

原《国际病理科学与临床杂志》



# 临床与病理杂志

Journal of Clinical and Pathological Research

2022年1月 第42卷 第1期

Volume 42, Number 1 January 2022

临床与病理杂志

二〇二二年一月

第四十二卷

第一期



万方数据



中南大学出版社  
www.csupress.com.cn

# 临床与病理杂志

LINCHUANG YU BINGLI ZAZHI

月刊 1981年创刊 第42卷 第1期

2022年1月28日出版

## 主管

中华人民共和国教育部

## 主办

中南大学

## 编辑

《临床与病理杂志》编辑部

长沙市湘雅路110号中南大学湘雅医学院  
75号信箱

邮编: 410078

Email: lcbl@amegroups.com

网址: <https://lcbl.csu.edu.cn>

## 出版

中南大学出版社有限责任公司

## 主编

周胜华 季加孚

## 副主编

陈方平 陈国强 贺智敏 彭敏宁

唐朝枢 肖志强

## 印刷

湖南鑫成印刷有限公司

## 发行

国内: 湖南省报刊发行局

国外: 中国国际图书贸易总公司

(北京 399 信箱, 100044)

## 邮发代号

国内: 42-35

国外: BM6564

## 邮购

《临床与病理杂志》编辑部

长沙市湘雅路110号中南大学湘雅医学院  
75号信箱

邮编: 410078

## 国内定价

每期 60 元 (全年 720 元)

## 广告经营许可证号

4301004000077

## 中国标准连续出版物号

ISSN 2095-6959

CN 43-1521/R

2022 年版权归本刊所有

## 目次

### 国际临床与病理专栏

- 1 Low levels of vitamin D in population exposed to significant pollution  
Richter Josef, Vetvicka Vaclav, Richterova Stanislava

### 论著

- 9 沙利度胺对白血病细胞 NKG2D 配体表达及 NK 细胞杀伤敏感性的影响  
邓黎黎, 张岩, 张壮苗, 梅瑜, 颜榕辛, 罗伟, 李洪芳
- 15 脐带间充质干细胞对 CoCrMo 磨损微粒诱导的小鼠颅骨溶解的影响  
王帅, 邓展涛, 马元琛, 郑秋坚
- 26 脑啡肽和褪黑素对失血性休克心肌细胞 RIPK3 表达的影响  
高雅, 刘伟, 李璐, 董敬之, 刘睿, 彭细娟, 姚立农
- 33 HBV-DNA 载量水平与血清学标志物分组模式及前 S1 抗原的关系  
沙启明
- 39 长链非编码 RNA IGFBP4-1 在鼻咽癌中的表达及临床意义  
张余良, 邓国庆, 刘木舟, 周安燕
- 46 CKD 3~5 期患者血脂水平特点及其与肾功能指标的关系  
刘会红
- 53 血清视黄醇结合蛋白与维持性血液透析终末期肾病患者心血管事件的关系  
林蓉宇, 陈文
- 59 RhE 阴性受者输注同型与非同型血的短期免疫功能变化  
吕建春, 梁晓峰
- 65 阿糖胞苷联合氟达拉滨治疗对异基因造血干细胞移植患者预后的影响及预后影响因素  
卢丹, 胡艳, 袁韵

- 73 常规放疗与调强放射治疗对中晚期宫颈癌患者复发率及转移率的影响  
杜银萍, 贾雪梅
- 81 母乳喂养对比配方奶喂养对足月新生儿组织血氧饱和度、血红蛋白浓度指数及肠道菌群的影响  
唐玉玲, 杨洁, 金依华
- 88 电刺激生物反馈对产后盆底功能障碍患者盆底肌力、盆底肌电位及 MMP-2、TIMP-2、TGF- $\beta$ 1 水平的影响  
曾小丹, 李常虹, 张春雨
- 96 持续腰大池引流对高血压脑出血术后脑脊液神经元特异性烯醇化酶、S100B 水平及神经功能、预后的影响  
张金森, 陈果, 郑炼
- 103 PNF 拉伸训练联合 Bobath 握手训练对脑卒中偏瘫患者神经功能及上肢运动功能的影响  
欧非, 苏东升, 陈艳, 张力
- 110 彩色多普勒超声对颈动脉狭窄支架成形术疗效及术后残余狭窄的评估价值  
蔡杜娟, 包继开
- 117 右美托咪定联合舒芬太尼自控静脉镇痛对行老年直肠癌根治术的患者术后镇痛效果、炎症反应和早期恢复的影响  
林志琼, 杨丽萍, 刘珊珊, 涂永久, 张露含, 胡宏强
- 124 No-touch 射频消融术治疗小肝癌的效果  
崔虎啸, 侯森, 王耀东, 王芳杰, 张建松, 时永
- 131 超声弹性成像面积比值法在甲状腺结节良恶性诊断中的应用  
张硕, 王淑文, 郭学敏, 徐虹, 王燕翔, 张霞, 杨莉
- 137 呼吸重症患者严重脓毒症合并急性心肌梗死的临床特点  
王佳佳, 郭圆圆, 宁卫卫, 朱晔涵, 黄建安, 雷伟
- 144 慢性阻塞性肺疾病急性加重期患者肺功能及血清细胞因子水平变化及其与吸烟、体重指数的相关性  
沈少静, 陈庆芸
- 151 稳定期慢性阻塞性肺疾病频繁急性加重的影响因素及其与血清 SFRP1、PGRN 水平的相关性  
沈美兰, 王贤君, 李纯香, 黄奕荣, 邱潮锋
- 159 不同肺保护性通气策略对肺切除术中通气和术后肺部并发症的影响  
陈志阳, 孙丽, 刘伟, 魏顺民, 仇庆亚, 孙绪德
- 166 基于 FMEA 模式的康复护理对支气管哮喘急性发作患者的疗效  
徐洁, 李晓明, 王欣
- 172 改良置管方式对单孔胸腔镜术后引流管口愈合及引流效果的比较  
刘丹, 徐宁, 朱峰, 王路, 郭华, 马冬春
- 179 虚拟现实技术在小儿静脉留置中的应用  
邹璨, 金善良, 余桂芳
- 184 个体化术后护理在口腔癌手术患者中的应用疗效  
端莉梅, 景建龙
- 190 基于信息 - 动机 - 行为技巧理念的心理弹性支持及护理在产后抑郁患者中的应用  
吴静, 冯莉, 马丰清, 李想

## 综 述

- 196 SPAG6 的功能及其在肿瘤中作用的研究进展  
牟佼, 罗洁, 袁鹏, 刘林

- 203 长链非编码 RNA 在结直肠癌诊断及预后中的研究进展  
霍超, 方学红, 蒋代顺, 刘义
- 209 HOTAIR 在卵巢上皮性癌中的作用机制研究进展  
夏继珍, 刘鑫, 柳英兰
- 215 TRIM 家族在宫颈癌中的研究进展  
蔡园杰, 万晓琪, 王艳
- 220 心肌纤维化发病机制及治疗的研究进展  
洪子, 杨巍
- 226 单核细胞与高密度脂蛋白比值在心血管疾病中的研究进展  
王一波, 栾天竹
- 232 Kisspeptin 在高泌乳素血症诱导的下丘脑 - 垂体 - 性腺轴功能受抑中的潜在作用  
李振, 钟历勇
- 239 右美托咪定经鼻使用在麻醉中的研究进展  
谢翠玉, 陆姚
- 245 斑点追踪成像技术评估非瓣膜性房颤左心耳血栓形成的研究进展  
李腾, 韩薇
- 250 孤独谱系障碍营养补充治疗的研究进展  
范瑜瑶, 仰曙芬

## 临床病例讨论

- 257 胰腺错构瘤 1 例组织病理学诊断及文献复习  
沈恬, 王彬, 王劲松, 罗曼, 赵有财, 黄文斌

## 消息

- 238 本刊常用词汇英文缩写表(按英文字母排序)
- 256 更正声明

## Responsible Institution

Ministry of Education  
P. R. China

## Sponsor

Central South University

## Editor-in-Chief

ZHOU Shenghua  
JI Jiafu

## Editing

Editorial Office of *Journal of Clinical and Pathological Research*  
P.O. Box 75  
110 Xiangya Road  
Xiangya School of Medicine  
Changsha Hunan 410078  
P. R. China

## Publication

Central South University Press Co., Ltd.

## Printer

Hunan Xincheng Printing Co., Ltd

## Distributor

Domestic: Local Post Office  
Overseas: China International Book  
Trading Corporation  
(P.O. Box 399, Beijing, China)

## Mail-Order

Editorial Office of *Journal of Clinical and Pathological Research*

## Price

China ¥720/year

## CSSN

ISSN 2095-6959  
CN 43-1521/R

## CONTENTS

### International Clinical and Pathological Column

#### 1 Low levels of vitamin D in population exposed to significant pollution

*Richter Josef, Vetvicka Vaclav, Richterova Stanislava*

### Original Article

#### 9 Effects of thalidomide on expression of NKG2D ligands in leukemia cells and cytotoxicity sensitivity of NK cells

*DENG Lili, ZHANG Yan, ZHANG Zhuangmiao, MEI Yu, YAN Rongxin, LUO Wei, LI Hongfang*

#### 15 Effects of human umbilical cord mesenchymal stem cells in CoCrMo wear particles-induced murine calvarial osteolysis

*WANG Shuai, DENG Zhantao, MA Yuanchen, ZHENG Qiujuan*

#### 26 Effects of DADLE and melatonin on expression of RIPK3 in hemorrhagic shock cardiomyocytes

*GAO Ya, LIU Wei, LI Lu, DONG Jingzhi, LIU Rui, PENG Xijuan, YAO Linong*

#### 33 Relationship between HBV-DNA load levels and grouping mode of serological markers and Pre-S1 antigen

*SHA Qiming*

#### 39 Expression of LncRNA IGFBP4-1 in nasopharyngeal carcinoma and its clinical significance

*ZHANG Yuliang, DENG Guoqing, LIU Shuzhou, ZHOU Anyan*

#### 46 Characteristics of blood lipid level and its relationship with renal function indexes in patients with chronic kidney disease stage 3-5

*LIU Huihong*

#### 53 Relationship between serum retinol binding protein and cardiovascular events in maintenance hemodialysis patients with end-stage renal disease

*LIN Rongyu, CHEN Wen*

#### 59 Short-term immune function changes of RhE negative recipients after infusion of homotypic and non-homotypic blood

*LÜ Jianchun, LIANG Xiaofeng*

#### 65 Effects of cytarabine combined with fludarabine on prognosis of allogeneic hematopoietic stem cell transplantation patients and its influencing factors

*LU Dan, HU Yan, YUAN Yun*

- 73 **Influence of conventional radiotherapy and intensity modulated radiotherapy on recurrence rate and metastasis rate of patients with intermediate to advanced cervical cancer**  
*DU Yinp ing, JIA Xuemei*
- 81 **Effects of breastfeeding versus formula feeding on the tissue oxygen saturation, hemoglobin concentration index and intestinal flora in full-term newborns**  
*TANG Yuling, YANG Jie, JIN Yihua*
- 88 **Effects of electrical stimulation biofeedback on pelvic floor muscle strength, pelvic floor muscle potential and levels of MMP-2, TIMP-2 and TGF- $\beta$ 1 in patients with postpartum pelvic floor dysfunction**  
*ZENG Xiaodan, LI Changhong, ZHANG Chunyu*
- 96 **Effects of continuous lumbar cistern drainage on levels of neuron specific enolase, S100B, neurological function and prognosis in patients with hypertensive intracerebral hemorrhage after operation**  
*ZHANG Jinmiao, CHEN Guo, ZHENG Lian*
- 103 **Effects of PNF stretching training combined with Bobath handshake training on neurological function and upper limb motor function of stroke patients with hemiplegia**  
*OU Fei, SU Dongsheng, CHEN Yan, ZHANG Li*
- 110 **Evaluation value of color Doppler ultrasound in stent forming of carotid stenosis and the residual stenosis after operation**  
*CAI Dajuan, BAO Jikai*
- 117 **Effects of dexmedetomidine combined with sufentanil patient-controlled intravenous analgesia on postoperative analgesia, inflammatory stress response and early recovery in elderly patients with rectal cancer undergoing radical operation**  
*LIN Zhiqiong, YANG Liping, LIU Shanshan, TU Yongjiu, ZHANG Luhan, HU Hongqiang*
- 124 **Curative effects of No-touch radiofrequency ablation on small hepatocellular carcinoma**  
*CUI Huxiao, HOU Sen, WANG Yaodong, WANG Fangjie, ZHANG Jiansong, SHI Yong*
- 131 **Application of area ratio method of ultrasound elastography in the differential diagnosis of benign and malignant thyroid nodules**  
*ZHANG Shuo, WANG Shuwen, GUO Xuemin, XU Hong, WANG Yanxiang, ZHANG Xia, YANG Li*
- 137 **Clinical characteristics of severe sepsis complicated with acute myocardial infarction in patients with severe respiratory diseases**  
*WANG Jiajia, GUO Yuanyuan, NING Weiwei, ZHU Yehan, HUANG Jian'an, LEI Wei*
- 144 **Changes of lung function and serum cytokine levels in acute exacerbation of chronic obstructive pulmonary disease patients and their correlation with smoking and body mass index**  
*XIAN Shaojing, CHEN Qingyun*
- 151 **Influencing factors of frequent acute exacerbations of stable chronic obstructive pulmonary disease and its correlation with serum SFRP1 and PGRN levels**  
*XIAN Meilan, WANG Xianjun, LI Chunxiang, HUANG Yirong, QIU Chaofeng*
- 159 **Effects of different lung protective ventilation strategies on intraoperative ventilation and postoperative pulmonary complications in patients undergoing thoracoscopic pneumonectomy**  
*CHEN Zhiyang, SUN Li, LIU Wei, WEI Shunmin, QIU Qingya, SUN Xude*
- 166 **Curative effects of rehabilitation nursing based on FMEA mode on patients with acute attack of bronchial asthma**  
*XU Jie, LI Xiaoming, WANG Xin*
- 172 **Comparison of improved methods of indwelling thoracic drainage tube on the drainage effect and healing of drainage tube orifice after single port thoracoscopic radical resection of lung cancer**  
*LIU Dan, XU Ning, ZHU Feng, WANG Lu, GUO Hua, MA Dongchun*
- 179 **Application of virtual reality technology in pediatric intravenous indwelling needle insertion**  
*ZOU Can, JIN Shanliang, YU Guifang*

- 184 **Therapeutic effects of individualized postoperative nursing in patients with oral cancer surgery**  
*DUAN Limei, JING Jianlong*
- 190 **Application of psychological elastic support and nursing based on IMB concept in patients with postpartum depression**  
*WU Jing, FENG Li, MA Fengqing, LI Xiang*

## Review

- 196 **Research progress on the function of SPAG6 and its role in tumor**  
*MU Jiao, LUO Jie, YUAN Peng, LIU Lin*
- 203 **Research progress of long non-coding RNA in the diagnosis and prognosis of colorectal cancer**  
*HUO Chao, FANG Xuehong, JIANG Daishun, LIU Yi*
- 209 **Research progress in the action mechanism of HOTAIR in epithelial ovarian cancer**  
*XIA Jizhen, LIU Xin, LIU Yinglan*
- 215 **Research progress of TRIM family in cervical cancer**  
*CAI Yuanjie, WAN Xiaoqi, WANG Yan*
- 220 **Research progress on pathogenesis and treatment of myocardial fibrosis**  
*HONG Zi, YANG Wei*
- 226 **Research progress of monocytes to high density lipoprotein ratio in cardiovascular diseases**  
*WANG Yibo, LUAN Tianzhu*
- 232 **Potential roles of Kisspeptin in the hyperprolactinemia-induced hypothalamic-pituitary-gonad axis suppression**  
*LI Zhen, ZHONG Liyong*
- 239 **Research progress on intranasal administration of dexmedetomidine in anesthesia**  
*XIE Cuiyu, LU Yao*
- 245 **Research progress of speckle-tracking imaging in the evaluation of left atrial appendage thrombosis in patients with non-valvular atrial fibrillation**  
*LI Teng, HAN Wei*
- 250 **Research progress in nutritional supplement therapy for autism spectrum disorders**  
*FAN Yuyao, YANG Shufen*

## Case Report

- 257 **Histopathologic diagnosis of pancreatic hamartoma: A case report and literature review**  
*SHEN Tian, WANG Bin, WANG Jinsong, LUO Man, ZHAO Youcai, HUANG Wenbin*