

实用医学杂志

THE JOURNAL OF PRACTICAL MEDICINE

110 | 八年八月

第二十四卷

第十五期

Volume 34 Number 15 August 2018

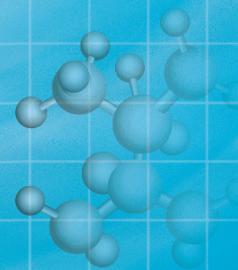


半月刊  
ISSN 1006-5725  
CN 44-1193/R

The Journal of Practical Medicine

# 实用医学杂志<sup>®</sup>

SHIYONG YIXUE ZAZHI



百种中国杰出学术期刊  
第二、三、四届中国精品科技期刊  
综合性医药卫生类核心期刊（中文核心期刊）  
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  
第五、六届广东省精品科技期刊  
美国《化学文摘》（CA）收录期刊  
WHO西太平洋地区医学索引收录期刊  
Google学术统计指标之100种中文热门期刊



15>

9 771006 572181

2018年8月 第34卷

— 第 15 期 —



# 实用医学杂志<sup>®</sup>

THE JOURNAL OF PRACTICAL MEDICINE

半月刊 1972年创刊 第34卷 第15期 2018年8月10日出版



杂志微信



杂志官网

**主管** 广东省卫生和计划生育委员会

**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 常务副主任** 吴淑金

**出版** 《实用医学杂志》编辑部  
**网上投稿及查询** <http://www.syxzz.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

### 专题报道:辅助生殖

- 囊胚质量对冻融胚胎移植临床结局的影响及囊胚移植选择策略 ..... 李明颖, 马艳萍, 高梦莹, 邓波, 邓莲, 相立峰, 李永刚 (2453)
- 不同次数体外受精-胚胎移植治疗输卵管阻塞性不孕患者影响因素的对比研究 ..... 马兰, 桂琦, 陈静思, 宋家美 (2457)
- 辅助生殖中精子获能时间对精子质量参数的影响 ..... 梁嘉颖, 郑毅春, 李子涛, 汪李虎, 刘风华 (2462)
- 高龄妇女冻融周期胚胎移植策略的选择 ..... 刘杰, 郑洁, 雷亚兰, 文晓凤, 夏敏, 孙虹 (2467)
- 辅助生殖技术双胎与自然妊娠双胎妊娠结局比较 ..... 赵敏, 汤彪, 杜晓红 (2471)
- G6PD 缺乏女性患者行体外受精-胚胎移植结局分析 ..... 赵琴, 蔡桂丰, 阮永铭, 曾伟荣 (2475)

### 临床新进展

- 调节性 B 细胞与自身免疫性疾病关系的研究进展 ..... 贾一琼, 朱光发 (2478)
- 3D 打印技术在先天性心脏病个性化诊治中的应用 ..... 董柱, 刘莹, 曹一秋, 王晓武 (2481)

### 基础研究

- 干扰素诱导跨膜蛋白 3 诱导上皮细胞间质转化促进肝癌侵袭转移 ..... 闵家祺, 邬林泉 (2485)
- miRNA 452-5P 及 miRNA 215-5P 在结直肠癌中的表达及意义 ..... 李雪, 彭亚诗, 舒密, 南琼 (2491)
- H19/miR-29b/LOX 影响胶质瘤细胞侵袭能力的体外研究 ..... 李城, 李昌熙, 王大新, 戴燕, 金世光 (2496)

### 实验研究

- 神经调节因子 1 对老年 C57BL/6J 小鼠听皮层的保护作用 ..... 杨振栋, 张云美, 于亚峰 (2501)



## 家兔尸斑吸光度与死亡时间的关系

马远斌,胡丙杰(2505)

## 临床研究

NADPH氧化酶p22phox亚基C242T基因多态性与中国朝鲜族2型糖尿病患者下肢

动脉硬化的相关性

金光明,朴莲善(2510)

衰弱对老年心力衰竭患者预后的影响

卓裕丰,段跃兴,郑栋,伍金雷,程颖,黄冰生,林桂雄,吴钰燕,冯燕玲,张鹏(2514)

压控反比通气对胸腔镜手术患者单肺通气时呼吸功能的影响

黄威,叶靖,秦再生(2518)

干槽症与拔牙方式的关联性:一种医源性、急性、震荡压缩性骨挫伤

许竞(2522)

杂合肾脏替代治疗脓毒症合并急性肾损伤3期患者的疗效

李旭,阿丽娅,梁彦平,刘加明(2527)

伴MLL基因异常白血病的检测及其临床意义

王振华,戴莉,王莉红,梁赜隐,刘微,许蔚林,孙玉华,欧晋平,邱志祥,岑溪南,  
董玉君,任汉云(2533)

物理振动排石辅助下输尿管软镜治疗复杂性输尿管上段结石

张胜威,赵兴华,王友志,许长宝(2537)

超声引导腹横肌平面阻滞对无张力疝修补术后患者疼痛及生存质量的影响

牟俊英,赵博,袁泉,王雅枫,刘恋,夏中元(2541)

一侧小脑发作间期低代谢在癫痫术前评估中的定侧价值

高曲文,黎振声,王欣璐,林健,郭晓绯,欧阳习,齐自娟,彭凯润,王伟(2544)

百色市HIV/AIDS患者配偶HIV感染变化趋势及影响因素分析

陈坚,廖建英,农慧桃,梁旭(2548)

髓源性抑制细胞在免疫性血小板减少性紫癜中的临床意义

凌奕文,张复华,赵莹,陈焯文(2552)

白细胞介素-17在急性呼吸窘迫综合征患者外周血中的表达及意义

丁琦,黄建安(2556)

主观全面评估营养筛查对结肠癌术后并发症的预测

刘力婕,武雪亮,王玉佳,郭飞,屈明,薛军(2560)

D-二聚体对子痫前期患者产后出血的预测价值

甄妙平,张民乐,张淑芬(2564)

腰方肌阻滞在剖宫产术后镇痛的效果评估

余高峰,金尚怡,李会仁,汪自欣(2567)

腮腺良性肿瘤切除术中耳大神经后支的保留及临床意义

张强,谭艳林,陈凯瑞,刘秀飘,熊博凯,危由春,邱嘉旋(2571)

达芬奇机器人直肠癌根治术中纳米碳示踪剂的应用价值

郭雄波,黄彬,刘宝华,李春穴,叶景旺(2575)

早期穿刺人工血管在血液透析血管通路中的临床应用

黄德绪,胡波,李佛兰,尹良红(2579)





## 药物与临床

### 右美托咪定对剖宫产术后恶心呕吐的影响

..... 张西龙, 韩勇, 乘翰林, 冯子铭, 屠伟峰, 贾济(2583)

### 单次亚麻醉剂量氯胺酮对下颌角截骨术患者术后早期情绪反应的影响

..... 汪婷婷, 陈开文, 李建华, 胡惠英, 李斌(2587)

### 鼻内给予右美托咪定对气管插管患者眼内压及血流动力学的影响

..... 杜雪芳, 赵阳, 陈蕾, 樊跃伟, 郭琼梅(2590)

## 医学检查与临床诊断

### 耐碳青霉烯类鲍曼不动杆菌的耐药机制

..... 闫玲, 顾兵, 张丽, 马萍(2594)

### 血管回声跟踪技术评价类风湿关节炎患者的颈动脉粥样硬化发生的相关性

..... 郭迎春, 孟令茜, 高志云, 马星, 刘文瑞, 杨漪, 彭肖(2600)

### 尖锐湿疣患者人乳头瘤病毒分型定量结果分析及临床意义

..... 梁娇, 温淑娟, 蔡贞(2604)

## 临床护理

### 不同体位对重型颅脑损伤患者气管切开术后吸痰效果的影响

..... 曾惠莉, 曾志生, 曾静(2608)

## 综述

### 核呼吸因子-1在心脏疾病的相关研究进展

..... 侯维娜, 王瑞鹃(2612)

### 右美托咪定对脊髓缺血再灌注损伤保护作用的研究进展

..... 刘娇, 张双霜, 樊晓娜, 胡霁(2614)

### 氢气对心肌缺血再灌注损伤的保护作用

..... 李淑英, 李慧, 倪娟(2618)

## 临床经验

### 经皮肾镜碎石术后肾迟发性大出血致肾动脉栓塞的临床分析

..... 王彦, 赵伟, 张杨, 黄辉, 钟天才, 何涛(2622)

### 术中诱发电位及微血管多普勒监测预防前循环脑动脉瘤夹闭术后继发性脑梗死的意义

..... 张德鑫, 郁林春, 宋启民, 于建军, 孙爱刚, 孟凡国, 李冰(2624)

### 小儿输尿管管腔内息肉的临床诊断特点及治疗方案

..... 杨金龙, 周云, 耿红全, 林厚维, 谢华(2626)

## 病例报告

### 罕见横断移位骶骨骨折1例

..... 叶国柱, 刘文刚, 卢超, 吴淮(2628)

### 以胸腔积液为首发表现的心脏梭形细胞肉瘤1例

..... 姜波, 姜鲁宁, 张秀莲, 李钊, 程曼曼, 张友文(2630)

## 读者·作者·编者

### 《让人文照亮医学》书讯

..... (2484)

### 《实用医学杂志》诚征审稿专家

..... 本刊编辑部(2509)

本期责任编辑 袁宁





# THE JOURNAL OF PRACTICAL MEDICINE

Semimonthly Established in 1972 Volume 34 Number 15, August 10, 2018

## Responsible Institution

Health and Family Planning  
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  
Tel: 0086-20-81866302  
Fax: 0086-20-81866302, 81840509  
81872080, 81922330  
E-mail: syxz@syxz.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

### Feature Reports: Assisted Reproduction

Effect of blastocyst quality on clinical results of frozen-thawed embryo transfer and strategy of blastocyst transfer  
..... LI Mingying, MA Yanping, GAO Mengying, DENG Bo, DENG Lian, XIANG Lifeng, LI Yonggang (2453)

Comparative study on the influencing factors of different times of *in vitro* fertilization embryo transfer in the treatment of oviduct obstructive infertility  
..... MA Lan, GUI Qi, CHEN Jingsi, SONG Jiamei (2457)

Effect of the incubating time following semen optimization on semen parameters  
..... LIANG Jiaying, ZHENG Yichun, LI Zitao, WANG Lihu, LIU Fenghua (2462)

Suitable embryo transfer strategy for females with advanced age in frozen embryo cycle  
..... LIU Jie, ZHENG Jie, LEI Yalan, WEN Xiaofeng, XIA Min, SUN Hong (2467)

Clinical outcome comparison between twin pregnancy after *in vitro* fertilization and embryo transfer and intracytoplasmic sperm injection and spontaneous twin pregnancy  
..... ZHAO Min, TANG Biao, DU Xiaohong (2471)

Effect of G6PD deficiency in female patients on the outcome of *in vitro* fertilization and embryo transfer  
..... ZHAO Qin, CAI Guifeng, RUAN Yongming, ZENG Weirong (2475)

### Clinical Advances

Research progress on the relationship between regulatory B cells and autoimmune diseases  
..... JIA Yiqiong, ZHU Guangfa (2478)

3D printing technology in the diagnosis and treatment of congenital heart disease  
..... DONG Zhu, LIU Ying, CAO Yiqiu, WANG Xiaowu (2481)

### Basic Research

Interferon-induced transmembrane protein 3 promotes the invasion and metastasis in hepatocellular carcinoma by inducing epithelial-mesenchymal transition  
..... MIN Jiaqi, WU Linquan (2485)



- Expression of miRNA 452-5P and miRNA 215-5P in colorectal cancer and their clinical significance ..... LI Xue, PENG Yashi, SHU Mi, NAN Qiong (2491)
- In vitro* study of influence of H19/miR-29b/LOX on invasion ability of glioma cancer cells ..... LI Cheng, LI Changxi, WANG Daxin, DAI Yan, JIN Shiguang (2496)

### Experimental Research

- Effects of neuregulin-1 on auditory cortex in aged C57BL/6J mice ..... YANG Zhendong, ZHANG Yunmei, YU Yafeng (2501)
- Relationship between light absorption of the rabbit skin hypostasis and postmortem interval ..... MA Yuanbin, HU Bingjie (2505)

### Clinical Research

- Association between NADPH oxidase subunit p22phox gene C242T polymorphism and lower limb arteriosclerosis in type 2 diabetic patients ..... JIN Guangming, PIAO Lianshan (2510)
- Influence of frailty on prognosis of elderly patients with chronic heart failure ..... ZHUO Yufeng, DUAN Yuexing, ZHENG Dong, WU Jinlei, CHENG Ying, HUANG Bingsheng, LIN Guixiong, WU Yuyan, FENG Yanling, ZHANG Peng (2514)
- Effect of pressure-controlled inverse ratio ventilation on pulmonary function during one-lung ventilation in patients undergoing thoracoscopic surgery ..... HUANG Wei, YE Jing, QING Zaisheng (2518)
- The correlation between dry socket and manner of tooth extraction: an iatrogenic, acute, concussive and compressive bone contusion ..... XU Jing (2522)
- Therapeutic efficacy of hybrid renal replacement therapy for sepsis patients with acute kidney injury stage 3 ..... LI Xu, A Liya, LIANG Yanping, LIU Jiaming (2527)
- Detection and clinical significance of leukemia with MLL gene abnormalities ..... WANG Zhenhua, JI Li, WANG Lihong, LIANG Zeyin, LIU Wei, XU Weilin, SUN Yuhua, OU Jinping, QIU Zhixiang, CEN Xinan, DONG Yujun, REN Hanyun (2533)
- Application of retrograde intrarenal surgery assisted by external physical vibration lithotripsy for complex upper ureteral calculi ..... ZHANG Shengwei, ZHAO Xinghua, WANG Youzhi, XU Changbao (2537)
- Effect of ultrasound-guided transversus abdominis plane block on postoperative pain and quality of life of patients after tension-free hernioplasty ..... MOU Junying, ZHAO Bo, YUAN Quan, WANG Yafeng, LIU Lian, XIA Zhongyuan (2541)
- The lateralization value of interictal cerebellar hypometabolism in epileptic presurgical assessment ..... GAO Quwen, LI Zhensheng, WANG Xinlu, LIN Jian, GUO Xiaofei, OUYANG Xi, QI Zijuan, PENG Kairun, WANG Wei (2544)
- Change trend and influence factors of HIV infection among the spouses of HIV/AIDS patients in Baise ..... CHEN Jian, LIAO Jianying, NONG Huitao, LIANG Xu (2548)



- The clinical significance of myeloid-derived suppressor cells in immune thrombocytopenic purpura ..... LING Yiwén, ZHANG Fuhua, ZHAO Ying, CHEN Zhuowen (2552)
- Expression and clinical significance of IL-17 in peripheral blood of ARDS patients ..... DING qi, HUANG jianan (2556)
- Predictive value of scored patient-generated subjective global assessment for postoperative complications of colorectal cancer ..... LIU Lijie, WU Xueliang, WANG Yujia, GUO Fei, QU Ming, XUE Jun (2560)
- Prediction value of D two dimer for postpartum hemorrhage in patients with preeclampsia ..... ZHEN Miaoping, ZHANG Minle, ZHANG Shufen (2564)
- Ultrasound-guided quadratus lumborum block versus local infiltration for postoperative pain after lower segmental Cesarean section ..... YU Gaofeng, JIN Shangyi, LI Huiren, WANG Zixin (2567)
- Preservation of posterior branch of great auricular nerve at parotidectomy and its clinical significance ..... ZHANG Qiang, TAN Yanlin, CHEN Kairui, LIU Xiupiao, XIONG Bokai, WEI Youchun, QIU Jiaxuan (2571)
- The application of carbon nanoparticles in da Vinci total mesorectal excision ..... GUO Xiongbo, HUANG Bin, LIU Baohua, LI Chunxue, YE Jinwang (2575)
- Short-term clinical study of the early cannulation graft for prosthetic vascular access for hemodialysis ..... HUANG Deyu, HU Bo, LI Folan, YIN Lianghong (2579)

## Drugs and Clinic Practice

- Effects of dexmedetomidine on postoperative nausea and vomiting in patients undergoing cesarean delivery ..... ZHANG Xilong, HAN Yong, LUAN Hanlin, FENG Ziming, TU Weifeng, JIA Ji (2583)
- Effect of a single sub-anesthetic dose of ketamine on early emotion of patients having undertaken mandibular angle ostectomy ..... WANG Tingting, CHEN Kaiwen, LI Jianhua, HU Huiying, LI Bin (2587)
- Effect of intranasal administration of dexmedetomidine on tracheal intubation patients with IOP changes and the changes of hemodynamics ..... DU Xuefang, ZHAO Yang, CHEN Lei, FAN Yuwei, GUO Qiongmei (2590)

## Medical Examination and Clinical Diagnosis

- Resistance mechanism of clinically isolated carbapenem-resistant Acinetobacter baumannii ..... YAN Ling, GU Bing, ZHANG Li, MA Ping (2594)
- Evaluation of carotid atherosclerosis in patients with rheumatoid arthritis by echo tracking technique ..... GUO Yingchun, MENG Lingqian, GAO Zhiyun, MA Xing, LIU Wenrui, YANG Yi, PENG Xiao (2600)
- The clinical significance of human papillomavirus quantification and genotyping in patient with condyloma acuminatum ..... LIANG Jiao, WEN Shujuan, CAI Zhen (2604)

## Clinical Nursing

- Effect of different positions on suction of patients with severe craniocerebral injury after tracheotomy ..... ZENG Huili, ZENG Zhisheng, ZENG Jing (2608)

