5 clustering outbreaks of COVID-19 in Liaocheng City**
..... LIU Ting-ting, ZHOU Pu, XU Ke-xin, ZHANG Jin-zhong, LIU Li,
HAN De-biao, CUI Cui, ZHANG Lei (147)
- Analysis of the positive for nucleic acid retesting in discharged COVID-19 patients**
..... LIU Li-rong, XU Shi-lu, LI Hong-xing, YU Rui-fang (150)
- Application of two risk assessment methods to evaluating COVID-19 epidemic situation** ...
..... TIAN Ke-qing, LIU Tian, LIN Mao-wen, JIANG Hong,
ZENG Min-min, YAO Meng-lei, HUANG Ji-gui (153)

Original Articles

- Effects of mitomycin C on life span, fertility and motor ability of *Drosophila melanogaster***
..... CAO Xu-qin, WANG Wu-zhou, MA Yun, XIAO Fang-zhu, QI Hui-zhou,
LIU Bo, GUO Si-si, HE Shu-ya (157)
- Survey on cognitive behavior and mental health of medical professionals at the front line during COVID-19 epidemic**
..... XU Wei-wei, XU Xiao-ming, ZHONG Ji-xiang, ZHANG Wen-juan,
HOU Xing-yue, WANG Xiao-li (161)
- Structural and functional analysis of human Nrf2 protein**
..... LIU Yuan-feng, ZHAO Dong-ting, FENG Shao-long (166)
- Correlation between serum uric acid level and other metabolic indicators in the community elderly**
..... LONG Jing-hua, SUN Wen, LIANG Yi-ying, LIANG Xing-huan, LIANG You-fang (171)
- Current status of quality of life and its influencing factors among community-dwelling middle-aged and elderly residents in Shenzhen City based on EQ-5D scales**
..... WANG Ling, TUERSUNJIANG Yasen, CHEN Wei-wen, HE Zhi-ming, HUANG Chu-yi,
ALINUER Abulimiti, LI Lei, ZHANG Nai-qi, LUO Hong, FENG Xiao-li,
ZHANG Cai-xia, WU Neng-jian (175)
- Influence of children's sociality and maternal parenting efficiency on the acceptance of second-born children**

..... YANG Shao-meng, YUE Hong, NIE Li-li, WU Ruo-yao, WANG Bang-xuan, YUAN Yong-ting, YAO Rong-ying (180)

Surveillance results of total hardness of municipal water supply in Guangxi, 2017–2019 WEI Ri-rong, TANG Zhen-zhu, HUANG Jiang-ping, LI Yong, HUANG Lin, LIANG Lin-han, XU Lu-xi, HUANG Chun-guang, ZHONG Ge-mei (185)

Status of smoking attempt and its influencing factors among primary and middle school students in Fangshan District, Beijing, 2019 MENG Yi, FU Xiao-bo, LI Ai-jun, JIA Yan-Yang (189)

Occurrence and influencing factors of intimate partner violence amongst pregnant and lying-in women in Hunan Province ... ZENG Zhi, LIU Li-ying, LIU Yi, ZENG Xiu, YOU Yi-ping, LIU Jun (195)

Diagnostic efficacy of PAPP-A, NT value and β-HCG detection for fetal chromosomal and genetic disorders LIU Jia, ZHANG Fang-fang, YANG Zhao-jing (199)

Investigation

Prevalence rates of blindness and moderate and severe visual impairment and their influencing factors among the elderly in Luoyang City LI Lin, ZHANG Pei-yu (203)

Efficacy of same amount comprehensive amblyopia treatment in preschoolers with ametropic amblyopia CHEN Ai-ju, ZHENG Yue, ZHANG Fang-fang (206)

Factors influencing osteoporosis in postmenopausal women with type 2 diabetes mellitus in Xianning City CHEN Guan-ya, WANG Xiang-li (209)

Incidence rate of lung cancer and its death trend in Lishui City, Zhejiang Province, 2014–2018 DU Dong-ming, LIU Xiao-hong, YANG Yan-ping, YOU Dan (212)

Changes of serum IL-6, IL-8 and PSP levels in ICU mechanical ventilation patients with ventilator-associated pneumonia and risk factors for ventilator-associated pneumonia WANG Xin-shu, FU Yan, WANG Hong-bo (216)

Epidemic characteristics of varicella epidemic-related public health emergencies in Lianyungang City, 2011–2019 ZHANG Jia-ling, GU Li-niu, PAN You-ji (219)

Results of HIV voluntary counseling and testing in Anshan City, 2016–2018 ZHAO Wen-bin, SU Qiu-ju, YIN Ye, ZHENG Bing (222)

Expression of serum HCY, APN and chemerin in gestational diabetes mellitus and their relationships with perinatal outcome WANG Jing, WANG Li-yuan, WANG Yan (225)

Reporting quality of notifiable communicable diseases in medical institutions in Jilin Province, 2019 LUAN Bo, ZHAO Qing-long, SHEN Bo, LU Xin-rong, ZHANG Yang, LYU Bo (229)

CO₂ concentration in classrooms of primary and middle schools in Hengyang City ZHOU Ya-li, DENG Zhi-hong, SUN Qian-lai, LUO Qiang, LI Jie, HUANG Gang-qiao, HU Shi-xiong (232)

Laboratory Research and Hygienic Examination

Risk identification and management of laboratory testing for 2019–nCoV YAO Dong, OU Xin-hua, CHEN Jing-fang, LI Ling-zhi, XIAO Shan, XU Ming-zhong (235)

Health Management

Application of official WeChat and website to conducting risk communication by CDCs—based on the Changchun Changsheng vaccine scandal MA Xiao-wei, LIU Wei-si, ZHANG Lin, WANG Zhi-wei, XIAO Xin-cai (240)

Prevention and control strategy of COVID-19 for inpatients in general wards TONG De-jun, LIU Heng-zhuo, HU Qiu-lian (243)

Primary health manpower factors influencing health management of patients with hypertension and type 2 diabetes mellitus FENG Jiang-xing, LIN Yan-ming, LI Long, WU Ming (246)

Disinfection of public vehicles and individual protection during the COVID-19 epidemic DAI Jun-bin, SONG Jiang-nan, YIN Jin, GAO Qiong, CHEN Gui-qiu (250)

Review

Research progress of nutritional intervention on blood glucose control in patients with gestational diabetes mellitus XU Zhe, WANG Jian (253)

[Serial parameters] CN43-1223/R * 1994 * m * A4 * 128 * zh * P * ¥ 10.00 * 2 500 * 34 * 2021-02

湖南省胸科医院

医院诊疗科目：预防保健科（健康体检）/ 内科；呼吸内科专业 / 外科；普通外科专业；骨科专业；胸外科专业 / 儿科 / 传染科；呼吸道传染病专业 / 结核病科 / 肿瘤科 / 急诊医学科 / 职业病科；尘肺专业 / 麻醉科 / 疼痛科（门诊）/ 医学检验科；临床体液、血液专业；临床微生物学专业；临床化学检验专业；临床免疫、血清学专业；临床细胞分子遗传学专业 / 病理科 / 医学影像科；x 线诊断专业；CT 诊断专业；超声诊断专业；心电诊断专业 / 中西医结合科 ***

联系电话：0731-88867680（医务部）

0731-88867651（门诊部）

