

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

2020 年 1 月 第 40 卷 第 1 期

Volume 40, Number 1 January 2020

临床与病理杂志

二〇二〇年

第四十卷

第一期

中南大学



万方数据



中南大学出版社
www.csupress.com.cn

临床与病理杂志

JOURNAL OF CLINICAL AND PATHOLOGICAL RESEARCH

月刊 1981 年创刊 第 40 卷 第 1 期

2020 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

协 办

苏州大学附属常州肿瘤医院

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: http://lcbl.amegroups.com

出 版

中南大学出版社

主 编

周胜华 季加孚

副主编

陈方平 陈国强 贺智敏 凌 扬

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

中国标准刊号

ISSN 2095-6959

CN 43-1521/R

2020 年版权归本刊所有

目 次

论 著

- 1 MiR-520a 对胃癌 SGC7901 细胞增殖、侵袭、迁移以及顺铂药物敏感性的影响
吴越菲, 徐礼鹏, 孙燃, 韦永明
- 8 运动疗法促进坐骨神经损伤小鼠的运动功能恢复
刘珊珊, 魏艳霞, 付莉萍
- 16 鼻颅底肿瘤 SALL4, MAGE-A3 特异性 CTL 免疫反应水平及其临床意义
别国梁, 黄维平, 尹中普, 朱萍
- 23 LncRNA MALAT1 在 EGFR 突变相关肺癌中的表达与临床意义
金善丰, 廖锦容, 陈增, 陈宝珍, 许春伟, 林贤东
- 28 内镜活检胃癌组织中 MUC3A, MUC13 表达及与病理参数和预后的关系
沙金平, 刁云辉, 薛萌
- 35 上皮细胞黏附分子与肝母细胞瘤患儿病理特征及预后的相关性
姚远
- 40 呼吸机相关性肺炎患者血清内皮细胞特异性分子-1 浓度及临床价值
汪霞, 徐芳
- 46 慢性阻塞性肺病患者新喋呤浓度及与病情严重程度的关系
周春霞, 倪芳
- 52 超声造影定量参数与甲状腺乳头状癌组织中微血管密度、颈部淋巴结转移的关系
李秀芹
- 58 彩色多普勒超声检查评价输尿管软镜取石术对围手术期肾脏血流动力学的影响
穆靓, 孙园, 刘莉, 韦爱华, 南淑良, 管湘平, 梁亮
- 62 初次妊娠高血压综合征患者再次妊娠发生子病的高危因素
谈炯新, 刘怀昌, 肖磊, 郭绮棱
- 67 2 179 例眼科门诊患儿血清过敏原检测结果及分析
向飞艳, 高雯琪, 郑好, 向赞, 肖晗

- 75 儿童轻型颅脑损伤中头颅 CT 异常患者的危险因素
狄广福, 方新运, 邵学非, 江晓春
- 80 *MTHFR* 基因 C677T 位点、*5-HTTLPR* 基因多态性与汉族儿童孤独症的相关性
张会春, 尚清, 高超, 耿香菊
- 86 血清维生素 D 水平与女童特发性中枢性性早熟的相关性
孙菊娣
- 90 高龄非糖尿病急性脑梗死患者入院随机血糖水平与临床结局关系的倾向值评分
陈津津, 於飞, 刘晓昀, 谢甜甜, 张艳丽, 张尔艳, 林先忠, 耿同超, 李明泉
- 96 老年 2 型糖尿病患者颈动脉粥样硬化与斑块形成的相关危险因素
戴雨濛, 张薇薇, 张伟, 孙梦雯, 严光
- 102 经口内镜下肌切开术治疗贲门失弛缓症术后复发的危险因素
陈志坚, 施慧, 蒋康, 陆恒, 赵丽, 陈媛媛, 杨雅蓉, 吴琳, 汪芳裕, 刘炯
- 107 结肠癌化学药物治疗留置外周静脉置入中心静脉导管患者发生医用黏胶相关性皮肤损伤的风险
黄赛艳, 王伟, 辛楚璇
- 116 咽部冰刺激联合低频脉冲电刺激在脑卒中后吞咽障碍患者中的应用效果
雷铖, 孙子科, 王延芬, 明文文, 李黄艳
- 124 眼球摘除术患者治疗决策体验的质性研究
苏君, 卞薇, 周凤姣, 刘明琼, 谭明琼, 郭文梅

综 述

- 130 内皮细胞在血管钙化进程中的作用
杨晶, 赵衡, 刘江华
- 136 过氧化物酶与急性髓系白血病的研究进展
杨海玉
- 140 Toll 样受体 4 与肾纤维化的关系研究进展
宋学萍, 梁娟, 王颖斌, 黄强, 刘东
- 145 自身抗体在狼疮肾炎病理与诊断研究中的进展
张雷, 孙铀
- 153 促红细胞生成素在多种贫血中的临床意义
江伟, 高玉娟, 苏雁华
- 157 急性肺损伤治疗措施的研究进展
陈艳, 董良, 朱昭琼
- 162 脊髓型颈椎病的微创治疗的研究进展
张稳, 陈刚, 夏红
- 166 慢性乙型肝炎抗病毒治疗的现状及进展
罗富秀, 李用国
- 172 甲磺酸阿帕替尼在实体恶性肿瘤中的研究进展
张前鹏, 成德雷
- 182 糖尿病性骨质疏松的研究进展
黄燕霞, 梅思, 方学红, 刘义

- 188 剖宫产瘢痕部位妊娠的研究现状
赵惠玲, 王玉贤
- 194 预测胎盘植入的相关因子
李捷, 杨海澜
- 199 循环肿瘤 DNA 检测在非小细胞肺癌早期预警及监测管理中的研究进展
莫佳航, 王冰, 吕雨琦, 董雷
- 205 肺动脉栓塞指数的研究进展
周果, 伍慧杰, 孙美琪, 郝倩文, 张薇

临床病例讨论

- 210 乳腺分泌基质的化生性癌的临床病理分析及文献复习
赵丽娜, 何惠华, 黄亚冰, 袁静萍
- 215 3 例卵巢硬化性间质瘤的临床病理分析
黄佳佳, 郑洪, 谭娜, 黎成芳, 姚晋, 徐高强
- 221 内含脑膜瘤 / 脑膜增殖成分的儿童睾丸畸胎瘤 1 例
方园, 王一真
- 226 原发性肺腺癌胃转移 1 例
肖英, 王建, 张功亮
- 230 奥希替尼治疗 *T790M* 突变的晚期肺腺癌 1 例并文献复习
吴锋杰, 顾阳阳, 姚扬伟
- 234 奥西替尼治疗 *EGFR T790M* 突变的晚期肺腺癌 1 例
刘洪伯, 柳江
- 237 奥西替尼治疗 *EGFR T790M* 突变的老年晚期肺腺癌患者 1 例
马丽丽, 柳江
- 240 奥希替尼治疗经埃克替尼一线治疗后进展并继发 *T790M* 突变的肺腺癌 1 例
黄锦宏, 张晓东, 由振华, 程易, 赵云根
- 247 1 例 *EGFR* 敏感突变局部晚期肺鳞癌病例报告及文献复习
詹志翔, 冯海林, 廖凌峰
- 252 *EGFR* 突变晚期非小细胞肺癌患者 1 例
陈清, 王圣庄, 鲍洁兰, 蔡锦威, 姜玲, 王欣

消 息

- 225 本刊常用词汇英文缩写表(按英文字母排序)

JOURNAL OF CLINICAL AND PATHOLOGICAL RESEARCH

Monthly

Established in 1981

Volume 40 Number 1 Jan. 2020

Responsible Institution

Ministry of Education
P. R. China

Sponsor

Central South University

Co-sponsor

Cancer Hospital of Changzhou, Soochow
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

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

Original Article

- 1 Effect of miR-520a on proliferation, invasion, migration and cisplatin sensitivity in gastric cancer SGC7901 cells**
WU Yuefei, XU Lipeng, SUN Ran, WEI Yongming
- 8 Effects of exercise therapy on motor function recovery in mice with sciatic nerve injury**
LIU Shanshan, WEI Yanxia, FU Liping
- 16 Specific CTL immune response levels of SALL4 and MAGE-A3 in nasal and skull base tumors and their clinical significance**
BIE Guoliang, HUANG Weiping, YIN Zhongpu, ZHU Ping
- 23 Expression and clinical significance of lncRNA MALAT1 in EGFR mutation-related lung cancer**
JIN Shanfeng, LIAO Jinrong, CHEN Zeng, CHEN Baozhen, XU Chunwei, LIN Xiandong
- 28 Expressions of MUC3A and MUC13 in endoscopic biopsy of gastric cancer tissues and their relationships with pathological parameters and prognosis**
SHA Jinping, DIAO Yunhui, XUE Meng
- 35 Correlation between epithelial cell adhesion molecule and pathological features and prognosis of hepatoblastoma in children**
YAO Yuan
- 40 Concentration and clinical value of Endocan in patients with ventilator-associated pneumonia**
WANG Xia, XU Fang
- 46 Relationship between neopterin concentration and severity of chronic obstructive pulmonary disease**
ZHOU Chunxia, NI Fang
- 52 Relationship between quantitative parameters of contrast-enhanced ultrasound and microvessel density, cervical lymph nodes metastasis in papillary thyroid carcinoma tissues**
LI Xiuqin
- 58 Effects of flexible ureteroscope lithotripsy on renal hemodynamics evaluated by color doppler ultrasonography**
MU Liang, SUN Yuan, LIU Li, WEI Aihua, NAN Shuliang, GUAN Xiangping, LIANG Liang

- 62 **High-risk factors for eclampsia during repregnancy in patients with primary pregnancy-induced hypertension syndrome**
TAN Jiongxin, LIU Huaichang, XIAO Lei, GUO Qileng
- 67 **Detection and analysis of serum allergens in 2 179 outpatients of ophthalmology**
XIANG Feiyan, GAO Wenqi, ZHENG Hao, XIANG Yun, XIAO Han
- 75 **Risk factors of abnormal computerized tomography in children with mild traumatic brain injury**
DI Guangfu, FANG Xinyun, SHAO Xuefei, JIANG Xiaochun
- 80 **Correlation between gene polymorphism of MTHFR gene C677T locus, 5-HTTLPR and autism in Han nationality children**
ZHANG Huichun, SHANG Qing, GAO Chao, GENG Xiangju
- 86 **Correlation between serum vitamin D level and idiopathic central precocious puberty in girls**
SUN Judi
- 90 **Admission glucose with clinical outcomes in elderly non-diabetic patients with acute ischemic stroke: A propensity score matching study**
CHEN Jinjin, YU Fei, LIU Xiaoyun, XIE Tiantian, ZHANG Yanli, ZHANG Eryan, LIN Xianzhong, GENG Tongchao, LI Mingquan
- 96 **Related risk factors of carotid atherosclerosis plaque formation in the elderly patients with type 2 diabetes mellitus**
DAI Yumeng, ZHANG Weiwei, ZHANG Wei, SUN Mengwen, YAN Guang
- 102 **Risk factors for recurrence of achalasia after peroral endoscopic myotomy**
CHEN Zhijian, SHI Hui, JIANG Kang, LU Heng, ZHAO Li, CHEN Yuanyuan, YANG Yarong, WU Lin, WANG Fangyu, LIU Jiong
- 107 **Risk of medical adhesive-related skin injury in patients with colon cancer undergoing chemotherapy indwelling peripherally inserted central catheter**
HUANG Saiyan, WANG Wei, XIN Chuxuan
- 116 **Effect of ice stimulation combined with electrical muscle stimulation in the treatment of dysphagia after stroke**
LEI Cheng, SUNZI Kejimu, WANG Yanfen, MING Wenwen, LI Huangyan
- 124 **Qualitative study of treatment decision experience in patients with enucleation of eyeball**
SU Jun, BIAN Wei, ZHOU Fengjiao, LIU Mingqiong, TAN Mingqiong, GUO Wenmei

Review

- 130 **Role of endothelial cells participating in vascular calcification**
YANG Jing, ZHAO Heng, LIU Jianghua
- 136 **Research progress of peroxiredoxin and acute myeloid leukemia**
YANG Haiyu
- 140 **Research progress on the relationship between Toll-like receptor 4 and renal fibrosis**
SONG Xueping, LIANG Juan, WANG Ying'e, HUANG Qiang, LIU Dong
- 145 **Advances in the diagnostic and pathological researches of autoantibodies of lupus nephritis**
ZHANG Lei, SUN You
- 153 **Clinical significance of erythropoietin in various anemia**
JIANG Wei, GAO Yujuan, SU Yanhua
- 157 **Advances in the treatment of acute lung injury**
CHEN Yan, DONG Liang, ZHU Zhaoqiong

- 162 **Research progress in minimally invasive treatment of cervical spondylotic myelopathy**
ZHANG Wen, CHEN Gang, XIA Hong
- 166 **Current status and progress of antiviral therapy for chronic hepatitis B**
LUO Fuxiu, LI Yongguo
- 172 **Research progress of mesylate apatinib in the treatment of solid malignant tumor**
ZHANG Qianpeng, CHENG Delei
- 182 **Research progress of diabetic osteoporosis**
HUANG Yanxia, MEI Si, FANG Xuehong, LIU Yi
- 188 **Current status of research on pregnancy at scar site of cesarean section**
ZHAO Huiling, WANG Yuxian
- 194 **Predicting factors associated with placental accreta**
LI Jie, YANG Hailan
- 199 **Research progress in circulating tumor DNA detection in early warning and monitoring management of non-small cell lung cancer**
MO Jiahang, WANG Bing, LÜ Yuqi, DONG Lei
- 205 **Research progress of pulmonary embolism index**
ZHOU Guo, WU Huijie, SUN Meiqi, HAO Qianwen, ZHANG Wei

Case Report

- 210 **Clinicopathologic analysis and literature review of matrix-producing metaplastic carcinoma of breast**
ZHAO Li'na, HE Huihua, HUANG Yabing, YUAN Jingping
- 215 **Clinicopathologic analysis of 3 cases of sclerosing stromal tumor in the ovarian**
HUANG Jiajia, ZHENG Hong, TAN Na, LI Chengfang, YAO Jin, XU Gaoqiang
- 221 **Testicular teratoma with meningotheelial proliferation: A case report**
FANG Yuan, WANG Yizhen
- 226 **Gastric metastasis of primary lung adenocarcinoma: A case report**
XIAO Ying, WANG Jian, ZHANG Gongliang
- 230 **Advanced lung adenocarcinoma patient with T790M mutation treated by osimertinib: A case report and literature review**
WU Fengjie, GU Yangyang, YAO Yangwei
- 234 **A case of advanced lung adenocarcinoma with EGFR T790M mutation treated with osimertinib**
LIU Hongbo, LIU Jiang
- 237 **An elderly patient with advanced lung adenocarcinoma with EGFR T790M mutation treated with osimertinib**
MA Lili, LIU Jiang
- 240 **A case of osimertinib for lung adenocarcinoma patient with secondary T790M mutation after icotinib**
HUANG Jinhong, ZHANG Xiaodong, YOU Zhenhua, CHEN Yi, ZHAO Yungen
- 247 **A case of locally advanced lung squamous cell carcinoma with EGFR sensitive mutation and literature review**
ZHAN Zhixiang, FENG Hailin, LIAO Lingfeng
- 252 **A case of advanced non-small cell lung cancer with EGFR mutation**
CHEN Qing, WANG Shengzhuang, BAO Jielan, CAI Jinwei, JIANG Ling, WANG Xin