



Q K 2 2 3 6 8 1 8 494 (Online)
903 (Print)

CN 11-3495/R

ZHONGGUO

SHIYAN

FANGJIXUE

ZAZHI

中国实验方剂学杂志

CHINESE JOURNAL OF EXPERIMENTAL TRADITIONAL MEDICAL FORMULAE

• 中国精品科技期刊 • 中文核心期刊 • 中医药科技期刊分级目录T1级期刊 • 中国科技核心期刊 • CSCD来源期刊(核心库)

基于儿童社区获得性肺炎评价安儿宁颗粒减少抗生素
应用的随机、双盲单模拟、
安慰剂平行对照、多中心临床试验



杂志官方微信

主管 国家中医药管理局
主办 中国中医科学院中药研究所
中华中医药学会

万方数据

2022 19

10月 第28卷 第19期
Oct. Vol.28 No.19

中国实验方剂学杂志
Zhongguo Shiyang Fangjixue Zazhi

半月刊 1995 年 10 月创刊 第 28 卷 第 19 期 2022 年 10 月 5 日出版

主管 国家中医药管理局
(100027 北京市东城区工体西路 1 号)
主办 中国中医科学院中药研究所
(100700 北京市东直门内南小街 16 号)
中华中医药学会
(100029 北京市朝阳区樱花园东街甲 4 号)
主编 吴以岭
编辑出版 中国实验方剂学杂志编辑部
(100700 北京市东直门内南小街 16 号)
电话:010-84076882
传真:010-84076882
E-mail:syfjx_2010@188.com
网址:www.syfjxzz.com
广告代理 数源汇通(北京)医药科技有限公司
北京市海淀区西三环北路 11 号
海通时代商务中心 A1 栋
电话:010-68469866
传真:010-68469886
印刷 北京博海升彩色印刷有限公司
(101102 北京通州区环宇路 6 号)
国内发行 北京报刊发行局
(100055 北京丰台区莲花池东路 126 号)
订阅 全国各地邮局
邮发代号 2-417
国外发行 中国国际图书贸易集团有限公司
订阅代号 SM4655
邮 购 中国实验方剂学杂志社
(100700 北京市东直门内南小街 16 号)
电话:010-84076882

ISSN 1005-9903
中国标准连续出版物号 CN 11-3495/R
广告发布登记 京东市监广登字 20170076 号
国内定价 每期 48 元, 全年 1152 元

目次

· 经典名方 ·
龟鹿二仙胶对糖尿病大鼠生殖损伤的保护作用及机制
陆包伟, 刘露梅, 王能, 丁劲, 盛文, 何清湖 (1)
鳖甲煎丸通过 HIF-1α/NF-κB 信号通路调控巨噬细胞
极化的机制探讨
刘洋, 何春雨, 李彤, 陈伟光, 马琰昊, 匡莹,
贺松其, 孙海涛 (9)
柴芍六君子汤通过 TLR4/MyD88/NF-κB 信号通路抗溃疡性
结肠炎的机制
张兆鹏, 李秋英, 于子晴, 张茹, 关树光, 郭军鹏 (17)
· 配伍 ·
丹参-葛根提取物对氧糖剥夺/复氧损伤人神经母细胞瘤
SH-SY5Y 细胞的保护作用
车若梅, 涂舒欣, 贺晓丽 (24)
· 药理 ·
葛根汤颗粒对人冠状病毒 229E 寒湿疫毒袭肺证病证结合
小鼠肺炎模型的治疗作用
耿子涵, 鲍岩岩, 包蕾, 赵荣华, 孙静, 时宇静,
郭姗姗, 陶夏莉, 高英杰, 崔晓兰 (34)
化橘红水提物对酒精诱导的急性肝损伤保护作用
吴道顺, 王梦晨, 张雪涟, 郭一飞, 董政起,
王艳慧, 罗云, 孙晓波 (42)
急性冠脉综合征瘀毒互结证大鼠模型的建立及评价
尤越, 辛高杰, 刘子馨, 李玲美, 孟红旭, 史跃,
马彦雷, 王紫艳, 刘建勋, 李磊, 付建华 (49)

3 种冰片防治 AMI 模型大鼠的抗炎及调控 HIF-1 α /VEGF

王立映, 王建, 樊亚梅, 王佳俊, 付尹, 杨显娟, 龚道银 (61)

新加达原散联合亚胺培南西司他丁对临床分离多重耐药大肠埃希菌生物膜的影响

石岩, 杨伟峰, 齐文升 (73)

半枝莲提取物通过抑制 STAT3/SKP2 信号通路促进鼻咽癌细胞周期阻滞

丁虹, 吴紫陆, 蔡纪堂, 李静波 (81)

基于 PI3K/Akt 信号通路研究升降通癯方中空栓对前列腺增生大鼠的影响

胡黄金, 雷利娟, 赵鹏, 郑靓怡, 杨妮, 孟春慧, 孟婧娅, 张恒 (89)

芹菜素通过 PI3K/Akt 和 MAPK 信号通路诱导人大肠癌 CL187 细胞凋亡

林思, 秦慧真, 邓玲玉, 李泽宇, 谢凤凤, 张森, 朱华 (97)

· 临床 ·

基于儿童社区获得性肺炎评价安儿宁颗粒减少抗生素应用的随机、双盲单模拟、安慰剂平行对照、

多中心临床试验

魏瑞丽, 吕健, 李新民, 袁发荣, 王连心, 吴力群, 丁樱, 王孟清, 张葆青,

薛征, 徐勇胜, 张景肖, 谢雁鸣 (105)

酸枣仁汤联合子午流注针刺法对颈源性失眠患者椎动脉血流动力学、炎症因子、神经营养因子的影响

秦美影, 冯亮, 苏晶, 林国华 (115)

· 药物代谢 ·

基于非靶向尿液代谢组学方法的气虚模型评价

后宗, 刘舒, 宋凤瑞, 刘志强 (121)

· 药学基础 ·

巴戟天经不同比例甘草炮制后对腺嘌呤致肾阳虚模型大鼠肾功能和 HPG 轴改善作用的比较

黎祖荣, 郑宝玉, 王瑞国, 王鹏, 黄鸣清, 程再兴, 陈红 (128)

基于能量代谢与燥性相关性考察茅苍术、北苍术药性差异

詹鑫, 刘春莲, 王燕, 宋成程, 郭秀丽, 李水清, 刘艳菊 (139)

延胡索总碱贴片经神阙穴与非穴位给药的皮肤渗透性比较

姜明瑞, 王志成, 岳珠珠, 张婧秋, 王佩华, 张桂梅, 王慧楠, 杨子烨, 陈梦雨, 王英姿 (148)

基于 UPLC-Q-TOF-MS 的泽泻盐制前后萜类化学成分分析

向茜, 赵文燕, 王蝉, 吴晓莹, 朱盈徽, 杨丹阳, 肖小林, 龚千锋, 于欢 (154)

工业大麻 PP2C 基因家族成员鉴定及表达分析

蔡晓雪, 王思凡, 米要磊, 万会花, 曹雪, 孙伟, 苏畅, 陈士林, 徐艳琴, 陈伟强 (162)

经典名方升阳益胃汤的历史沿革与现代临床应用研究概况

王小文, 白建英, 芦迪, 范瑞菊, 张秀芬, 杨贵真, 徐昭娟, 李付平, 康立英 (173)

· 数据挖掘 ·

基于网络药理学和实验验证的二仙汤调治焦虑障碍的分子机制

余楷杰, 杨婧雯, 孟丹华, 梁文青, 巩子汉, 岳广欣 (185)

基于网络药理学与分子对接技术研究淫羊藿治疗少弱精症的作用机制

方春燕, 叶玉龙, 叶乃菁, 申毅锋, 俞旭君, 常德贵 (194)

· 学术探讨 ·

慢性肾脏病肾阳虚证证候特征与临床生物学指标相关性危险因素

吴琪, 张新雪, 焦婷婷, 张新江, 王舒月, 刘运华, 郑鹏飞, 王思童, 周楷栋, 赵宗江 (204)

《中华本草》之毒性中药特点及应用分析

姬叔梅, 秦世磊, 彭孟凡, 秦格, 陈丹丹, 左艇, 苗明三 (214)

· 综述 ·

黄酮类中药单体对卵巢癌信号通路调控作用的研究进展

赵楨, 徐佳越, 刘少璇, 韩凤娟 (222)

基于细胞焦亡理论探讨中医药防治类风湿关节炎研究进展

唐秀松, 赵心怡, 陈静, 罗业浩, 方刚, 黄安, 庞宇舟 (231)

桑白皮及其相关方剂治疗呼吸系统疾病的研究进展

杨昱斌, 范欣生, 周丽萍, 陈叶青, 倪瑛, 郝梦阳, 劳子珊 (241)

线粒体自噬在临床疾病中的作用及中药对其影响的研究进展

马洪月, 宋琳, 朴钟源, 白晓蕾, 楚魏, 郑远武 (250)

消化系统病证结合动物模型的研究进展及中医药靶点干预

胥文娟, 汪龙德, 牛媛媛, 毛兰芳, 杜晓娟, 张萍 (258)

基于肠道菌群探讨中医药治疗抑郁状态相关证型作用机制研究进展

张楠, 程艳梅, 王磊 (267)

自噬在肾间质纤维化中的作用及中药干预研究进展

李建省, 王英明, 闫燕顺, 程建林, 张雯年, 康桂兰 (274)

· 书讯 ·

舒肝解郁胶囊联合噻托溴铵减轻尘肺合并慢性阻塞性肺引起的抑郁症 (203)

头痛合剂联合盐酸氟桂利嗪治疗风痰瘀阻证偏头痛 (240)

· 广告 ·

左归丸 仲景宛西制药股份有限公司(封二)

低碳生活 从我做起 (前插一)

金振口服液 江苏康缘药业股份有限公司(前插二)

SHORING 数源汇通 (后插一)

消痞和胃胶囊 贵阳永乐药业有限公司(后插二)

亚宝九和(北京)健康管理有限公司 (封三)

三金片 桂林三金药业股份有限公司(封四)

CHINESE JOURNAL OF EXPERIMENTAL TRADITIONAL
MEDICAL FORMULAE

Semimonthly Established in October, 1995 Vol. 28 No. 19 2022

Responsible Institution
State Administration of Traditional Chinese
Medicine
(No. 1, Gongtixilu, Dongcheng District,
Beijing, 100027)

Sponsor
Institute of Chinese Materia Medica, China
Academy of Chinese Medical Sciences
(No. 16, Nanxiaojie, Dongzhimennei,
Beijing, 100700)
China Association of Chinese Medicine
(No. 4, Yinghuayuandongjie, Chaoyang
District, Beijing, 100029)

Editor-in-Chief
WU Yi-ling

Edited and Published by
Editorial Office of Chinese Journal of
Experimental Traditional Medical Formulae
(No. 16, Nanxiaojie, Dongzhimennei,
Beijing, 100700)
Tel: 010-84076882
Fax: 010-84076882
E-mail: syfjx_2010@188.com
Website: http://www.syfjxzz.com

Printed by
Beijing BOHS Colour Printing Co. Ltd.
(No. 6, Huanyu Road, Tongzhou District,
Beijing, 101102)

Domestic Subscription
Distributed by Beijing Subscription Bureau
(No. 126, Lianhuachidonglu, Fengtai
District, Beijing, 100055)
Subscription Code 2-417

Overseas Subscription
China International Book Trading Corporation
(P. O. Box 399, Beijing, 100044)
Code SM4655

Order from Local Post Office
Order from Mail Publishing House of Chinese
Journal of Experimental Traditional
Medical Formulae
(No. 16, Nanxiaojie, Dongzhimennei,
Beijing, 100700)
Tel: 010-84076882

CSSN ISSN 1005-9903
 CN 11-3495/R

CONTENTS IN BRIEF

**Protective Effect of Guilu Erxianjiao on Reproductive Injury in
Diabetic Rats and Its Mechanism**
LU Baowei, LIU Lumei, WANG Neng, DING Jing,
SHENG Wen, HE Qinghu (1)

**Biejiajian Wan Regulates Polarization of Macrophages via
HIF-1 α /NF- κ B Signaling Pathway**
LIU Yang, HE Chunyu, LI Tong, CHEN Weiguang,
MA Yanhao, KUANG Ying, HE Songqi, SUN Haitao ... (9)

**Mechanism of Chaishao Liujunzi Tang in Treatment of
Ulcerative Colitis Through TLR4/MyD88/NF- κ B
Signaling Pathway**
ZHANG Zhaopeng, LI Qiuying, YU Ziqing,
ZHANG Ru, GUAN Shuguang, GUO Junpeng (17)

**Protective Effect of Salviae Miltiorrhizae Radix et Rhizoma and
Puerariae Lobatae Radix Extract on SH-SY5Y
Cells Injured by Oxygen-glucose Deprivation/Reoxygenation**
CHE Ruomei, TU Shuxin, HE Xiaoli (24)

**Therapeutic Effect of Gegentang Granules on Mouse Model with
hCoV-229E Pneumonia and Hanshi Yidu Xifei Syndrome**
GENG Zihan, BAO Yanyan, BAO Lei, ZHAO Ronghua,
SUN Jing, SHI Yujing, GUO Shanshan, TAO Xiali,
GAO Yingjie, CUI Xiaolan (34)

**Protective Effect of Water Extract of Citri Grandis
Exocarpium on Alcohol-induced Acute Liver Injury**
WU Daoshun, WANG Mengchen, ZHANG Xuelian,
GUO Yifei, DONG Zhengqi, WANG Yanhui,
LUO Yun, SUN Xiaobo (42)

**Establishment and Evaluation of Rat Model of Acute Coronary
Syndrome with Combined Blood Stasis and Poison**
YOU Yue, XIN Gaojie, LIU Zixin, LI Lingmei,
MENG Hongxu, SHI Yue, MA Yanlei, WANG Ziyang,
LIU Jianxun, LI Lei, FU Jianhua (49)

Anti-inflammation and Regulation of HIF-1α/VEGF of 3 Kinds of Borneolum in Prevention and Treatment of AMI Model Rats	
WANG Liying, WANG Jian, FAN Yamei, WANG Jiajun, FU Yin, YANG Xianjuan, GONG Daoyin	(61)
Effect of Modified Dayuansan Combined with Imipenem-cilastatin on Biofilm of Clinically Isolated Multidrug-resistant <i>Escherichia coli</i>	
SHI Yan, YANG Weifeng, QI Wensheng	(73)
Scutellariae Barbatae Herba Extract Promotes Cycle Arrest of Nasopharyngeal Carcinoma Cells by Inhibiting STAT3/SKP2 Signaling Pathway	
DING Hong, WU Zilu, CAI Jitang, LI Jingbo	(81)
Effect of Shengjiang Tonglong Prescription Hollow Suppository on Rats with Prostatic Hyperplasia Based on PI3K/Akt Signaling Pathway	
HU Huangjin, LEI Lijuan, ZHAO Peng, ZHENG Jingyi, YANG Ni, MENG Chunhui, MENG Ruoya, ZHANG Heng	(89)
Apigenin Induces Apoptosis of Human Colorectal Cancer CL187 Cells via PI3K/Akt and MAPK Signaling Pathways	
LIN Si, QIN Huizhen, DENG Lingyu, LI Zeyu, XIE Fengfeng, ZHANG Miao, ZHU Hua	(97)
Randomized, Double-blind, Single-simulation, Placebo-controlled, Multicenter Clinical Trial of An'erning Granules in Reducing Use of Antibiotics for Children's Community-acquired Pneumonia	
WEI Ruili, LYU Jian, LI Xinmin, YUAN Farong, WANG Lianxin, WU Liquan, DING Ying, WANG Mengqing, ZHANG Baoqing, XUE Zheng, XU Yongsheng, ZHANG Jingxiao, XIE Yanming	(105)
Effect of Suanzaoren Tang Combined with Ziwu Liuzhu Acupuncture on Vertebral Artery Hemodynamics, Inflammatory Cytokines, and Neurotrophic Factors in Patients with Cervical Insomnia	
QIN Meiyong, FENG Liang, SU Jing, LIN Guohua	(115)
Evaluation of Qi-deficiency Model Based on Urine Non-targeted Metabonomics	
HOU Zong, LIU Shu, SONG Fengrui, LIU Zhiqiang	(121)
Effect of Morindae Officinalis Radix Processed with Different Proportions of Glycyrrhizae Radix et Rhizoma on Improvement of Renal Function and HPG Axis of Kidney Yang Deficiency Model Rats Induced by Adenine	
LI Zurong, ZHENG Baoyu, WANG Ruiguo, WANG Peng, HUANG Mingqing, CHENG Zaixing, CHEN Hong	(128)
Analysis on Difference of Medicinal Properties Between <i>Atractylodes lancea</i> and <i>A. chinensis</i> Based on Correlation of Energy Metabolism and Dryness	
ZHAN Xin, LIU Chunlian, WANG Yan, SONG Chengcheng, GUO Xiuli, LI Shuiqing, LIU Yanju	(139)
Comparison on Skin Permeability of Corydalis Rhizoma Total Alkaloid Patches at Shenque Acupoint and Non-acupoint Administration	
JIANG Mingrui, WANG Zhicheng, YUE Zhuzhu, ZHANG Jingqiu, WANG Peihua, ZHANG Guimei, WANG Huinan, YANG Ziye, CHEN Mengyu, WANG Yingzi	(148)

Analysis of Terpenoids in Alismatis Rhizoma Before and After Processing with Salt-water Based on UPLC-Q-TOF-MS
XIANG Qian, ZHAO Wenyan, WANG Chan, WU Xiaoying, ZHU Yinghui, YANG Danyang, XIAO Xiaolin, GONG Qianfeng, YU Huan (154)

Identification and Expression Analysis of PP2C Gene Family Members in *Cannabis sativa*
CAI Xiaoxue, WANG Sifan, MI Yaolei, WAN Huihua, CAO Xue, SUN Wei, SU Chang, CHEN Shilin, XU Yanqin, CHEN Weiqiang (162)

Historical Evolution and Modern Clinical Application of Shengyang Yiweitang
WANG Xiaowen, BAI Jianying, LU Di, FAN Ruiju, ZHANG Xiufen, YANG Guizhen, XU Zhaojuan, LI Fuping, KANG Liying..... (173)

Molecular Mechanism of Erxian Decoction in Treatment of Anxiety Disorder Based on Network Pharmacology and Experimental Verification
SHE Kaijie, YANG Jingwen, MENG Danhua, LIANG Wenqing, GONG Zihan, YUE Guangxin (185)

Mechanism of Epimedii Folium in Treatment of Oligoasthenospermia Based on Network Pharmacology and Molecular Docking
FANG Chunyan, YE Yulong, YE Naijing, SHEN Yifeng, YU Xujun, CHANG Degui (194)

Correlations of Characteristics of Kidney Yang Deficiency Syndrome with Clinical Indicators and Risk Factors of Chronic Kidney Disease
WU Qi, ZHANG Xinxue, JIAO Tingting, ZHANG Xinjiang, WANG Shuyue, LIU Yunhua, ZHENG Pengfei, WANG Sitong, ZHOU Kaidong, ZHAO Zongjiang (204)

Analysis of Characteristics and Application of Toxic Traditional Chinese Medicine in *Chinese Materia Medica*
JI Shumei, QIN Shilei, PENG Mengfan, QIN Ge, CHEN Dandan, ZUO Ting, MIAO Mingsan ... (214)

Regulation of Flavonoid Monomers on Signaling Pathways in Ovarian Cancer: A Review
ZHAO Zhen, XU Jiayue, LIU Shaoxuan, HAN Fengjuan..... (222)

Traditional Chinese Medicine in Prevention and Treatment of Rheumatoid Arthritis Based on Pyroptosis Theory: A Review
TANG Xiusong, ZHAO Xinyi, CHEN Jing, LUO Yehao, FANG Gang, HUANG An, PANG Yuzhou (231)

Prescriptions with Mori Cortex in Treatment of Respiratory Diseases: A Review
YANG Yubin, FAN Xinsheng, ZHOU Liping, CHEN Yeqing, NI Ying, HAO Mengyang, LAO Zishan (241)

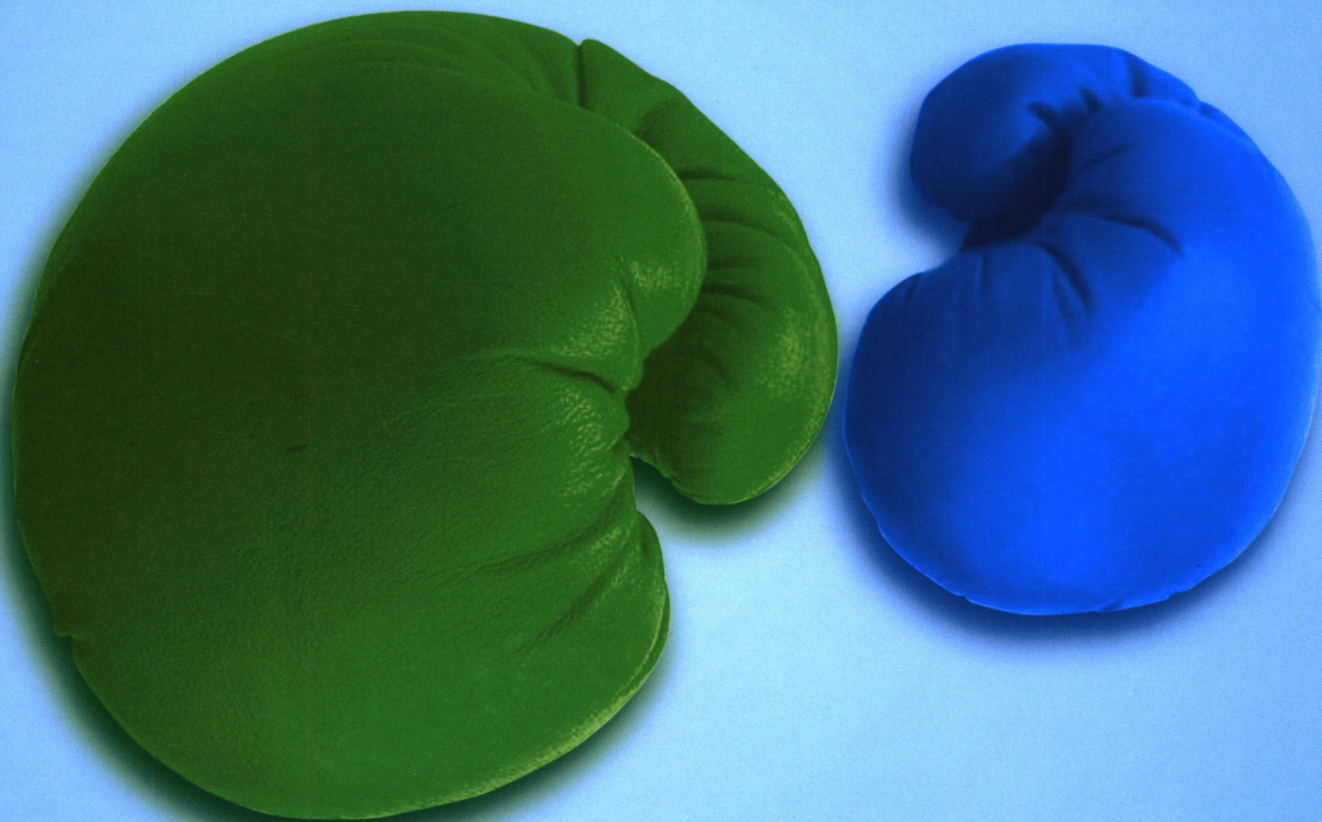
Effect of Mitochondrial Autophagy in Clinical Diseases and Intervention by Chinese Medicine: A Review
MA Hongyue, SONG Lin, PIAO Zhongyuan, BAI Xiaolei, CHU Wei, ZHENG Yuanwu (250)

Research Progress of Digestive System Disease and Syndrome Combined Animal Model and Traditional Chinese Medicine Target Intervention: A Review
XU Wenjuan, WANG Longde, NIU Yuanyuan, MAO Lanfang, DU Xiaojuan, ZHANG Ping..... (258)

Mechanism of Traditional Chinese Medicine in Treating Depressive-related Syndromes Based on Intestinal Flora: A Review
ZHANG Nan, CHENG Yanmei, WANG Lei (267)

Role of Autophagy in Renal Interstitial Fibrosis and Intervention of Chinese Medicine: A Review
LI Jiansheng, WANG Yingming, YAN Yanshun, CHENG Jianlin, ZHANG Wennian, KANG Guilan (274)

Responsible editor: ZHOU Bingbing



三金牌三金片

利湿、解毒、益肾

↓尿短赤、↓尿淋漓、↓尿涩痛…请用三金牌三金片

【功能主治】清热解毒，利湿通淋，益肾。用于下焦湿热所致的热淋、小便短赤、淋漓涩痛、尿急频数；急慢性肾盂肾炎、膀胱炎、尿路感染见上述证候者；慢性非细菌性前列腺炎肾虚湿热下注证。



桂林三金药业股份有限公司

本广告仅供医学药学专业人士阅读 北京市药监局2021年1月准予备案

批准文号：国药准字Z45021645 不良反应：详见药品说明书。禁忌：孕妇禁用，其它详见药品说明书。注意事项：详见药品说明书。桂药广审(文)第250826-00356号

广告