

CHINA PHARMACEUTICALS

ISSN 1006 - 4931

CN 50 - 1054/R



中国药业

ZHONGGUO YAOYE

2021年 第30卷 第21期

2021.Vol.30 No.21

半月刊

- ◆ 中国科技核心期刊
- ◆ 中国科技论文统计源期刊
- ◆ RCCSE中国核心学术期刊
- ◆ 《国家科技学术期刊开放平台》收录期刊
- ◆ 《中国学术期刊影响因子年报》统计源期刊
- ◆ CNKI 中国期刊全文数据库收录期刊
- ◆ 中文科技期刊数据库 (VIP) 收录期刊
- ◆ 美国《化学文摘》(CA) 来源期刊
- ◆ 美国《乌利希期刊指南》(UPD) 收录期刊
- ◆ 日本科学技术振兴机构数据库 (JST) 收录期刊

ISSN 1006-4931



9 771006 493219

国家药品监督管理局 主管



半月刊

1992 年 1 月创刊

2021 年 11 月 第 30 卷 第 21 期

(总第 544 期)

2021 年 11 月 5 日出版

中国药业

ZHONGGUO YAOYE

CHINA PHARMACEUTICALS

目次

● 药业专论

沪苏浙生物医药产业创新发展政府奖补政策比较 王月强, 林海, 胡晓静, 陈志洪, 宋捷(1)

● 药事管理

新冠肺炎疫情下基于实时信息更新的药品托管优化流程用于血液透析患者用药服务实践

..... 刘晓羽, 千润, 黄金路, 杨全军, 张剑萍, 狄建忠, 郭澄, 章萍(5)

“4+7”带量采购政策对某院抗血小板药物合理使用的影响分析 王一, 王庆, 宿美林, 戚蕾, 杨璐(8)

我院近期药师规范化培训基地建设成果及培训效果探讨 王治丹, 秦舟, 徐珽, 苏娜(12)

某院 120 例生化药品不良反应报告分析 白万军, 孙晓利, 赫立恩, 董占军(14)

PDCA 循环法用于黑膏药制剂生产质量管控效果分析 马依林, 张虹(18)

某院心内科住院患者质子泵抑制剂合理用药分析 丁全, 刘宪军, 成华, 张晓兰(20)

我院 1 250 例次用药咨询内容的帕累托图分析 傅新阳, 黄晓威, 吴水发, 蔡艺峰, 林志强(23)

● 药理学

安立生坦杂质 I 的合成 陈加飞, 黄丽华, 李晶(26)

三仁合剂治疗湿热型感冒的潜在物质基础和作用机制研究

..... 曾奇璐, 苏泰安, 贺桢翔, 赵灵丽, 郑荣蕾, 刘涛(29)

抗白细胞介素 6 受体的活性成分虚拟筛选及其核心中药干预新冠肺炎的网络药理学机制探讨

..... 吴坚, 张锡洪, 徐文坚(35)

中药复方止癬乳膏的提取及制备工艺优选 赵莹, 翟明, 李苑华, 张声源, 江中洪(44)

正交试验结合特征图谱法优选蛇蚊喷雾剂渗漉工艺 叶炳皇, 张军(48)

高效液相色谱法同时测定癫痫患儿血清中丙戊酸钠和 2-丙基-4-戊烯酸血药浓度 李赛, 苏凌璿(52)

紫苏叶化学成分研究及抗炎活性初步评价 王宇宁, 樊晖, 梁克利(55)

盐酸芦氟沙星膜剂含量测定及体外透皮效果研究 金伟华, 蒲志强, 陈华, 于波涛, 余志军(59)

● 检验检测

反相高效液相色谱法同时测定鼻咽清颗粒中龙胆苦苷、迷迭香酸和蒙花苷含量

..... 张丽娟, 蓝献泉, 郑锦坤, 阙伟祺, 李庆德, 朱燕(62)

原子吸收分光光度法测定考核盲样中铅含量的测量不确定度评定

..... 杨柳, 武静文, 王道权, 张璞, 李莎, 范能全(66)

长春西汀注射剂细菌内毒素检查法研究 贾首前, 王莉芳, 冯润东, 张丽(69)

高效液相色谱法同时测定茵栀黄制剂中 4 种有效成分含量

..... 张伟, 孙亦钊, 张娟娟, 黄妍妍, 王世林, 陈林, 尹震花(73)

微波消解电感耦合-等离子体发射光谱法同时测定复方氢氧化铝片中铝和镁含量

..... 王董云, 赵慧, 段希英, 吴珺, 李珏(76)

临床研究

胰岛素泵持续强化联合运动疗法对妊娠期糖尿病患者 E/A 和 E/Ea 的影响

..... 彭青,温彦静,李茜,李曼,常美英(79)
强化他汀联合早期静脉溶栓治疗急性脑梗死疗效观察 刘艳峰,吴洁,周涛(82)
骨痹汤熏蒸联合经筋推拿治疗早中期膝关节炎临床研究 李阳,李国丽,张丽曼,张立颖,王菲(85)
鹤膝膏联合双氯芬酸钠缓释片治疗膝关节炎临床研究 高天慈,刘晓星,刘路,左广,杜双庆(89)

药品评价

双黄连注射剂治疗呼吸道感染有效性和安全性 Meta 分析 王冰,冯亚楠,刘欣欣,赵俐(92)
地舒单抗用于绝经后激素受体阳性乳腺癌辅助治疗的系统评价 周俊翔,肖洪涛(98)

药学监护

眼科 I 类切口围术期预防性抗菌药物应用分析 顾云霞,朱华,吴加娣,柏基香(103)
基于药物基因位点检测的华法林、氯吡格雷、阿司匹林用药分析
..... 徐建东,易娟娟,吴婉静,宋海林,陈亚珠,张晓燕,陶晓琰,李国文(106)
新冠疫情期间经皮冠状动脉介入术后患者焦虑和抑郁状况调查 苏金和,刘云娣,吴衡(110)
甲疏咪唑致药物过敏反应综合征 1 例及文献复习 郑春霞,郑晓英,王红梅,单雪峰,邱峰(114)

综述

合并用药对氯氮平血药浓度的影响文献综述 庄红艳,刘珊珊,杜海霞,房萌,朱虹,刘杰,果伟(119)
何首乌和德庆何首乌的考证及发展现状 李皓翔,袁一鸣,梅全喜,黄冉,郑依玲,钱正明,范卫锋(123)
肿瘤靶向药物研究进展 李雁铭,赵志刚(128)

 **中国药业**
ZHONGGUO YAOYE

中国标准连续出版物号 ISSN 1006-4931
CN 50-1054/R

主管单位 国家药品监督管理局
北京市西城区展览路1号,100037
主办单位 重庆市药品监督管理局
重庆市渝北区食品城大道27号,401120
出版单位 中国药业杂志社
重庆市渝中区长江一路61号地产大厦
1号楼19层,400014
印刷单位 重庆市国丰印务有限责任公司
重庆市巴南区金竹工业园区金竹街36号,401320

国内发行 中国邮政集团公司重庆市分公司
重庆市渝中区嘉陵桥西村83号,400015
国外发行 中国国际图书贸易集团有限公司
北京市海淀区车公庄西路35号,100048
邮发代号 国内 78-130 国外 SM 5135
全国各地邮局(所)均可订阅
定价 每册 10.00 元,全年 240 元

广告经营许可证号 (渝中市监)广登字(2020)第 002 号
开户银行 交通银行重庆渝中支行
账号 500102120010149000795

顾问	齐谋甲	樊代明	刘昌孝
主任委员	周隆海		
副主任委员	赵勇	胡欣	王晚波
	高申	蒋学华	邵蓉
	张伶俐	林能明	张晚坚
	张蓉	李健	绳金房
	赵春景	黄富宏	徐维平
			汤华

总编辑	马劲
荣誉主编	张鹤镛
主编	刘斌
执行主编	郭澄
副主编	赵志刚
	王婧雯
	叶云
	王永庆
	夏培元
	文爱东
	徐珽
	葛卫红
	邱峰
	赵荣生
	张健
	赖伟华
	周本杰
	卞晓岚
	刘松青
	陈剑鸿
	蓝柯
	王凌
	枉前

电话 023-86592565
在线投稿 <http://www.zhongguoyaoe023.com>

声明

- 1.本刊发表文章不代表本刊观点,版权归中国药业杂志社所有。未经授权,其他任何机构、个人不得转载、摘编。
- 2.本刊被中国知网、万方数据、维普资讯等数据库和本刊网站全文收录,作者稿酬包括上述数据库和网站的使用报酬。若作者不同意收录,请在来稿时声明,以便妥善处理。
- 3.本刊稿酬有现金和转赠《中国药业》两种支付方式,投稿本刊即视为同意本刊稿酬支付标准和支付方式。需现金支付稿酬的作者,请务必在投稿时声明或在论文刊发前来电来函告知。若无特殊声明,论文发表3个月内,本刊将根据其稿酬金额自动转赠《中国药业》杂志。

期刊基本参数:CN 50-1054/R * 1992 * s * A4 * 128 * zh * P * ¥10.00 * * 34 * 2021-21

本期责任编辑 王海英

责任校对 陈 园

英文编辑 张小林

China Pharmaceuticals

November 5, 2021 Volume 30 – Number 21

Contents

◆ Monograph on Pharmaceutical Industry

Comparison of Government Award and Subsidy Policies for Innovative Development of Biomedical Industry in Shanghai City, Jiangsu Province and Zhejiang Province

..... WANG Yueqiang, LIN Hai, HU Xiaojing, CHEN Zhihong, SONG Jie (1)

◆ Pharmaceutical Administration

Application of Drug Trusteeship Optimization Process Based on Real – Time Information Update in the Medication Services for Hemodialysis Patients During the COVID – 19 Epidemic

..... LIU Xiaoyu, GAN Run, HUANG Jinlu, YANG Quanjun, ZHANG Jianping, DI Jianzhong, GUO Cheng, ZHANG Ping (5)

Influence of "4+7" Quantity Purchase Policy on the Rational Use of Antiplatelet Drugs in a Hospital

..... WANG Yi, WANG Qing, SU Meilin, QI Lei, YANG Lu (8)

Recent Achievements in the Construction of Standardized Training Base and the Training Effect for Pharmacists in Our Hospital

..... WANG Zhidan, QIN Zhou, XU Ting, SU Na (12)

Analysis of 120 Adverse Drug Reaction Reports of Biochemical Drugs in a Hospital

..... BAI Wanjuan, SUN Xiaoli, HE Li'en, DONG Zhanjun (14)

Effect of PDCA Cycle Method on Production Quality Control of Black Plaster Preparation

..... MA Yilin, ZHANG Hong (18)

Rationality Use of Proton Pump Inhibitors in Hospitalized Patients in the Department of Cardiology in a Hospital

..... DING Quan, LIU Xianjun, CHENG Hua, ZHANG Xiaolan (20)

Pareto Chart Analysis of 1 250 Cases of Medication Consultations in Our Hospital

..... FU Xinyang, HUANG Xiaowei, WU Shuifa, CAI Yifeng, LIN Zhiqiang (23)

◆ Pharmacy Articles

Synthesis of Impurity I of Anlisentan CHEN Jiafei, HUANG Lihua, LI Jing (26)

Potential Material Basis and Mechanism of Sanren Mixture in the Treatment of Cold with Damp – Heat

Syndrome ZENG Qilu, SU Tai'an, HE Zhenxiang, ZHAO Lingli, ZHENG Ronglei, LIU Tao (29)

Virtual Screening of Active Components of Interleukin – 6 Receptor and Investigation of the Network

Pharmacological Mechanism of the Core Traditional Chinese Medicine Against COVID – 19 Coronavirus

..... WU Jian, ZHANG Xihong, XU Wenjian (35)

Extraction and Preparation Technology Optimization of Traditional Chinese Medicine Compound Cream for Treating Tinea Pedis

..... ZHAO Ying, ZHAI Ming, LI Yuanhua, ZHANG Shengyuan, JIANG Zhonghong (44)

Optimization of Percolation Process for Sheyi Sprays by the Orthogonal Test and Specific Chromatogram

..... YE Binghuang, ZHANG Jun (48)

Simultaneous Determination of Blood Concentration of Sodium Valproate and 2 – Propyl – 4 – Pentenoic Acid in the Serum of Children with Epilepsy by HPLC

..... LI Sai, SU Lingying (52)

Research on the Chemical Constituents of Perillae Folium and Evaluation of Their Anti – Inflammatory Activity

..... WANG Yuning, FAN Hui, LIANG Keli (55)

Content Determination of Rufloxacin Hydrochloride in Rufloxacin Hydrochloride Film and Its

Transdermal Effect *in Vitro* JIN Weihua, PU Zhiqiang, CHEN Hua, YU Botao, YU Zhijun (59)

◆ Inspection and Test

Simultaneous Determination of Gentiopicroside, Rosmarinic Acid and Buddleoside in Biyanqing Granules by RP – HPLC

..... ZHANG Lijuan, LAN Xianquan, ZHENG Jinkun, QUE Weiqi, LI Qingde, ZHU Yan (62)

Evaluation of the Measurement Uncertainty in Content Determination of Lead in the Test Blind

Sample by Atomic Absorption Spectrophotometry

..... YANG Liu, WU Jingwen, WANG Daoquan, ZHANG Pu, LI Sha, FAN Nengquan (66)

Bacterial Endotoxin Test for Vinpocetine Injection

..... JIA Shouqian, WANG Lifang, FENG Rundong, ZHANG Li (69)

Simultaneous Determination of Four Active Ingredients in Yinzhihuang Preparations by HPLC

..... ZHANG Wei, SUN Yizhao, ZHANG Juanjuan, HUANG Yanyan, WANG Shilin, Chen Lin, YIN Zhenhua (73)

Simultaneous Determination of Aluminum and Magnesium in Compound Aluminum Hydroxide Tablets

by Microwave Digestion – ICP – OES WANG Dongyun, ZHAO Hui, DUAN Xiying, WU Jun, LI Jue (76)

◆ Clinical Research

Effect of Continuous Intensive Insulin Pump Therapy Combined with Exercise Therapy on E/A and E/Ea in Patients with Gestational Diabetes Mellitus

..... PENG Qing, WEN Yanjing, LI Qian, LI Man, CHANG Meiyang (79)

Efficacy of Intensive Statin Combined with Early Intravenous Thrombolysis in the Treatment of Acute Cerebral Infarction	LIU Yanfeng, WU Jie, ZHOU Tao(82)
Clinical Study of Gubi Decoction Fumigation Combined with Meridian Massage in the Treatment of Knee Osteoarthritis in the Early and Middle Stages	LI Yang, LI Guoli, ZHANG Liman, ZHANG Liying, WANG Fei(85)
Clinical Study of Hexi Ointment Combined with Diclofenac Sodium Sustained – Release Tablets in the Treatment of Knee Osteoarthritis	GAO Tianci, LIU Xiaoxing, LIU Lu, ZUO Guang, DU Shuangqing(89)
◆Drug Evaluation	
Efficacy and Safety of Shuanghuanglian Injection in the Treatment of Respiratory Infection: A Meta – Analysis	WANG Bing, FENG Yanan, LIU Xinxin, ZHAO Li(92)
Denosumab Injection in the Adjuvant Treatment of Postmenopausal Women with Hormone Receptor – Positive Breast Cancer: A Systematic Review	ZHOU Junxiang, XIAO Hongtao(98)
◆Pharmaceutical Care	
Application of Perioperative Prophylactic Antibiotics for Ophthalmic Class I Incision Surgery	GU Yunxia, ZHU Hua, WU Jiadi, BO Jixiang(103)
Medication Analysis of Warfarin, Clopidogrel and Aspirin Based on the Detection of Drug – Related Gene Loci	XU Jiandong, YI Juanjuan, WU Wanjiang, SONG Hailin, CHEN Yazhu, ZHANG Xiaoyan, TAO Xiaoyan, LI Guowen(106)
Investigation on Anxiety and Depression of Patients After Percutaneous Coronary Intervention During the COVID – 19 Epidemic	SU Jinhe, LIU Yundi, WU Heng(110)
Drug – Induced Hypersensitivity Syndrome Caused by Methimazole: A Case Report and Literature Review	ZHENG Chunxia, ZHENG Xiaoying, WANG Hongmei, SHAN Xuefeng, QIU Feng(114)
◆Review	
Effect of Combined Medication on Blood Concentration of Clozapine: A Literature Review	ZHUANG Hongyan, LIU Shanshan, DU Haixia, FANG Meng, ZHU Hong, LIU Jie, GUO Wei(119)
Textural Research and Development Status on Polygonum Multiflorum and Polygonum Multiflorum in Deqing	LI Haoxiang, YUAN Yiming, MEI Quanxi, HUANG Ran, ZHENG Yiling, QIAN Zhengming, FAN Weifeng(123)
Research Progress of Anti – Tumor – Targeted Drugs	LI Yanming, ZHAO Zhigang(128)



China Standard Serial Numbering ISSN 1006-4931
CN 50-1054/R

Directed by National Medical Products Administration
No.1, Beiluyuan, Zhanlan Road, Xicheng Dist., Beijing, China, 100053

Sponsored by Chongqing Municipal Drug Administration
No.27, Food City Avenue, Yubei Dist., Chongqing, China, 401120

Edited & Published by China Pharmaceuticals Magazine Agency
19th Floor, Building 1, Real Estate Mansion
No.61, Changjiang No.1 St., Yuzhong Dist., Chongqing, China, 400014

Printed by Chongqing Guofeng Printing Co., Ltd.
No.36, Jinzhu St., Jinzhu Industrial Park, Ba'n'an Dist., Chongqing, China, 401320

Domestic Distributor
Chongqing Branch of China Post Group
No.83, West Village of Jialingqiao, Yuzhong Dist., Chongqing, China, 400015

Overseas Distributor
China International Book Trading Corporation
No.35, West Road of Chegongzhuang, Haidian Dist., Beijing, China, 100048

Domestic Code No. 78-130 **Overseas Code** No. SM 5135

Price ¥10.00 for each book, ¥240 for whole year

Bank of Deposit
Chongqing Yuzhong Subbranch of Bank of Communications

Account Number 500102120010149000795

Consultants Qi Moujia Fan Daiming Liu Changxiao

Director of the Editorial Board Zhou Longhai

Deputy Director of the Editorial Board

Zhao Yong	Hu Xin	Wang Xiaobo
Shi Luwen	Lyu Qianzhou	Gao Shen
Jiang Xuehua	Shao Rong	Miao Liyan
Tong Rongsheng	Zhang Lingli	Lin Nengming
Zhang Xiaojian	Su Lequn	Chen Yongchuan
Zhang Rong	Li Jian	Sheng Jinfang
Feng Weiyi	Wu Jianlong	Zhao Chunjing
Huang Fuhong	Xu Weiping	Tang Hua

General Editor Ma Jin

Honorary Editor-in-Chief Zhang Heyong

Editor-in-Chief Liu Bin

Executive Editors – in – Chief

Guo Cheng	Xia Peiyuan
Wen Aidong	Xu Ting

Deputy Editors – in – Chief

Zhao Zhigang	Ge Weihong	Qiu Feng
Zhao Rongsheng	Zhang Jian	Wang Jingwen
Lai Weihua	Zhou Benjie	Bian Xiaolan
Liu Songqing	Ye Yun	Chen Jianhong
Lan Ke	Wang Ling	Wang Qian
Wang Yongqing		

Tel 023-86592565

Web <http://www.zhongguoyaoye023.com>

Executive Editor Wang Haiying

Executive Proofreader Chen Nan

English Editor Zhang Xiaolin