

# 海南医学

HAINAN MEDICAL JOURNAL

半月刊 1973年创刊 第27卷 第7期 2016年4月10日出版

**主管**  
海南省卫生和计划生育委员会

**主办**  
海南省医学会

**编辑出版**  
《海南医学》杂志社  
地址:海南省海口市海府路69号  
艺苑大厦702室  
邮编:570203  
电话:(0898) 65381895 65392410  
传真:(0898) 65346014  
本刊网站:www.hainanyixue.cn  
E-mail:hnyx@vip.163.com  
http://HAIN.chinajournal.net.cn

**社长**  
蔡敏

**主编**  
蔡敏(兼)

**常务副主编**  
黄才胜

**印刷**  
海南鑫汇亚印务有限公司

**国内发行**  
海南省邮政局  
邮发代号:84-1

**国外发行**  
中国出版对外贸易总公司  
(北京782信箱100011)  
代号:6449M

**广告许可证**  
琼工商广字049

**定价**  
每期15.00元,全年360.00元

**中国标准连续出版物号**  
ISSN 1003-6350  
CN 46-1025/R

2016年版权归《海南医学》杂志社所有  
本刊刊出的所有文章不代表本刊编辑委员会的观点,除非特别声明。如有印装质量问题,请与本刊编辑部联系调换。

## 目次

### 论 著

- 可降解输尿管支架材料的特性研究  
..... 王鹏超,肖树伟,符伟军,王忠新,洪宝发,张旭(1033)
- 蛙血清小分子肽对大鼠脑缺血再灌注细胞凋亡的影响  
..... 陈博,谢琳(1036)
- Galectin-9对卵巢癌细胞侵袭转移的影响  
..... 潘丽英,黄福海,钟雪花(1039)
- 外周血淋巴细胞染色体核型分析在男性染色体异常诊断中的作用  
..... 邹畅,梁灼健,林秀华,赵鑫,何慧燕,刘利平,戴勇(1042)
- 海南地区不孕人群HBV感染对体外受精-胚胎移植结局的影响  
..... 周立花,符免艾,李娟(1044)
- 一种新型结核分枝杆菌检测方法的研究  
... 黄国清,蔡长争,何树泉,胡波,邹艳波,蔡芬兰,舒少为(1048)
- 组织S100A1 mRNA和Snail mRNA检测在卵巢疾病中的应用  
..... 刘亚红,孙蓓(1051)
- 血清HE4、CA125联合检测对子宫内膜癌的诊断价值  
..... 陈燕娥,吴学明,陈绵(1054)
- 妊娠期肝内胆汁淤积症外周血IL-12及TNF- $\alpha$ 检测的临床意义  
..... 向华,张笃华,易宇凌,刘小生(1057)
- ABO溶血病与G6PD缺乏症致足月新生儿高胆红素血症临床特点比较  
..... 李小明,邢凯慧,庄太平,陈彩华(1060)
- 脂肪肝患者血清C3、C5、ASP、BF的表达及其与脂质代谢紊乱的相关性研究  
..... 李国裕,谢治华,李文朗(1062)
- 妊娠期亚临床甲状腺功能减退症与妊娠结局的相关性  
..... 翟华丽,沈建军,杨瑞利,王飞霞(1065)

- 妊娠妇女不同孕周的外周血雌二醇动态水平分析 ..... 唐超人, 韩宇春, 马双凤, 徐远霞, 韦云慧(1067)
- 妊娠期糖尿病孕妇血浆及脐血 Betatrophin 水平的变化及临床意义 ..... 王国华, 刘亚琼, 杨夫艳, 金钧(1070)
- 替吉奥联合康艾注射液治疗晚期非小细胞肺癌的疗效与安全性 ..... 杨君, 郭晓辉, 汪力慧(1073)
- 血清一氧化氮、N端脑利钠肽前体和降钙素原与慢性阻塞性肺疾病严重程度的相关性研究  
..... 田强, 沈云峰, 张洪波(1077)
- 化疗相关性高血糖对急性淋巴细胞白血病患者生存状况的影响 ..... 王良妥, 张湘兰, 司徒健瑜, 黄远颖(1080)
- 脑出血危重患者术后肺部感染的病原菌构成及耐药性分析 ..... 陈志斌, 黄祐鸿, 宋海鹏, 黄小珍(1082)
- 初始应用拉米夫定和阿德福韦酯联合抗病毒治疗乙型肝炎肝硬化失代偿期临床研究  
..... 钟少龙, 石协桐, 黄秀娜(1085)
- 有氧踏车锻炼对H型高血压患者血管内皮功能的影响 ..... 米力亚·吾布力, 帕提古力·苏力坦, 胡育英(1088)
- 高血压患者不良生活习惯与心血管疾病死亡和全因死亡风险关系的研究 ..... 王晟, 占达良(1090)
- 经伤椎单侧置钉并椎体内植骨短节段内固定治疗胸腰椎骨折疗效观察  
..... 徐剑锋, 谢学义, 李金生, 吉赵勇, 米铁鹰, 丁东胜, 陈钊鹏(1093)
- 经椎小关节内侧缘入路靶点穿刺行射频热凝毁损术治疗顽固性椎间盘源性腰痛的效果  
..... 周日兴, 李应德, 兰宇(1096)
- 改良 R.E.N.A.L. 肾肿瘤评分系统的临床应用价值 ..... 徐建兵, 康新立, 王为服, 王飞(1099)
- CSI 监测在肾移植手术麻醉中的应用 ..... 杨孟昌, 李鹏, 蒋蓉, 温开兰, 牟玲(1102)
- 晚期早产儿近期呼吸系统并发症高危因素分析 ..... 周宏, 陶珂, 李星云(1105)
- 实时组织弹性成像肝纤维化指数在慢性乙型肝炎患者中的应用价值  
..... 李开林, 农华斌, 冯霞, 江堤, 黄小平, 吴向东, 方北(1108)
- 高血压脑白质疏松患者降压治疗中血压与脑白质疏松的MRI相关性研究  
..... 易建生, 高永友, 阮锦荣, 朱玉红, 梁旭满, 冯晓燕, 彭永军(1111)
- 腰椎峡部裂的CT重建技术诊断价值及其病因探讨 ..... 弥龙, 李小华, 涂蓉, 刘旭东, 伍保忠(1114)
- 声晕及血管分布对脂肪肝局灶性脂肪缺失与肝脏恶性病变鉴别的价值  
..... 刘光清, 吴嗣泽, 崔晓菁, 梁娴, 柏雪菲(1117)

## 综 述

- 信号转导分子与支气管哮喘气道炎症 ..... 梁小波, 李国平(1120)
- 心肾综合症的发病机制及治疗进展 ..... 沈孝镇, 王萍(1124)
- 慢性心力衰竭与正常甲状腺功能病态综合征的相关性研究进展 ..... 张韵娇, 艾力曼·马合木提(1126)
- 机体免疫功能与脓毒症关系的研究进展 ..... 王首江, 邢柏(1129)
- 面神经缺损修复研究进展 ..... 蒋章亮, 陈伟明, 谢事成(1132)
- 小分子RNA-9对上皮细胞钙黏蛋白表达调控的研究进展 ..... 肖建华, 董自强, 游艳(1135)
- E-cadherin 和 $\beta$ -catenin 与胸腺瘤侵袭性的相关性研究进展 ..... 黄波, 谈顺(1138)

## 临床经验

- 不同干预措施对社区慢性阻塞性肺疾病患者生存质量的影响  
..... 崔明明, 黄颖, 刘紫凝, 李绵莎, 蓝登科, 张熹煜, 何德平, 宁莉力, 莫灿辉, 李慧丽, 邱先英(1142)

心电图 avR 导联 ST 段改变对急性心肌梗死患者预后的判断价值 ..... 陆娟,谭兴普,冯砚瑜,陈永清(1145)

康复新液联合美沙拉嗪治疗溃疡性结肠炎疗效观察 ... 韩志宏,托静美,王燕平,李云龙,高宏静,魏占芳(1147)

腹腔镜联合胆道镜治疗胆囊畸形临床观察 ..... 张绍茂,冉江林(1150)

多发伤患者腹部闭合伤的诊断与手术时机探讨 ..... 刘维政(1152)

引流管放置深度对慢性硬膜下血肿引流效果的影响 ..... 王兵,廖勇仕,梁日初,王涛(1154)

德莫林敷贴处理开放性骨折术后残留创面疗效观察 ..... 何春辉,陈晔(1156)

经口内镜下肌切开术治疗贲门失弛缓症疗效观察 ..... 沈秀云,周平红,刘鹏飞,郁心圃(1158)

关节镜清理术结合玻璃酸钠及中药导入治疗老年膝关节骨性关节炎疗效观察... 谢行思,罗佩强,吴兴源(1160)

腹腔镜下子宫腺肌瘤单纯病灶切除术 120 例临床分析 ..... 陈坤,赵颖,赖桂萍(1163)

消旋卡多曲联合西咪替丁治疗小儿轮状病毒肠炎疗效观察 ..... 甘盛兴,林鸿胜,赵春妹(1165)

肺炎支原体感染所致小儿喘息的临床特征 ..... 谢克开,关健强,曾纪赞(1167)

小儿心电图 T 波改变的原因及其临床意义 ..... 李雯,李宜富,李富强,高妙品(1169)

核型为 45,X/46,XY 的 Turner 综合征六例分析 ..... 董红,王琴,欧阳颖,梁立阳,孟哲(1172)

微创经皮钢板内固定技术联合 PHILOS 系统治疗肱骨近端骨质疏松骨折疗效观察 ..... 王建年,雷俊琦(1175)

## 调查研究

胰岛素治疗对老年糖尿病患者生活质量的 ..... 何江,曾红英,邱丹(1177)

## 经验交流

区域性消毒供应中心标准租赁器械包的优化与应用 ..... 薛琼霞,滕智君,邹小英(1180)

乙肝两对半定量、乙肝 DNA 定量与乙肝前 S1 抗原联合检测的临床意义 ..... 王碧玉,黄燕妮(1182)

消毒供应中心实行社会化服务模式探讨 ..... 马秀苗,戴布民,俞诗娃(1184)

## 短篇报道

小脑蚓部少突胶质细胞瘤一例并文献复习 ..... 于正涛,史克珊,夏鹰,曹作为(1186)

不典型主动脉夹层并发急性心肌梗死一例 ..... 彭超,王朝富,陈德荣,徐佐厅(1188)

成人双侧输尿管囊肿并右侧囊内结石一例并文献复习 ..... 石松山,赵先诚,田闯,陈泰安,吴凯(1190)

疑似皮炎的面部难辨认癣一例 ..... 杨扬,宋勋,汪青良(1192)

## 护 理

急性心肌梗死接受不同再灌注治疗患者用药依从性分析  
..... 张立强,宗文仓,周树军,王云梅,孔令军,姜志刚(1193)

心理护理干预对艾滋病患者负性情绪和服药依从性的影响 ..... 李玉华,孙盈红,张宏伟(1195)

预防跌倒细节护理对神经内科老年患者发生意外骨折的影响 ..... 甘艳军,刘云宏(1197)

两种型号静脉留置针在新生儿输液中的应用 ..... 王虹,梁明娟,邱秀银(1199)

疼痛护理干预对心脏手术患者术后疼痛和护理满意度的影响 ..... 王丹心,韩健美,王丽娜(1201)

预约服务在门诊输液管理中的应用 ..... 尹银定,谢素嫦,岑瑛群(1203)

# HAINAN MEDICAL JOURNAL

Semimonthly Established in 1973 Vol. 27 No. 7 Apr. 2016

## Responsible Institution

Health and Family Planning Commission  
of Hainan Province

## Sponsor

Hainan Provincial Medical Association

## Editing & Publishing

Editorial Board of Hainan Medical Journal  
Room 702, Yiyuan Building, No.69 Haifu  
Rd, Haikou 570203, Hainan, P.R. CHINA  
Tel: (0898) 65381895 65392410  
Fax: (0898) 65346014  
Website: www.hainanyixue.cn  
E-mail: hnyx@vip.163.com  
http://HAIN.chinajournal.net.cn

## President

CAI Min

## Editor-in-chief

CAI Min

## Executive Associate Editor-in-chief

HUANG Cai-sheng

## Printing

Hainan Xin Hui Ya Printing Co., Ltd.

## Domestic Distributor

Post Bureau of Hainan Province  
Distribution Code: 84-1

## Overseas Distributor

China National Publishing Industry  
Trading Corporation (P.O. Box 782,  
Beijing 100011, China)  
Distribution Code: BM8624

## Ad. License Permit

Qiong Gongshang Guangzi 049

## Subscription Price

RMB 15.00 Yuan per copy  
RMB 360.00 Yuan per year

## CSSN

ISSN 1003-6350  
CN 46-1025/R

## Copyright © 2016 by Editorial Board of Hainan Medical Journal

All the articles published do not reflect the  
official policy of the Editorial Board, unless  
clearly specified. Please contact the Editori-  
al Office for printing problems.

## Main Contents

### Characterization of biodegradable ureteral scaffold material as drug carrier

... WANG Peng-chao, XIAO Shu-wei, FU Wei-jun, WANG Zhong-xin, HONG Bao-fa, ZHANG Xu (1033)

### Effects of frog serum small molecular peptide on apoptosis in rats with cerebral ischemia reperfusion injury

..... CHEN Bo, XIE Lin (1036)

### Effect of Galectin-9 on invasion and metastasis of ovarian cancer cells SKOV3

..... PAN Li-ying, HUANG Fu-hai, ZHONG Xue-hua (1039)

### Roles of chromosomal karyotype analysis of peripheral blood lymphocytes in the diagnosis of male sex chromosome abnormalities

... ZOU Chang, LIANG Zhuo-jian, LIN Xiu-hua, ZHAO Xin, HE Hui-yan, LIU Li-ping, DAI Yong (1042)

### Impact of HBV infection on the outcomes of *in vitro* fertilization and embryo transfer in Hainan province

..... ZHOU Li-hua, FU Mian-ai, LI Juan (1044)

### A novel detection method for *Mycobacterium tuberculosis*

..... HUANG Guo-qing, CAI Chang-zheng,  
HE Shu-quan, HU Bo, WU Yan-bo, CAI Fen-lan, SHU Shao-wei (1048)

### Application of detecting S100A1 mRNA and Snail mRNA in tissues in the patients with ovarian diseases

..... LIU Ya-hong, SUN Bei (1051)

### Clinical value of combined detection of HE4, CA125 in application of endometrial carcinoma

..... CHEN Yan-e, WU Xue-ming, CHEN Mian (1054)

### Clinical value of the detection of serum IL-12 and TNF- $\alpha$ in patients with intrahepatic cholestasis of pregnancy

..... XIANG Hua, ZHANG Du-hua, YI Yu-ling, LIU Xiao-sheng (1057)

### Clinical characteristics of hyperbilirubinemia caused by ABO hemolytic disease and G6PD deficiency in full-term newborns

..... LI Xiao-ming, XING Kai-hui, ZHUANG Tai-ping, CHEN Cai-hua (1060)

### Serum C3, C5, ASP and BF expression in patients with fatty liver disorder and their correlation with lipid metabolic disorder

..... LI Guo-yu, XIE Zhi-hua, LI Wen-lang (1062)

### Analysis of the relationship between subclinical hypothyroidism in pregnancy and pregnancy outcome

..... ZHAI Hua-li, SHEN Jian-jun, YANG Rui-li, WANG Fei-xia (1065)

### Analysis of the dynamic level of estradiol in the peripheral blood of pregnant women with different gestational weeks

..... TANG Chao-ren, HAN Yu-chun, MA Shuang-feng, XU Yuan-xia, WEI Yun-hui (1067)

### Changes and clinical significance of Betatrophin level in plasma and cord blood in pregnant women with gestational diabetes mellitus

..... WANG Guo-hua, LIU Ya-qiong, YANG Fu-yan, JIN Jun (1070)

### Efficacy and safety of S-1 combined with Kang'ai injection in the treatment of advanced non-small cell lung cancer

..... YANG Jun, GUO Xiao-hui, WANG Li-hui (1073)

### Correlation of NO, NT-proBNP and PCT in serum with the severity of chronic obstructive pulmonary disease

..... TIAN Qiang, SHEN Yun-feng, ZHANG Hong-bo (1077)

### Effect of chemotherapy-associated hyperglycemia on the survival of patients with acute lymphoblastic leukemia

..... WANG Liang-tuo, ZHANG Xiang-lan, SITU Jian-yu, HUANG Yuan-yin (1080)

### Composition of pathogenic bacteria and drug resistance analysis of pulmonary infection in critically ill patients with cerebral hemorrhage

..... CHEN Zhi-bin, HUANG Hu-hong, SONG Hai-peng, HUANG Xiao-zhen (1082)

### Clinical study of initial application of lamivudine combined with adefovir dipivoxil for antiviral treatment of hepatitis B in decompensated liver cirrhosis

..... ZHONG Shao-long, SHI Xie-tong, HUANG Xiu-na (1085)

### Influence of treadmill aerobic exercise on vascular endothelial function in patients with H-type hypertension

..... Miliya·Wubuli, Pattiguli·Sulitan, HU Yu-ying (1088)

### Relationship between bad habits and the death of cardiovascular disease and all-cause death risk in patients with essential hypertension

..... WANG Sheng, ZHAN Da-liang (1090)

### Effect of unilateral pedicle screw fixation combined with bone graft in the treatment of thoracolumbar fractures

..... XU Jian-feng, XIE Xue-yi, LI Jin-sheng, JI Zhao-yong, MI Tie-ying,  
DING Dong-sheng, CHEN Zhao-peng (1093)

### Clinical effect and security of radiofrequency ablation through internal edge of vertebral facet joint in the treatment of intractable discogenic low back pain

..... ZHOU Ri-xing, LI Ying-de, LAN Yu (1096)

### Clinical application value of the modified R.E.N.A.L. nephrometry scoring system

..... XU Jian-bing, KANG Xin-li, WANG Wei-fu, WANG Fei (1099)

### Application of CSI monitoring in renal transplantation surgery

..... YANG Meng-chang, LI Peng, JIANG Rong, WEN Kai-lan, MOU Ling (1102)

### Analysis on risk factors of early respiratory complications in late preterm infants

..... ZHOU Hong, TAO Ke, LI Xing-yun (1105)

### Diagnostic performance of real-time tissue elastography in patients with chronic hepatitis B

..... LI Kai-lin, NONG hua-bin, FENG Xia, JIANG Di, HUANG Xiao-ping,  
WU Xiang-dong, FANG Bei (1108)

### Correlation between blood pressure and MR image of leukoaraiosis in the antihypertensive treatment of patients with hypertension and leukoaraiosis

..... YI Jian-sheng, GAO Yong-you,  
RUAN Jin-rong, ZHU Yu-hong, LIANG Xu-man, FENG Xiao-yan, PENG Yong-jun (1111)

### Value of CT reconstruction technology in the diagnosis of lumbar spondylolysis and the etiology of the disease

..... MI Long, LI Xiao-hua, TU Rong, LIU Xu-dong, WU Bao-zhong (1114)

### Role of acoustic halo sign and vasculature in differential diagnosis between focal fatty sparing and liver malignancies

..... LIU Guang-qing, WU Si-ze, CUI Xiao-jing, LIANG Xian, BAI Xue-fei (1117)