

# 信息

SHINVA 新华医疗

## INTEGRATED SOLUTIONS

### 感染控制七大系统 解决方案

新华医疗感控事业部始终致力于为医院和医疗机构提供系统的解决方案，作为医院感染控制系统方案解决专家，到目前已完成 5000 多家医院及医疗机构的消毒供应中心的设计和改造，并率先开发完成了消毒供应中心对清洗消毒、灭菌等全过程的质量追溯 & 信息管理系统。

新华医疗有强大的设计、制造、施工能力及属地化服务网络，能够满足各个地区、各级医院的感染控制系统工程需要。



[www.shinva.net](http://www.shinva.net)



山东新华医疗器械股份有限公司

地址：淄博市周村区新华大道 2009 号 邮编：255300

电话：0533-3584911 3591209 传真：0533-3584409

E-mail: [xinhua0101@shinva.com](mailto:xinhua0101@shinva.com) Web: [www.shinva.net](http://www.shinva.net)

ISSN 1006-6586



万方数据

◎ 审评与监管

- 1 金标类体外诊断试剂在设计开发过程中的常见问题及浅析之二 戴清 张绍千 张苏琳 吴猛 吴浩 张莉莉
- 3 外周动脉支架不良事件分析及监测对策研究进展 余超 徐玉茗 李穗 罗培 詹杨
- 5 电子血压计生产使用情况的调研分析与思考 宋杏芳 闫舒 刘莹 裴丹 孙骏 卜蓉蓉

◎ 标准与检测

- 8 《数字化摄影X射线机专用技术条件》的检测与新旧对比 黄克磊 孙嘉伟 徐晓斌
- 10 浅谈便携式X射线机的检测方法 金野 王博
- 12 X射线光谱技术在医疗器械不锈钢材料检测中的应用 虞崇庆 马骏 王龙浩 张莉 余晓芬 蔡磊 周均

◎ 研究报告

- 15 如何积极推进高端创新医疗器械发展 史新立 田佳鑫 骆达峰 刘威
- 19 利用BD FACSAria III 二次分选法纯化低比例细胞群体的流式细胞技术 户乃丽 徐晓雪 邹林樾 赵君朋
- 22 热湿交换器湿化效果的差异显著性检验 黄军辉 张赛君 余晓芬 钱文文
- 23 一种内镜附件多功能放置架的设计研究及实用价值 何小芳 林飞宁 史瑜媛
- 25 一种新型杀菌器的杀菌效果和皮肤刺激研究 高强 李俊录 庄起龙 范世博 陈熙宇 王黛依
- 28 一种牙科用骨粉预混加压充填器 林海 冉秋池 龙盛荣 吴时旺 熊芊宁 徐静雷 黄妙 郭竹玲

◎ 综述

- 30 信息化智能终端在医院诊疗服务中的作用 王东明
- 33 关于医学超声基础在检验检测领域的应用价值研究 何珊珊 金野
- 35 心房内心电图技术定位新生儿PICC导管尖端位置的研究进展 朱丽波 胡雪 许艳花
- 38 电视胸腔镜在胸外伤诊治中的研究进展 张永民
- 41 腹腔镜在阑尾手术中的应用进展研究 李国
- 42 宫腔良恶性病变的诊断方法及宫腔镜的应用进展 祖旭
- 44 基层医院检验科器械的安全防护的研究综述 孙丽丽

◎ 临床应用

- 46 超声成像技术在研究早期静脉张力变化与下肢静脉血栓形成关系中的应用价值 宋丽媛
- 48 DR与多层螺旋CT在胸腹部创伤类型评估的价值比较 程庆华 侯璐
- 50 3.0T MRI延迟增强对肺癌脑转移的诊断价值 苏丽清 肖友平 林生发 郑德春 陈英 鲍道亮 陈晓丹 祝巧英 陈韵彬
- 53 肩关节“Y”位片的投照方法及临床价值 张俊辉
- 55 慢性脑缺血与急性脑梗死颈动脉超声特点观察 王思宇
- 57 彩色多普勒超声对颈椎病椎动脉供血不足的诊断效果分析 李兴杰
- 59 彩色多普勒超声在甲状腺结节良恶性鉴别中的应用 沈洪波
- 61 早期乳腺癌前哨淋巴结的超声造影定量分析 洪春天 颜永濠
- 63 超声造影对不典型肝海绵状血管瘤的诊断价值 杨璐璐
- 65 彩超在老年肝囊肿诊断中的效果 魏夏 鞠涛
- 67 腔内二维与三维超声对子宫内膜息肉检出率及与声像图特征研究 熊友秀
- 70 孕前优生超声检查结果分析及临床应用研究 李子健

中国学术期刊综合评价数据库(CAJCED)统计源期刊  
中国期刊全文数据库(CJFD)全文收录期刊  
中国核心期刊(遴选)数据库收录期刊  
中文科技期刊数据库收录期刊  
中文生物医学期刊数据库(CMCC)收录期刊

主管单位: 国家药品监督管理局  
主办单位: 中国医疗器械行业协会

编辑委员会(名单以音序排列, 不分先后):

蔡国方 曹厚德 程述森 段会龙 樊瑜波  
范晓东 范志宁 方全 冯麟增 高润霖  
高上凯 龚启勇 龚士明 顾汉卿 顾力翔  
何雨生 胡逸民 姜峰 姜玉新 江朝光  
焦海川 刘道志 刘志成 陆祖宏 牛凤岐  
彭承琳 任彭业 陶祖莱 王威琪 吴祈耀  
吴新民 奚廷斐 谢松城 徐波 徐庐生  
徐研倍 许伟 杨国忠 姚志修 俞梦孙  
俞森洋 鄯盛恺 周丹 张元亭 庄天戈

社长兼总编辑: 范晓东  
副主编: 鲁超 陈太博 张福勇  
副社长: 李浩东

编辑部主任: 赵姝娜  
编辑: 贾彩芳 刘颖 吕聪  
美术编辑: 刘文庆  
第一编辑室:  
电话: 86-10-65499312  
投稿: tougao@camdi.org  
第二编辑室:  
电话: 86-10-88956588  
投稿: ylxzz@126.com

媒体部主任: 段鹏飞  
副主任及发行: 宋高峰  
客服: 陈晓晖  
电话: 86-10-85659328  
订阅: songgf@camdi.org

- 72 妊娠中期应用超声量化评分预测非整倍体染色体异常的价值分析 高金梅 关云萍
- 75 彩超诊断前置胎盘并发胎盘植入的价值分析 阎函
- 77 经阴道彩色多普勒超声诊断宫外孕的临床效果 王倩如
- 79 输尿管结石的二维彩色多普勒超声诊断及临床价值研究 杨煜 邓迎红
- 81 观察彩超在输尿管中段结石诊断中的效果 李翠翠
- 82 彩色多普勒超声与D-二聚体诊断下肢深静脉血栓的价值 郭秋红 李思雪 刘文君 杨晴
- 85 腹部超声检查在健康体检中的运用 张含
- 87 老年患者胸部手术后重症监护常规机械通气的治疗效果探索 孙远鹏
- 89 无创呼吸机治疗慢阻肺急性加重的临床应用研究 李阳生
- 90 鼻塞式持续气道正压通气对新生儿窒息患者动脉血气及Apgar评分的影响研究 叶鹏
- 91 不同胃管固定法对急诊昏迷患者非计划拔管的影响 沙丹
- 93 腹腔镜D2根治术联合淋巴结清扫治疗135例进展期胃癌患者的临床疗效及预后评估效果 冯鹏才 杨金煜 唐明杰 赵克昌 田丰源
- 96 腹腔镜疝修补术治疗腹股沟疝的应用价值体会 姜光明
- 98 内镜下球囊扩张术治疗贲门失弛缓症的近期及中远期临床效果 周旭
- 100 腹腔镜手术对子宫内异位症的治疗效果分析 王琳
- 103 射频消融对冠心病冠状动脉支架植入术后伴频发室性早搏患者左心室的影响观察 李博
- 105 不同心脏起搏器植入方式在缓慢型心律失常治疗中的效果对比 时景文 孙礼玲 刘子龙 胡著涛 周伟 张富源 周方 邹鑫
- 108 超短波治疗仪加超声雾化对小儿支原体肺炎的治疗作用研究 侯阳
- 109 超声介入治疗妇科恶性肿瘤术后出现的盆腔淋巴囊肿的疗效探究 姜福生
- 112 精准医学图像融合配准技术在肿瘤放射治疗中的应用研究 于馨
- 115 巧用输尿管抓捕解决因输尿管开口进镜困难的临床应用及原因分析 李鹏 刘龙斌 林文 刘文强
- 116 负压封闭引流技术在足踝部皮瓣手术中的应用效果 李华峰
- 118 人工关节置换术治疗股骨颈骨折的疗效及并发症发生率影响分析 刘冰
- 120 重复经颅磁刺激治疗首发抑郁症疗效观察 赵成龙 高剑峰 门阔
- 122 经皮穴位电刺激联合康复疗法治疗膝关节骨性关节炎的疗效观察 胡闯 唐孟军 汤志宏
- 124 飞秒激光个性化准分子手术治疗近视患者的临床效果评价 刘丹
- 126 半导体激光辅助重度慢性牙周炎牙周非手术治疗的临床研究 史冬梅 胡颖
- 128 研讨预成纤维桩在口腔修复中的临床效果 刘晔
- 130 对比一次性根管治疗术、常规根管治疗术对根尖周炎患者的治疗效果 石玉
- 133 儿童乳牙急性牙髓炎应用一次性根管治疗的临床疗效观察 朱丽颖
- 135 低温等离子扁桃体部分切除术与全切除术治疗小儿OSAHS的对照研究 洪志聪 骆献阳 陈爱民 姜元芹
- 138 碳13呼气检测在幽门螺杆菌感染中的诊断价值 余红梅
- 140 全自动血型分析仪在血型鉴定中的应用探讨 黄丽平
- 142 干生化仪与水剂生化仪检测血糖和尿素氮的对比研究 吕幸福
- 144 血糖信息化管理模式下智能型血糖仪在2型糖尿病患者中的应用 李翠存 杨雅兰 黄霖 曾锦辉
- 147 罗氏cobas 702全自动生化分析仪血清指数在生化检测中的应用探索 田爽
- 149 全自动生化分析仪与血气分析仪测定新生儿电解质的对比研究 林银花

## 设备管理

- 151 高值医用耗材带量采购的基本模式和影响分析 孟琳
- 154 探讨医院科研用试剂耗材采购与管理的方法及对策 刘金岩 廖东明
- 156 条码技术在高值医用耗材管理中的应用 王根洪
- 159 射频识别系统对医用耗材的管理与应用研究 王士锋
- 162 全程质量控制消毒供应中心器械清洗消毒质量控制中的应用效果 袁秀芳
- 164 标准化流程在消毒供应中心医疗器械消毒灭菌中的应用效果及对合格率、满意度的影响 林灵
- 166 品管圈活动降低复用手术器械到期发生率的效果研究 罗桂元 张友芳 廖淑芬 陈柳云
- 169 品管圈活动在提高神经外科手术器械准备完善率中的应用分析 兰莹莹
- 172 无缝隙护理管理在骨科外来器械管理中的应用价值 许俊
- 174 呼吸机流量传感器原理分析 南智懿
- 176 呼吸机常见故障处理及预防性维护 田静
- 179 血透治疗中设备报警在线应急处理的风险控制与配套教学软件研发 王历历
- 181 GAMBRO AK200系列血液透析机故障维修三例 张志华 冯定
- 184 药物熏蒸设备在临床使用中的故障风险分析 邵帅 尹建兵

出版:《中国医疗器械信息》杂志社  
出版日期:2020年11月15日

印刷:天津市永盈印刷有限公司  
发行:北京市邮局  
全国统一刊号:CN11-3700/R  
邮发代号:82-256  
广告经营许可证:京朝工商广登字20170238号  
广告代理:华医康健文化传媒(北京)有限公司

《中国医疗器械信息》杂志社  
地址:北京市朝阳区东三环中路39号  
建外SOHO18号楼1101室  
邮编:100022  
传真:86-10-59000038  
网址:www.cmdin.cn

期刊基本参数:  
CN11-3700/R\*1995\*s\*16\*192\*zh\*p\*18.00\*50000\*24\*2020-21



官方微信公众平台

本刊文章内容及观点并不代表本刊立场;本刊所有广告内容及产品资料均由客户提供,并由其承担宣传内容的真实性。所有作者文图作品须保证原创且为首次发表,如出现版权问题,由作者负责,与本刊无关。

本刊所有内容的纸质及网络版权均由中国医疗器械信息©所有,未经本杂志社书面同意不得转载。

**Evaluation and Supervision**

- 1 Common Problems and Analysis of Colloidal Gold in Vitro Diagnostic Reagents in the Process of Design and Development  
 DAI Qing ZHANG Shao-qian ZHANG Su-lin WU Meng WU Hao ZHANG Li-li
- 3 The Analysis of Adverse Events of Peripheral Artery Stent and Monitor Measures  
 YU Chao XU Yu-ming LI Sui LUO Pei ZHAN Yang
- 5 Investigation and Analysis on the Use and Production of Electronic Sphygmomanometer  
 SONG Xing-fang YAN Shu LIU Ying PEI Dan SUN Jun  
 BIAN Rong-rong

**Standard and Testing**

- 8 Inspection of "Particular Specifications for Digital X-ray Radiography System" and Comparison Between the Old and the New  
 HUANG Ke-lei SUN Jin-wei XU Xiao-bin
- 10 Discussion on the Testing Method of Portable X-Ray Machine  
 JIN Ye WANG Bo
- 12 Application of X-Ray Fluorescence Spectroscopy in Stainless Steel Material Testing of Medical Devices  
 YU Chong-qing MA Jun  
 WANG Long-hao ZHANG Li YU Xiao-fen CAI Lei ZHOU Jun

**Research Report**

- 15 How to Actively Promote the Development of High-End Innovative Medical Devices  
 SHI Xin-li TIAN Jia-xin LUO Qing-feng LIU Wei
- 19 Flow Cytometry for Purification of Low Proportion Cell Population by BD FACSAria III Secondary Separation  
 HUI Nai-li XU Xiao-xue  
 ZOU Lin-yue ZHAO Jun-peng
- 22 Significance Test of Difference for Humidification Effect of HME  
 HUANG Jun-hui ZHANG Sai-jun YU Xiao-fen QIAN Wen-wen
- 23 Design, Research and Practical Value of a Multifunctional Placement Frame for Endoscope Accessories  
 HE Xiao-fang LIN Fei-ning SHI Yu-yuan
- 25 Study on the Sterilization Effect and Skin Irritation of A New Type of Sterilizer  
 GAO Qiang LI Jun-lu ZHUANG Qi-long FAN Shi-bo CHEN Xi-yu WANG Dai-yi
- 28 A Premixed Pressurized Filling Device for Dental Bone Powder  
 LIN Hai RAN Qiu-chi LONG Sheng-rong WU Shi-wang XIONG Qian-ning XU Jing-lei  
 HUANG Miao GUO Zhu-ling

**Review**

- 30 The Role of Information Intelligent Terminal in Hospital Diagnosis and Treatment Service  
 WANG Dong-ming
- 33 Research on the Application Value of Medical Ultrasound Foundation in the Field of Inspection and Testing  
 HE Shan-shan JIN Ye
- 35 A Review on Electrocardiogram Located Peripherally Inserted Central Catheter Tip Placement in Neonates  
 ZHU Li-bo HU Xue XU Yan-hua
- 38 Research Progress of Video-Assisted Thoracoscopy in the Diagnosis and Treatment of Thoracic Trauma  
 ZHANG Yong-min
- 41 Research Progress of Laparoscopy in Appendix Surgery  
 LI Guo
- 42 The Diagnosis Method of Uterine Cavity Benign and Malignant Lesions and the Application Progress of Hysteroscope  
 ZU Xu
- 44 Review of the Research on Safety Protection of Laboratory Equipment in Primary Hospitals  
 SUN Li-li

**Clinical Application**

- 46 The Value of Ultrasound Imaging in the Study of the Relationship Between Early Venous Tone Changes and Venous Thrombosis in Lower Limbs  
 SONG Li-yuan
- 48 Comparison of the Value of DR and Multi-Slice Spiral CT in Evaluating the Types of Thoracic and Abdominal Trauma  
 CHENG Qing-hua HOU Jun
- 50 The Diagnostic Value of Delayed Contrast Enhanced at 3.0T MRI in Brain Metastasis of Lung Cancer  
 SU Li-qing XIAO You-ping  
 LIN Sheng-fa ZHENG De-chun CHEN Ying BAO Dao-liang CHEN Xiao-dan ZHU Qiao-ying CHEN Yun-bin
- 53 Projection Method and Clinical Value of "Y" Slice of Shoulder Joint  
 ZHANG Jun-hui
- 55 The Characteristics of Carotid Ultrasound in Chronic Cerebral Ischemia and Acute Cerebral Infarction  
 WANG Si-yu
- 57 Analysis of the Effect of Color Doppler Ultrasound in the Diagnosis of Vertebral Artery Insufficiency in Cervical Spondylosis  
 LI Xing-jie
- 59 The Application of CDU in the Differentiation of Benign and Malignant Thyroid Nodules  
 SHEN Hong-bo
- 61 Quantitative Analysis of Sentinel Lymph Nodes in Early Breast Cancer by Contrast-Enhanced Ultrasound  
 HONG Chun-tian YAN Yong-hao
- 63 Diagnostic Value of Contrast-Enhanced Ultrasonography in Atypical Hepatic Cavernous Hemangioma  
 YANG Lu-lu
- 65 The Effect of Color Doppler Ultrasonography in the Diagnosis of Hepatic Cyst in the Elderly  
 WEI Xia JU Tao
- 67 Study on the Detection Rate and Sonographic Features of Endometrial Polyps in Two-Dimensional and Three-Dimensional Ultrasound  
 XIONG You-xiu
- 70 Analysis of the Results of Prenatal Ultrasound Examination and Clinical Application Study  
 LI Zi-jian
- 72 Analysis of the Value of Ultrasound Quantitative Scores in Predicting Chromosomal Abnormalities of Aneuploidy During the Second Trimester  
 GAO Jin-mei GUAN Yun-ping
- 75 Color Ultrasound Diagnosis of Placenta Previa Complicated with Placenta Implantation Value Analysis  
 YAN Han

Responsible Institution:

National Medical Products Administration

Sponsored by:

China Association for Medical Devices Industry

Editorial Committee:

CAI Guo-fang, CAO Hou-de, CHENG Shu-sen,  
 DUAN Hui-long, FAN Yu-bo, FAN Xiao-dong,  
 FAN Zhi-ning, FANG Quan, FENG Lin-zeng,  
 GAO Run-lin, GAO Shang-kai, GONG Qi-yong,  
 GONG Shi-ming, GU Han-qing, GU Li-xu,  
 HE Yu-sheng, HU Yi-min, JIANG Feng,  
 JIANG Yu-xin, JIANG Chao-guang, JIAO Hai-chuan,  
 LIU Dao-zhi, LIU Zhi-cheng, LU Zu-hong,  
 NIU Feng-qi, PENG Cheng-lin, REN Peng-ye,  
 TAO Zu-lai, WANG Wei-qi, WU Qi-yao,  
 WU Xin-min, XI Ting-fei, XIE Song-cheng,  
 XU Bo, XU Lu-sheng, XU Yan-ruo, XU Wei,  
 YANG Guo-zhong, YAO Zhi-xiu, YU Meng-sun,  
 YU Sen-yang, YAN Sheng-kai, ZHOU Dan,  
 ZHANG Yuan-ting, ZHUANG Tian-ge

President and Editor in Chief: FAN Xiao-dong

Associate Editor:

LU Chao, CHEN Tai-bo, ZHANG Fu-yong

Vice President: LI Hao-dong

Director of Editing Department: ZHAO Shu-na

Editor: JIA Cai-fang, LIU Ying, LV Cong

Art Editor: LIU Wen-qing

First Editing Room:

Tel: 86-10-65499312

Contribute: tougao@camdi.org

Second Editing Room:

Tel: 86-10-88956588

Contribute: ylxqxxxx@126.com

Director of Media Department: DUAN Peng-fei

Deputy Director of Media Department:

SONG Gao-feng

Customer Service & Circulation:

CHEN Xiao-hui

Tel: 86-10-85659328

Subscribe: songgf@camdi.org



- 77 Clinical Effect of Transvaginal Color Doppler Ultrasound in the Diagnosis of Ectopic Pregnancy WANG Qian-ru
- 79 Diagnosis and Clinical Value of Two-Dimensional Color Doppler Ultrasound for Ureteral Calculi YANG Yu DENG Ying-hong
- 81 To Observe the Effect of Color Doppler Ultrasound in the Diagnosis of Middle Ureteral Calculi LI Cui-cui
- 82 Value of Color Ultrasound and D-2 Polymer in Diagnosing Deep Venous Thrombosis of Lower Extremity GUO Qiu-hong LI Si-xue  
LIU Wen-jun YANG Qing
- 85 Application of Abdominal Ultrasonography in Health Examination ZHANG Han
- 87 Treatment Effect of Conventional Mechanical Ventilation in Intensive Care After Chest Surgery in Elderly Patients SUN Yuan-peng
- 89 Clinical Application of Non-Invasive Ventilator in the Treatment of Acute Exacerbation of COPD LI Yong-sheng
- 90 Effect of Nasal Continuous Positive Airway Pressure Ventilation on Arterial Blood Gas and Apgar Score in Patients with Neonatal Asphyxia YE Peng
- 91 Study on the Effect of Different Gastric Tube Fixation on Unplanned Extubation in Patients with Emergency Coma SHA Dan
- 93 Clinical Efficacy and Prognostic Evaluation of Laparoscopic D2 Radical Resection Combined with Lymph Node Dissection in 135 Patients with Advanced Gastric Cancer FENG Peng-cai YANG Jin-yu TANG Ming-ji ZHAO Ke-chang TIAN Fen-yuan
- 96 Experience in the Application of Laparoscopic Hernia Repair in the Treatment of Inguinal Hernia JIANG Xian-ming
- 98 The Short-Term and Long-Term Effects of Endoscopic Balloon Dilatation in the Treatment of Achalasia ZHOU Xu
- 100 Analysis of the Effect of Laparoscopic Surgery on Endometriosis WANG Lin
- 103 Effect of Radiofrequency Ablation on Left Ventricle in Patients with Frequent Ventricular Premature Beat After Coronary Stent Implantation LI Bo
- 105 Comparison of Different Pacemaker Implantation Methods in the Treatment of Bradyarrhythmias SHI Jing-wen SUN Li-ling LIU Zi-long  
HU Zhu-tao ZHOU Wei ZHANG Fu-yuan ZHOU Fang ZOU Xin
- 108 Study on the Therapeutic Effect of Ultrashort Wave Therapeutic Instrument and Ultrasonic Atomization on Mycoplasma Pneumonia in Children HOU Yang
- 109 Exploration of the Therapeutic Effect of Ultrasound Intervention on Pelvic Lymphatic Cysts After Gynecological Malignant Tumors JIANG Fu-sheng
- 112 Application Research of Benchmark Medical Image Fusion Registration Technology in Tumor Radiotherapy YU Xin
- 115 Clinical Application and Cause Analysis of Clever Use of Ureteral Grasping Forceps to Solve the Difficulty of Entering the Endoscope Due to Ureteral Opening LI Peng LIU Long-bin LIN Wen LIU Wen-qiang
- 116 Application Effect of Vacuum Closed Drainage Technique in the Operation of Ankle and Foot Flap LI Hua-feng
- 118 Analysis of the Effect of Artificial Joint Replacement on Femoral neck Fracture and the Incidence of Complications LIU Bing
- 120 Observation on the Efficacy of Repeated Transcranial Magnetic Stimulation in the Treatment of Primary Depression ZHAO Cheng-long  
GAO Jian-feng MEN Ge
- 122 The Curative Effect of the Treatment of Knee Osteoarthritis by the Combination of Percutaneous Acupoint Electric Stimulation and Rehabilitation Therapy HU Chuang TANG Meng-jun TANG Zhi-hong
- 124 Clinical Evaluation of Femtosecond Laser Individualized Excimer Surgery in Patients with Myopia LIU Dan
- 126 The Clinical Study of Non-Surgical Treatment of Severe Chronic Periodontitis with Semiconductor Laser SHI Dong-mei HU Ying
- 128 To Discuss the Clinical Effect of Prefabricated Fiber Post in Oral Repair LIU Ye
- 130 The Curative Effect of Single Root Canal Therapy and Conventional Root Canal Therapy on Periapical Periodontitis was Compared SHI Yu
- 133 Observation of the Clinical Effect of One-Time Root Canal Treatment on Acute Pulpitis of Deciduous Teeth in Children ZHU Li-ying
- 135 A Comparative Study of Low Temperature Plasma Tonsillectomy and Total Resection for OSAS in Children HONG Zhi-cong  
LIU Xian-yang CHEN Ai-min JIANG Yuan-qin
- 138 The Diagnostic Value of Carbon 13 Breath Test in Helicobacter Pylori Infection YU Hong-mei
- 140 Discussion on the Application of Automatic Blood Group Analyzer in Blood Group Identification HUANG Li-ping
- 142 A Comparative Study on the Detection of Blood Glucose and Urea Nitrogen by Dry Biochemical Instrument and Water Biochemical Instrument LV Xing-fu
- 144 Application of Intelligent Blood Glucose Meter in Type 2 Diabetes Patients Under Blood Glucose Information Management Mode LI Cui-cui YANG Ye-jan HUANG Lin ZENG Jun-hui
- 147 Application of Serum Index of Roche Cobas 702 Automatic Biochemical Analyzer in Biochemical Detection TIAN Shuang
- 149 A Comparative Study on the Determination of Neonatal Electrolytes by Automatic Biochemical Analyzer and Blood Gas Analyzer LIN Yin-hua

## Equipment Management

- 151 Basic Model and Impact Analysis of High Value Consumable Centralized Purchasing MENG Lin
- 154 Discussion on the Methods and Countermeasures of Purchasing and Management of Reagents and Consumables for Scientific Research in Hospital LIU Jin-yuan LIAO Dong-ming
- 156 Application of Barcode Technology in Management of High Value Medical Consumables WANG Gen-hong
- 159 Study the Application of Radio Frequency Identification on the Management of Medical Consumables WANG Shi-feng
- 162 Application Effect of Whole-Process Quality Control in the Quality Control of Equipment Cleaning and Disinfection in Disinfection Supply Center YUAN Xiu-fang
- 164 The Application Effect of Standardized Process in the Disinfection and Sterilization of Medical Equipment in the Disinfection Supply Center and Its Influence on the Qualification Rate and Satisfaction LIN Ling
- 166 Effect of QC Circle Activities on Reducing the Expiry Rate of Multiple Surgical Instruments LUO Gui-yuan ZHANG You-fang LIAO Shu-fen  
CHEN Liu-yun
- 169 Analysis of the Application of Quality Control Circle Activities in Improving the Preparation Rate of Neurosurgery Instruments LAN Ying-ying
- 172 Application Value of Seamless Nursing Management in External Instruments Management of Orthopedics XU Jun
- 174 Principle Analysis of Ventilator Flow Sensor NAN Zhi-yi
- 176 Treatment Solutions of Common Faults and Preventive Maintenance of Ventilators TIAN Jing
- 179 Risk Control and Supporting Teaching Software Development for Online Emergency Treatment of Equipment Alarms in Hemodialysis Treatment WANG Li-li
- 181 Three Cases of Troubleshooting for Gambro AK-200 Series Hemodialysis Machine ZHANG Zhi-hua FENG Ding
- 184 Failure Risk Analysis of Medical Fumigation Equipment in Clinical Use SHAO Shuai YIN Jian-bing

Published by:  
China Medical Device Information Magazine Agency  
Publish Date: November 15, 2020

Printed by:  
Tianjin Yongying Printing Co., Ltd.  
Distribution:  
Beijing Post Offices, PRC  
National Periodical Number: CN11-3700/R  
P.O. License: 82-256  
Ad License: Beijing Chaoyang 20170238  
Advertising Agency:  
Huayi Kangjian Culture Media (Beijing) Co., Ltd.

China Medical Device Information Magazine Agency  
Add: Room 1101, BLK 18 SOHO, 39 East Third Ring  
Road, Chaoyang District, Beijing, 100022  
Fax: 86-10-59000038  
Http://www.cmdin.cn

Serial parameters: ISSN1006-6586\*CN11-3700/R\*1995  
\*s\*16\*168\*zb\*p\*18.00\*50000\*24\*2020-21



WeChat Subscription