



半月刊

ISSN 1006-5725

CN 44-1193/R

The Journal of Practical Medicine

实用医学杂志®

SHIYONG YIXUE ZAZHI



实用医学杂志[®]

THE JOURNAL OF PRACTICAL MEDICINE

半月刊 1972年创刊 第37卷 第24期 2021年12月25日出版



杂志微信



杂志官网

主管

广东省卫生健康委员会

主办

广东省医学学术交流中心
(广东省医学情报研究所)

编辑

《实用医学杂志》编辑部
510180, 广州市越秀区惠福西路
进步里2号之6
电话: 020-81866302, 81840509
81872080, 81922330
传真: 020-81866302
E-mail: syyxzz@syyxzz.com

名誉顾问

钟南山(院士)
曾益新(院士)
钟世镇(院士)
侯凡凡(院士)

主编

苏焕群

编辑部主任 常务副主编

吴淑金

出版

《实用医学杂志》编辑部

网上投稿及查询

<http://www.syyxzz.com>

广告经营许可证

粤工商文字4400004000575号

印刷

天意有福科技股份有限公司

发行

国内: 中国邮政集团公司广东省
省报刊发行局
国外: 中国国际图书贸易集团
有限公司
(北京399信箱, 100044)
代号 M6265

发行范围

国内外公开发行

订购

全国各地邮电局(所)
邮发代号: 46-44

定价

每期10.00元, 全年240.00元

中国标准连续出版物号

ISSN 1006-5725
CN 44-1193/R

国际期刊 CODEN 编码

CODEN: SYZAFM

本刊法律顾问

国信联合律师事务所
陈默律师 韩宇烈律师

目次

(2021年卷终)

新型冠状病毒肺炎专栏

重型及危重型新型冠状病毒肺炎合并糖尿病患者的
临床特征及疾病转归

..... 王德平, 孙毓晗, 王信, 栾双宇, 郭长秀(3097)

临床新进展

新型抗肿瘤药物对甲状腺功能影响的研究进展

..... 吕林林, 陈庆松, 董得时(3101)

复杂高危冠脉病变患者介入治疗现状及进展

..... 马贵洲, 徐荣和, 蔡志雄, 余丹青(3107)

基础研究

miR-30b在低氧环境中调控兔骨髓间充质干细胞成软骨分化

..... 汪仡骁, 吴恒鹏, 万雪, 陈方, 石超, 瓦庆德(3113)

桦木酸在缺氧条件下对PC-3细胞干性、侵袭、迁移、黏附及

HIF-1 α 表达的影响

..... 谢尚廷, 黄帅, 王斌, 林卓远, 钟少文, 梁宝霞(3119)

基于瞬时受体电位香草酸1通道探讨电针治疗骶上脊髓损伤后

神经源性膀胱大鼠的作用机制

..... 郭宁, 秦合伟, 李彦杰, 牛丽, 牛雨晴, 宋雪梅, 刘昊源(3126)

内质网应激蛋白GRP78在脑出血后星形胶质细胞炎性活化中的

作用及机制

..... 张春阳, 郭振委, 何效兵, 周芯羽(3132)

LncRNA SNHG14/miR-148a-3p/PODXL轴在瘢痕疙瘩

形成过程中的分子机制

..... 李嫚, 温晓东, 张立燕, 刘军(3137)

临床研究

慢性乙型肝炎病毒感染者不同疾病时期及Peg-干扰素抗病毒

治疗前后T细胞及其亚群CD107a的变化

..... 顾琳, 黄泽旋, 李静, 黄月华, 顾玉荣(3143)

CD4⁺T细胞计数及单核细胞人类白细胞抗原-DR

表达率在预测老年脓毒症患者预后中的价值

..... 伍松柏, 何峻(3148)

开放性滑膜切除或全髋关节置换治疗髋关节色素沉着绒毛结节性滑膜炎的临床疗效
..... 赖启忠,林天烨,杨鹏,熊冰朗,邹启昭,蔡开沈,张庆文(3153)

静脉应用选择性非甾体类抗炎药预防经内镜逆行胰胆管造影术联合乳头括约肌切开术
术后急性胰腺炎的疗效
..... 宛星宇,毛屏,范中宝,柳青峰(3158)

miR-744-5p 和 miR-543 在 HIV 相关神经认知障碍患者外周血单个核细胞中的表达及临床意义
..... 桂林,何文林,黄远帅,田刚(3163)

改良同步化 G 显带及染色体微阵列分析在脐血产前诊断中的应用
..... 邓国生,何才通,赖玉青,陈晓,潘金姐(3168)

TNF- α 、NLRP3、CRP/ALB 与老年碳青霉烯类耐药肺炎克雷伯菌感染病情程度的关系及
对预后的影响
..... 刘欣,曹雯雯,白冰(3174)

纵横比大于 1 乳腺肿块的 X 线再评估及临床、超声特征分析
..... 韩文,李卫民,吴晓明,王亮亮,凌莉(3179)

Acotec 药物涂层球囊治疗下肢动脉硬化闭塞症的临床效果
..... 崔凤强,陈江浩,王辉,石文龙,李彦杰,韩增辉,余婧,王岭,凌瑞(3184)

药物与临床

激光联合聚多卡醇泡沫硬化剂治疗静脉畸形的疗效
..... 张一飞,宋燕,苗仁英,王彦军,付一群,郎玉昶,刘万里,齐超然,张志敏(3188)

拉莫三嗪早期联合硝基安定治疗儿童失神癫痫的临床效果
..... 林海生,戴津,程冰梅,江慧敏,肖华,王秀英,李嘉玲,陈文雄(3193)

医学检查与临床诊断

骨转换标志物及其与总前列腺特异抗原、白细胞介素-6 构建的预测模型在
前列腺癌骨转移中的研究
..... 周林,王正芳,俞俊杰,吴银霞,韩崇旭,王广洲(3197)

玻璃化冷冻和程序化冷冻人卵巢组织的效果
..... 刘艳丽,申峻涵,杜姗姗,刘景,申春艳,肖小帅,管一春(3202)

中医药现代化

多间隙肛周脓肿等压引流联合五黄生肌汤创腔冲洗疗效观察:倾向评分匹配法
..... 徐兆宇,鄧重阳(3208)

综述

miR-29c 在神经系统的病理生理研究进展
..... 鲁莹,李勃,谢晔,万琪,曾俊伟(3213)

新型抑酸药物伏诺拉生在幽门螺杆菌治疗中的应用进展
..... 张苑,朱晏,刘治恺,谢玥,王新颖(3218)

临床经验

自制经鼻通气装置应用于小儿全身麻醉诱导中的通气效果
..... 占文强,倪欢欢,赵龙德(3223)

本期责任编辑 王舒仪

THE JOURNAL OF PRACTICAL MEDICINE

Semimonthly Established in 1972 Volume 37 Number 24, December 25, 2021

Responsible Institution

Health Commission of Guangdong
Province

Sponsor

Medical Academic Exchange Center
of Guangdong (Guangdong Institute
of Medical Information)

Editing

Editorial Board of the Journal of
Practical Medicine
Address: 6/2 Jinbuli, Huifu Xilu,
Guangzhou 510180, China
Fax: 0086-20-81866302
Tel: 0086-20-81866302, 81840509
81872080, 81922330
E-mail: syxzz@syxzz.com
http://www.syxzz.com

Honorary Advisors

ZHONG Nanshan (钟南山)
ZENG Yixin (曾益新)
ZHONG Shizhen (钟世镇)
HOU Fanfan (侯凡凡)

Editor-in-Chief

SU Huanqun (苏焕群)

Director of Editorial Board

Executive Deputy Editor-in-Chief

WU Shujin (吴淑金)

Publishing

Editorial Board of the Journal of
Practical Medicine
Address: 6/2 Jinbuli, Huifu Xilu,
Guangzhou 510180, China

Printing

TianYi Yofus Technology Co., Ltd

Distribution

Domestic: Guangdong Province Post
Office, China Post Group
Overseas: China International Book
Trading Corporation,
P.O.Box. 399, Beijing
100044, China
Code No. M6265

Subscription

Local Post Office, PRC
Mail-order code 46-44

CSSN ISSN 1006-5725
CN 44-1193/R

CODEN: SYZAFM

Main Contents

Coronavirus (COVID-19)

Clinical features and outcomes of diabetic patients complicate with
severe and critical COVID-19
..... WANG Deping, SUN Yuhan, WANG Xin,
LUAN Shuangyu, GUO Changxiu (3097)

Clinical Advances

Progress on the effect of novel drugs on thyroid function
..... LÜ Linlin, CHEN Qingsong, DONG Deshi (3101)
Percutaneous coronary intervention in the treatment of patients with
complex, high-risk coronary artery disease
..... MA Guizhou, XU Ronghe, CAI Zhixiong, YU Danqing (3107)

Basic Research

Regulation of miR-30b in chondrogenic differentiation of rabbit
bone marrow mesenchymal stem cells under hypoxic circumstances
..... WANG Yixiao, WU Hengpeng, WAN Xue,
CHEN Fang, SHI Chao, WA Qingde (3113)

Effects of Betulinic acid on stemness, invasion, migration,
adhesion and HIF-1 α expression in PC-3 cells under hypoxia
..... XIE Shangyan, HUANG Shuai, WANG Bin,
LIN Zhuoyuan, ZHONG Shaowen, LIANG Baoxia (3119)

Mechanism of electroacupuncture for neurogenic bladder in
suprasacral spinal cord injury rats through TRPV1 channel
..... GUO Ning, QIN Hewei, LI Yanjie, NIU Li,
NIU Yuqing, SONG Xuemei, LIU Haoyuan (3126)

Role and mechanism of endoplasmic reticulum stress protein GRP78 in
inflammatory activation of astrocytes after intracerebral hemorrhage
..... ZHANG Chunyang, GUO Zhenwei, HE Xiaobing,
ZHOU Xinyu (3132)

Molecular mechanism of LncRNA SNHG14/miR-148a-3p/PODXL axis
in process of keloid formation
..... LI Man, WEN Xiaodong, ZHANG Liyan, LIU Jun (3137)

Clinical Research

Role of CD107a produced by T cells and their subsets in liver injury and
antiviral therapy with Peg-interferon in chronic HBV infection
..... GU Lin, HUANG Zexuan, LI Jing,
HUANG Yuehua, GU Yurong (3143)

Predictive value of CD4⁺T cell count and expression rate of
monocyte HLA-DR in prognosis of elderly patients with sepsis
..... WU Songbai, HE Jun (3148)

- A clinical observation on open synovectomy or total hip arthroplasty for pigmented villonodular synovitis of the hip
 LAI Qizhong, LIN Tianye, YANG Peng, XIONG Binglang, ZOU Qizhao, CAI Kaishen, ZHANG Qingwen(3153)
- The efficacy of intravenous application of selective non-steroidal anti-inflammatory drugs for preventing post-ERCP pancreatitis after endoscopic retrograde cholangiopancreatography combined with endoscopic sphincterotomy
 WAN Xingyu, MAO Ping, FAN Zhongbao, LIU Qingfeng(3158)
- Expression analysis and clinical significance of miR-744-5p and miR-543 in peripheral blood mononuclear cells in patients with HIV-related neurocognitive impairment
 GUI Lin, HE Wenlin, HUANG Yuanshuai, TIAN Gang(3163)
- Value of improved synchronized G-banding and chromosomal microarray analysis in prenatal diagnosis of umbilical cord blood
 DENG Guosheng, HE Caitong, LAI Yuqing, CHEN Xiao, PAN Jinjie(3168)
- Association of TNF- α , NLRP3, CRP/ALB with the severity of carbapenem-resistant *Klebsiella pneumoniae* infection in the elderly and their influence on prognosis
 LIU Xin, CAO Wenwen, BAI Bing(3174)
- The X-ray reevaluation and clinical and ultrasonic characteristics for breast lesions with depth-width ratio great than 1 in ultrasound
 HAN Wen, LI Weimin, WU Xiaoming, WANG Liangliang, LING Li(3179)
- Efficacy of Acotec drug-coated balloon for arteriosclerosis obliterans disease
 CUI Fengqiang, CHEN Jianghao, WANG Hui, SHI Wenlong, LI Yanjie, HAN Zenghui, YU Jing, WANG Ling, LING Rui(3184)

Drugs and Clinic Practice

- The efficacy of laser combined with polidocanol foam sclerotherapy for venous malformations
 ZHANG Yifei, SONG Yan, MIAO Renyong, WANG Yanjun, FU Yiqun, LANG Yuchang, LIU Wanli, QI Chaoran, ZHANG Zhimin(3188)
- Clinical effect of early add-on nitrodiazepam to lamotrigine on absence epilepsy in children
 LIN Haisheng, DAI Jin, CHENG Bingmei, JIANG Huimin, XIAO Hua, WANG Xiuying, LI Jialing, CHEN Wenxiong(3193)

Medical Examination and Clinical Diagnosis

- Clinical study of bone turnover markers and prediction model constructed by bone turnover markers, IL-6, and tPSA in prostate cancer bone metastasis
 ZHOU Lin, WANG Zhengfang, YU Junjie, WU Yinxia, HAN Chongxu, WANG Guangzhou(3197)
- Effects of vitrification and programmed freezing on human ovarian tissue
 LIU Yanli, SHEN Junhan, DU Shanshan, LIU Jing, SEHN Chunyan, XIAO Xiaoshuai, GUAN Yichun(3202)

Modernization of Traditional Chinese Medicine

- Efficacy of Traditional Chinese Medicine in the Treatment of Perianal Abscess Combined with the Constant Pressure Drainage by Propensity Score Matching
 XU Zhaoyu, ZHI Chongyang(3208)

Reviews

- Research advance in pathophysiology of miR-29c in nervous system
 LU Ying, LI Bo, XIE Ye, WAN Qi, ZENG Junwei(3213)
- Application progress of a new acid inhibitor—Vonoprazan in the treatment of *Helicobacter pylori*
 ZHANG Yuan, ZHU Yan, LIU Zhikai, XIE Yue, WANG Xinying(3218)