



QK2202122 1005-9903
11-3495/R

ZHONGGUO

SHIYAN

FANGJIXUE

ZAZHI

中国实验方剂学杂志

CHINESE JOURNAL OF EXPERIMENTAL TRADITIONAL MEDICAL FORMULAE

• 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) • RCCSE权威学术期刊(A+)

气络学说指导抗衰老研究

“通法”内涵及其在冠心病的临床应用



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 01

1月

第28卷

第1期

Jan

Vol.28

No.1

中国实验方剂学杂志

Zhongguo Shiyan Fangjixue Zazhi

半月刊

1995 年 10 月创刊

第 28 卷

第 1 期

2022 年 1 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

中国标准连续出版物号

ISSN 1005-9903

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

· 专论 ·

“通法”内涵及其在冠心病的临床应用

王阶,周思远,刘超,惠小珊,何浩强 (1)

气络学说指导抗衰老研究

李红蓉,魏聪,贾振华,集川原,毛昕菁,王丹东,马坤,黄丹,吴以岭 (7)

· 经典名方 ·

苓桂术甘汤对阿尔茨海默病血脑屏障损伤的影响

王紫薇,周西彬,邓菊,凌云,周春祥 (16)

鳖甲煎丸通过NF-κB信号通路抑制肝癌细胞上皮间质转化的作用机制

钟晓丹,文彬,孙海涛,孙嘉玲,杨雪梅,陈炜聪,招文婷,何春雨,刘洋,李彤,贺松其 (24)

基于miRNA-219,NR2B,DISC1,CaMKⅡγ探讨温胆汤干预精神分裂症模型大鼠的分子机制

张媛,朱金华,陈静,田真真,张米兰,万红娇 (33)

当归拈痛汤对风湿热痹型佐剂性关节炎大鼠自噬蛋白LC3,Becn1,p62表达的影响

陆麒麟,李佳钰,蔡义思,赵帆,林鸿鑫,刘刚,袁立霞 (41)

右归丸通过调节CXCL8/CXCR1/2信号通路及Ang-1,Ang-2表达促进大鼠卵巢血管生成的作用

魏小晶,段恒,唐立明,宋谦谦 (50)

· 配伍 ·

钩吻配伍玉叶金花对外排转运蛋白BCRP和药物代谢酶CYP3A11的影响

朱翠萍,高汉云,赵茜茜,刘翔翔,黄美霞,王英豪 (58)

基于网络药理学及实验验证探讨山慈菇-漏芦药对治疗乳腺癌作用机制

王冰,王玥,朱仲康,崔勇,于嵩,刘海兴,王旭 (65)

· 中药抗肿瘤作用研究专题 ·

槐耳蛋白聚糖 TPG-1 抑制人肝癌 SK-HEP-1 细胞生长的机制

杨爱琳,黄惠铭,刘亚鑫,欧阳里山,范海涛,屠鹏飞,胡仲冬 (72)

槐耳清膏对人前列腺癌 VCaP 细胞增殖的作用

杨爱琳,刘亚鑫,黄惠铭,欧阳里山,谢锦欣,刘东晓,王龙燕,屠鹏飞,胡仲冬 (79)

血竭石油醚提取物对人胃癌 HGC-27 和 MGC-803 细胞的抗肿瘤作用

黄惠铭,田颖颖,庞道然,刘亚鑫,欧阳里山,屠鹏飞,李军,胡仲冬 (85)

肿瘤耐药性产生机制及中药逆转作用的研究进展

黄惠铭,杨爱琳,田颖颖,刘亚鑫,欧阳里山,屠鹏飞,胡仲冬 (92)

· 药理 ·

基于转录组学和蛋白质组学的黄连素抗脑缺血关键转录因子分析

周瑞,高金环,郭非非,张毅,张晶晶,杨洪军 (100)

祛瘀化痰通脉方对高脂血症金黄地鼠肠道菌群的调节作用

苗兰,彭勃,孙明谦,张业昊,张颖,任常英,刘建勳,林力 (109)

基于 16S rRNA 测序的肠道菌群探讨化浊解毒活血通络方对脑缺血再灌注损伤大鼠脑-肠轴的影响

霍瑞卿,赵敏菡,李芳钊,韩宇帆,孙阔,田军彪 (121)

基于 TGR5 及肠黏膜屏障功能探讨“疏肝健脾”疗法对肝损伤大鼠的影响及作用机制

魏伟莉,高艺宁,史兴华,郑智礼,康倩君,邓秀兰 (131)

基于蛋白质组学分析参芎葡萄糖注射液拮抗 H₂O₂ 诱导 H9c2 细胞氧化损伤的作用机制

陆定艳,吴忠秀,孙佳,陆苑,王永林,李勇军,郑林,刘亭 (141)

· 临床 ·

回顾性分析三消饮加减方治疗轻型/普通型新型冠状病毒肺炎患者的临床疗效

罗志辉,王昆秀,张艳琳,陈子琴,陈贝,陈佳,周婷,顾骁磊,李崇立,闫鹏,田玲玲,
徐驰成,陈柏霖,陈松,祁青 (150)

· 药物代谢 ·

基于 UPLC-QE-Orbitrap-MS 的生姜干预腹泻小鼠血清代谢组学分析

玄静,刘燕,张永清 (157)

· 药学基础 ·

越南槐种子化学成分分离与鉴定

邹吉斌,张鹏,安巧,姜阳明,夏宇,胡占兴,郝小江 (165)

基于TRPV1通道分析诃子制草乌减轻H9c2心肌细胞毒性的作用机制
韩舒,包丽媛,刘凯洋,韩喜桃,唐雅楠,刘子琴,王宏月,范盎然,李飞,杜红 (173)

冰冻切片结合荧光成像技术对当归根中挥发油的定位分析
陈玉莹,张咏梅,王生艳,冉贺亮,田玺庆,李欠,邱黛玉 (182)

· 数据挖掘 ·

基于自动化框架及可视化分析法的中医脾胃病证概念演变
钱佳南,康砚澜,赵爱光,胡鸿毅 (189)

基于网络药理学和体外实验研究苔黑酚葡萄糖苷治疗骨质疏松的分子机制
刘霞,黄明春,张小琼,李杰,张梅 (197)

基于网络药理学和实验验证探讨新疆紫草治疗黑色素瘤的分子机制
康莹莹,包海燕,李敏,许芳,阳莹,陈玲,蒲一萍,钱乾,李建光 (204)

· 学术探讨 ·

关于经典名方研发的一些重要关键信息和科学问题的几点看法
王智民,刘菊妍,王德勤,李春,闫利华,刘晓谦,冯伟红,高慧敏,仝燕,朱晶晶,
匡艳辉,陈两绵 (212)

基于“四位一体”探析炙甘草汤治疗冠心病机制
夏明月,崔向宁,司国民,彭敏,李雯雯 (218)

· 综述 ·

益气活血类中药复方干预恶性肿瘤血行转移机制的研究进展
周飘,杜全宇,王飞 (226)

基于中西医临床病证特点的胃溃疡动物模型研究进展
祝红,张瑾,黄胜楠,苗明三 (234)

帕金森病中西医研究进展
王佳彬,沈晓明,马云枝,苏朝阳,边颂博 (241)

《中国实验方剂学杂志》第五届编委会名单 (封二)

主编寄语 (前插一)

《中国实验方剂学杂志》2021年成绩单 (前插二)

· 广告 ·

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)

[期刊基本参数] CN11-3495/R * 1995 * s * 16 * 250 * zh * P * ¥ 48.00 * 1000 * 31 * 2022-1

本期责任编辑:刘德文

CHINESE JOURNAL OF EXPERIMENTAL TRADITIONAL MEDICAL FORMULAE

Semimonthly Established in October, 1995 Vol. 28 No. 1 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, Yinghuayuangongjie, 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

ISSN 1005-9903
CN 11-3495/R

CONTENTS IN BRIEF

Connotation and Clinical Application of Tong (Dredging) Method in Treatment of Coronary Heart Disease
WANG Jie, ZHOU Si-yuan, LIU Chao, HUI Xiao-shan, HE Hao-qiang (1)

Research on Anti-aging Guided by Qiluo Doctrine
LI Hong-rong, WEI Cong, JIA Zhen-hua, JI Chuan-yuan, MAO Xin-jing, WANG Dan-dong, MA Kun, HUANG Dan, WU Yi-ling (7)

Mechanism of Linggui Zhugantang in Repairing Blood-brain Barrier Injury of Alzheimer's Disease
WANG Zi-wei, ZHOU Xi-bin, DENG Ju, LING Yun, ZHOU Chun-xiang (16)

Mechanism of Biejiajian Wan Against EMT of Hepatocellular Carcinoma Cells Through NF-κB Signaling Pathway
ZHONG Xiao-dan, WEN Bin, SUN Hai-tao, SUN Jia-ling, YANG Xue-mei, CHEN Wei-cong, ZHAO Wen-ting, HE Chun-yu, LIU Yang, LI Tong, HE Song-qi (24)

Molecular Mechanism of Wendantang Against Schizophrenia in Rats: An Exploration Based on miRNA-219, NR2B, DISC1 and CaMK II γ
ZHANG Yuan, ZHU Jin-hua, CHEN Jing, TIAN Zhen-zhen, ZHANG Mi-lan, WAN Hong-jiao ... (33)

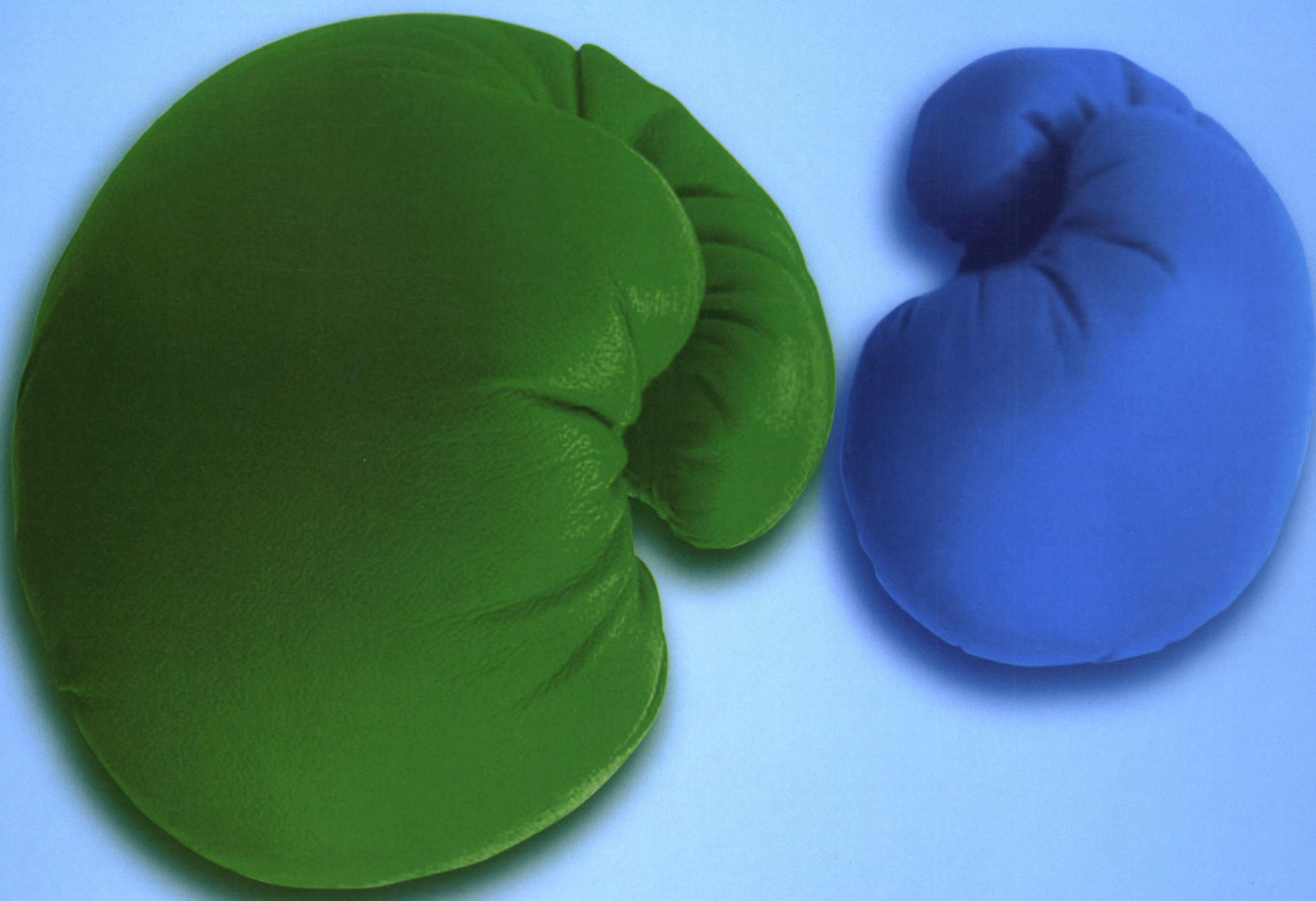
Effect of Danggui Niantongtang on Expression of Autophagy-related Proteins LC3, Beclin1 and p62 in Rats with Adjuvant Arthritis Differentiated into Wind-damp-heat Impediment
LU Qi-jin, LI Jia-yu, CAI Yi-si, ZHAO Fan, LIN Hong-xin, LIU Gang, YUAN Li-xia (41)

Yonguiwan Regulates CXCL8/CXCR1/2 Signaling Pathway and Ang-1 and Ang-2 Expression to Promote Ovarian Angiogenesis in Rats
WEI Xiao-jing, DUAN Heng, TANG Li-ming, SONG Qian-qian (50)

Effects of <i>Gelsemium elegans</i> Combined with <i>Mussaenda pubescens</i> on Transporter BCRP and Drug-metabolizing Enzyme CYP3A11	
ZHU Cui-ping, GAO Han-yun, ZHAO Qian-qian, LIU Xiang-xiang, HUANG Mei-xia, WANG Ying-hao	(58)
Mechanism of <i>Crematrae Pseudobulbus-Rhapontici Radix</i> Against Breast Cancer: An Exploration Based on Network Pharmacology and Experimental Verification	
WANG Bing, WANG Yue, ZHU Zhong-kang, CUI Yong, YU Song, LIU Hai-xing, WANG Xu ...	(65)
Mechanism of Proteoglycan TPG-1 from <i>Trametes robiniophila</i> Inhibiting Growth of Human Hepatoma SK-HEP-1 Cells	
YANG Ai-lin, HUANG Hui-ming, LIU Ya-xin, OUYANG Li-shan, FAN Hai-tao, TU Peng-fei, HU Zhong-dong	(72)
Effect of Aqueous Extract of <i>Trametes robiniophila</i> on Proliferation of Human Prostate Cancer VCaP Cells	
YANG Ai-lin, LIU Ya-xin, HUANG Hui-ming, OUYANG Li-shan, XIE Jin-xin, LIU Dong-xiao, WANG Long-yan, TU Peng-fei, HU Zhong-dong	(79)
Anti-tumor Effect of <i>Draconis Sanguis Petroleum</i> Ether Fraction on Human Gastric Cancer HGC-27 and MGC-803 Cells	
HUANG Hui-ming, TIAN Ying-ying, PANG Dao-ran, LIU Ya-xin, OUYANG Li-shan, TU Peng-fei, LI Jun, HU Zhong-dong	(85)
Mechanism of Cancer Drug Resistance and Reversal Effect of Chinese Medicine: A Review	
HUANG Hui-ming, YANG Ai-lin, TIAN Ying-ying, LIU Ya-xin, OUYANG Li-shan, TU Peng-fei, HU Zhong-dong	(92)
Analysis of Crucial Transcription Factors of Berberine Against Cerebral Ischemia Based on Transcriptomics and Proteomics	
ZHOU Rui, GAO Jin-huan, GUO Fei-fei, ZHANG Yi, ZHANG Jing-jing, YANG Hong-jun	(100)
Regulatory Effect of Quyu Huatan Tongmai Prescription on Intestinal Microflora in Golden Hamster with Hyperlipidemia	
MIAO Lan, PENG Qing, SUN Ming-qian, ZHANG Ye-hao, ZHANG Ying, REN Chang-ying, LIU Jian-xun, LIN Li	(109)
Effect of Huazhuo Jiedu Huoxue Tongluo Prescription on Brain-gut Axis of Rats with Cerebral Ischemia-reperfusion Injury Based on 16S rRNA Sequencing of Intestinal Flora	
HUO Rui-qing, ZHAO Min-han, LI Fang-zhao, HAN Yu-fan, SUN Kuo, TIAN Jun-biao	(121)
Effect and Mechanism of "Liver-soothing and Spleen-invigorating" Therapies Against Liver Injury in Rats: An Exploration Based on TGR5 and Intestinal Mucosal Barrier Function	
WEI Wei-li, GAO Yi-ning, SHI Xing-hua, ZHENG Zhi-li, KANG Qian-jun, DENG Xiu-lan	(131)
Proteomics Analysis of Mechanism of Shenxiong Glucose Injection in Antagonizing H₂O₂-Induced Oxidative Damage in H9c2 Cells	
LU Ding-yan, WU Zhong-xiu, SUN Jia, LU Yuan, WANG Yong-lin, LI Yong-jun, ZHENG Lin, LIU Ting	(141)

Clinical Efficacy of Modified Sanxiaoyin in Treatment of Mild or Moderate COVID-19 Patients: Based on Retrospective Analysis	
LUO Zhi-hui, WANG Kun-xiu, ZHANG Yan-lin, CHEN Zi-qin, CHEN Bei, CHEN Jia, ZHOU Ting, GU Xiao-lei, LI Chong-li, YAN Peng, TIAN Ling-ling, XU Chi-cheng, CHEN Bo-lin, CHEN Song, QI Qing	(150)
Serum Metabonomics Analysis of Diarrhea Mice Intervened by Zingiberis Rhizoma Recens Based on UPLC-QE-Orbitrap-MS	
XUAN Jing, LIU Yan, ZHANG Yong-qing	(157)
Isolation and Identification of Chemical Constituents in Seeds of <i>Sophora tonkinensis</i>	
ZOU Ji-bin, ZHANG Peng, AN Qiao, JIANG Yang-ming, XIA Yu, HU Zhan-xing, HAO Xiao-jiang	(165)
Mechanism of Aconiti Kusnezoffii Radix Processed with Chebulae Fructus Against H9c2 Cardiomyocyte Toxicity Based on TRPV1 Channel	
HAN Shu, BAO Li-yuan, LIU Kai-yang, HAN Xi-tao, TANG Ya-nan, LIU Zi-qin, WANG Hong-yue, FAN Ang-ran, LI Fei, DU Hong	(173)
Location Analysis of Volatile Oil in Angelicae Sinensis Radix by Frozen Section and Fluorescence Imaging	
CHEN Yu-ying, ZHANG Yong-mei, WANG Sheng-yan, RAN He-liang, TIAN Xi-qing, LI Qian, QIU Dai-yu	(182)
Automated Framework and Visualization-based Analysis of Concept Evolution of Spleen and Stomach Diseases and Syndromes in Traditional Chinese Medicine	
QIAN Jia-nan, KANG Yan-lan, ZHAO Ai-guang, HU Hong-yi	(189)
Mechanism of Orcinol Glucoside in Treatment of Osteoporosis: An Exploration Based on Network Pharmacology and <i>in Vitro</i> Validation	
LIU Xia, HUANG Ming-chun, ZHANG Xiao-qiong, LI Jie, ZHANG Mei	(197)
Mechanism of <i>Arnebia euchroma</i> Against Melanoma: An Exploration Based on Network Pharmacology and Experimental Verification	
KANG Ying-ying, BAO Hai-yan, LI Min, XU Fang, YANG Ying, CHEN Ling, PU Yi-ping, QIAN Qian, LI Jian-guang	(204)
Views on Key Technical Problems in Research and Development of Famous Classical Formulas	
WANG Zhi-min, LIU Ju-yan, WANG De-qin, LI Chun, YAN Li-hua, LIU Xiao-qian, FENG Wei-hong, GAO Hui-min, TONG Yan, ZHU Jing-jing, KUANG Yan-hui, CHEN Liang-mian ...	(212)
Mechanism of Zhigancao Tang Against Coronary Heart Disease: An Exploration Based on Thought of "Four in One"	
XIA Ming-yue, CUI Xiang-ning, SI Guo-min, PENG Min, LI Wen-wen	(218)
Mechanism of Chinese Herbal Compounds Capable of Invigorating Qi and Activating Blood in Intervention of Hematogenous Metastasis of Malignant Tumors: A Review	
ZHOU Piao, DU Quan-yu, WANG Fei	(226)
Animal Models of Gastric Ulcer Based on Characteristics of Clinical Symptoms in Traditional Chinese and Western Medicine: A Review	
ZHU Hong, ZHANG Jin, HUANG Sheng-nan, MIAO Ming-san	(234)
Parkinson's Disease in Traditional Chinese and Western Medicine: A Review	
WANG Jia-bin, SHEN Xiao-ming, MA Yun-zhi, SU Chao-yang, BIAN Song-bo	(241)

Responsible editor: LIU De-wen

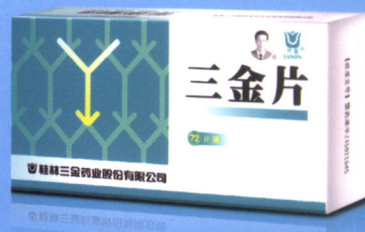


三金牌三金片

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

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