



ISSN 2097-3497 (Online)

ISSN 1001-5256 (Print)

CN 22-1108/R

临床肝胆病杂志

LINCHUANG GANDANBING ZAZHI

JOURNAL OF CLINICAL HEPATOLOGY

第39卷 第**10**期 2023年10月

Vol. 39 No. 10 Oct. 2023

www.lcgdbzz.org

／ 百种中国杰出学术期刊

／ 中国精品科技期刊

- / 中国精品科技期刊顶尖学术论文(F5000)项目 来源期刊
- / 《科技期刊世界影响力指数(WJCI)报告》收录期刊
- / 中文核心期刊
- / 中国科技核心期刊
- / RCCSE中国核心学术期刊
- / 荷兰《医学文摘(网络版)》(Embase) 来源期刊
- / 荷兰《文摘与引文数据库》(Scopus) 来源期刊
- / 美国《化学文摘(网络版)》(SciFinder) 来源期刊
- / 瑞典《开放获取期刊目录》(DOAJ) 来源期刊
- / 瑞士《健康网络首创研究获取》(HINARI) 来源期刊
- / 俄罗斯《文摘杂志》(AJ, VINITI) 来源期刊
- / 美国《艾博思科数据库》(Eh, EBSCOhost) 来源期刊
- / 英国《国际农业与生物科学研究中心》(CABI) 来源期刊
- / 《日本科学技术振兴机构数据库(中国)》(JSTChina) 来源期刊
- / 世界卫生组织《西太平洋地区医学索引》(WPRIM) 来源期刊
- / 美国《剑桥科学文摘》(CSA) 来源期刊
- / 波兰《哥白尼索引》(IC) 来源期刊
- / 美国《乌利希期刊指南(网络版)》(Ulrichsweb) 注册期刊
- / 国际医学期刊编辑委员会(ICMJE) 规范期刊
- / 国际管理与技术编辑学会(ISMTE) 会员期刊



中华人民共和国教育部主管
吉林大学主办

临床肝胆病杂志

Journal of Clinical Hepatology

月刊, 1985年创刊

第39卷 第10期 2023年10月20日出版

主 管 : 中华人民共和国教育部
主 办 : 吉林大学
编辑出版 : 《临床肝胆病杂志》编辑部
通信地址 : 吉林大学第一医院医学出版中心
吉林省长春市南昌路176号
邮政编码 : 130061
电话号码 : 0431-88782542/3542
电子信箱 : lcgdb@vip.163.com
官方网站 : www.lcgdbzz.org
官方微信 : lcgdbzz1985
官方微博 : http://weibo.com/lcgdbzz
学术支持 : 中华医学会肝病学分会
名誉主编 : 庄 辉
顾 问 : 陈成伟 陈孝平 董家鸿
 窦科峰 樊代明 樊 嘉
 侯云德 李兆申 刘 平
 任 红 田志刚 王福生
 王红阳 闻玉梅 赵玉沛
 郑树森 朱 诚
主 编 : 贾继东

“慢加急性肝衰竭的临床分型及预后评估”重点号

本期执行主编 : 陈煜

目 次

述评

不确定期慢性乙型肝炎抗病毒治疗再探讨 (2273)

庄辉

慢加急性肝衰竭临床分型的再认识: 从起病表现和动态

转归的新视角重新定义 (2277)

董金玲, 陈煜

专家论坛

执行主编：牛俊奇

广告经营许可证号：2201005030549

印刷：长春新华印刷集团有限公司

国内发行：中国邮政集团有限公司

吉林省报刊发行分公司

国外发行：中国国际图书贸易集团有限公司

(北京399信箱,100044)

代号:M5995

订购：全国各地邮局(所)

邮发代号：12-80

国内定价：60元/册;720元/年

中国标准连续出版物号：

ISSN 2097-3497 (Online)

ISSN 1001-5256 (Print)

CN 22-1108/R



网站



微信



微博

作者在本刊发表的文章版权
归《临床肝胆病杂志》编辑部所有

慢加急性肝衰竭的疾病定义及发病机制 (2281)

项晓明,尚大宝,张金铭

慢加急性肝衰竭临床评分及分型系统的演变进程 (2288)

尹惠敏,李荣宽

进展性慢性肝病发生慢加急性肝衰竭的风险预测

及分层管理 (2294)

祁婷婷,陈金军

慢加急性肝衰竭的预后评价 (2301)

张倩,韩涛

指南与规范

肝病相关血小板减少症临床管理中国专家共识 (2307)

国家感染性疾病临床医学研究中心,北京医学会肝病学会,

中国老年学和老年医学学会转化医学分会

· 2 ·

《2023 年欧洲肝病学会临床实践指南:慢加急性肝衰竭》摘译 (2321)

徐曼曼,耿楠,陈煜

《2023 年欧洲肝病学会临床实践指南:妊娠期肝病的管理》摘译 (2328)

周冠伦,鞠宇豪,许静,张萍,韩国荣

《2023 年国际多学科专家共识:代谢相关脂肪性肝病和心血管疾病风险》摘译 (2336)

周晓东,田娜,郑明华

论著

肝纤维化及肝硬化

细胞毒性 T 淋巴细胞来源外泌体抑制肝星状细胞活化的机制 (2340)

章川福,赵雅丽,龙丽娟,邱华

基于胆汁酸代谢组学探讨复方大黄煎剂保留灌肠对轻微型肝性脑病大鼠模型的治疗作用 (2348)

杜沅沁,王萌,黄国初,姚春,钟瑞熙,黄良江,徐健,黄晶晶,谭钦文,毛德文

肝脏肿瘤

非 HBV 和非 HCV 感染相关肝细胞癌患者临床特征分析	(2358)
-------------------------------------	----------

刘盛芳,李良平

人工合成多肽 cSN50.1 对肝癌细胞 HepG2 恶性行为的影响及其机制	(2366)
--	----------

辛华,单洪超,栾海艳,阮洋,杨鑫妍

其他肝病

慢加急性肝衰竭:基于起病表现的新型临床分型特征及预后分析	(2375)
------------------------------------	----------

武羽,董金玲,徐曼曼,陈慧娜,邹怀宾,白丽,陈煜

外周血淋巴细胞计数在慢加急性肝衰竭短期预后评估中的价值	(2383)
-----------------------------------	----------

刘小花,杨淑娟,刘瑜珊,李娟,张巧,王亚敏,闫涛涛,杨璇,赵英仁,何英利

新型冠状病毒肺炎疫情期间长春地区细菌性肝脓肿临床特征分析	(2390)
------------------------------------	----------

田雨,董美丽,张雨,郝点点,杜佳霖,温晓玉

补体应答基因 32 在小鼠部分肝切除后肝再生过程中的表达及意义	(2396)
---------------------------------------	----------

李兴元,杨艳芳,陈琰,胡文慧,赵小英,唐俊明,孔德营

胆道疾病

¹²⁵I腔内照射联合仑伐替尼治疗进展期肝外胆管癌的效果和安全性分析..... (2406)

朱兴书,陈鹏飞,张萌帆,李方正,陈金威,张文广,段旭华,任建庄,韩新巍

清热利胆颗粒预防腹腔镜联合胆道镜术后胆总管结石复发的效果分析..... (2413)

李积强,齐清会,张桂信

腹腔镜下胆道镜联合钬激光碎石术与传统开腹手术治疗胆管结石效果比较的 Meta 分析..... (2421)

牛向东,余静,汪旭云,陈一锋,马世勋,丁国淦,苗长丰,王晓鹏,苏河

胰腺疾病

改良 BISAP 评分系统的建立及其在重症急性胰腺炎早期诊断和预后评估中的意义..... (2432)

李蓉洁,彭依,唐小龙,张德才,刘少俊

综述

热休克蛋白 90 在 HBV 复制中的作用..... (2443)

花胤,方海丽,刘守胜,辛永宁,张梅,宣世英

妊娠合并戊型肝炎研究进展.....	(2448)
钟曼华,王静月,黄缘	
代谢相关脂肪性肝病与2型糖尿病的关系及共病机制研究进展.....	(2454)
陈兆斌,黄丽媛,王炳元,施军平,张晶	
经颈静脉肝内门体分流术中联合侧支血管栓塞治疗肝硬化食管胃静脉曲张出血的应用 进展与争议.....	(2460)
吴琼,赵连晖,王广川,张春清	
肝硬化再代偿:现状与挑战.....	(2464)
冯玟,宋娟娟,叶峰,马永红,任艺琳,张子怡,贺娜,李雪萍,弥曼	
血液代谢标志物在原发性肝癌治疗反应及预后预测中的应用.....	(2470)
刘志英,周智航,何松	
天然药食单体防治酒精性肝损伤的研究进展.....	(2476)
叶敬榕,林彦,段涵怡,任晓岚,杨雪,张凤英	

• 4 •

自噬对肝衰竭的保护作用机制与临床价值.....	(2485)
胡洋洋,张兴,罗越,王亚东,赵彩彦	
胆道支架的研究现状	(2491)
阿布都喀哈尔·阿布都拉,哈力木拉提·吾布力卡斯木,段绍斌	
内镜逆行胰胆管造影术后出血的研究进展.....	(2497)
范玲,傅燕,刘懿,黄华,倪静,唐娟	
全胰切除联合自体胰岛细胞移植的研究进展.....	(2506)
李静静,赵渊宇,傅宏,滕飞,毛家玺,郭闻渊	

国外期刊精品文章简介

<i>Hepatology International</i> 表达靶向 HBV 抗原的 TCR-T 细胞治疗肝移植后复发的 肝细胞癌患者具有良好的安全性和可行性: I 期临床试验结果	(2431)
---	----------

消息

《临床肝胆病杂志》获评“2022 年百种中国杰出学术期刊”.....	(2347)
《临床肝胆病杂志》综合评价总分在消化病学类核心期刊中连续 5 年排名第一	(2395)

《临床肝胆病杂志》荣获“第四届吉林省高校科技期刊奖·卓越奖”.....	(2505)
-------------------------------------	----------

致谢

本期审稿专家	(2420)
--------------	----------

本刊稿约见 2023 年第 39 卷第 1 期第 238 页

责任编辑：朱晶

期刊基本参数：CN22-1108/R * 1985 * m * 16 * 248 * zh * P * ￥ 60.00 * 2000 * 33 * 2023-10 * n

JOURNAL OF CLINICAL HEPATOLOGY

J Clin Hepatol

Monthly, Launched in 1985
Vol. 39 No. 10 Oct. 20, 2023

Supervisor

Ministry of Education of the People's
Republic of China

Sponsor

Jilin University

Editing & Publishing

Editorial Board of Journal of Clinical Hepatology
Common. Add: Medical Publishing Centre,
The First Hospital of Jilin University,
176 NanChang Road,
Changchun, China

Post Code: 130061

Tel: 86-431-88782542; 86-431-88783542

E-mail: legdb@vip.163.com

http://www.legdbzz.org

Academic Support

Chinese Society of Hepatology,
Chinese Medical Association

Honorary Editor-in-Chief

ZHUANG Hui

Consultants

CHEN Chenwei, CHEN Xiaomin

Theme Issue: Clinical Typing and Prognostic Evaluation of Acute-
on-Chronic Liver Failure

Executive Chief Editor: CHEN Yu

Contents

Editorial

Further discussion on the antiviral treatment of chronic hepatitis

B patients with indeterminate phase..... (2273)

ZHUANG Hui

Recognition of the clinical classification of acute-on-chronic liver
failure: Redefinition from a new perspective of onset

manifestations and dynamic outcomes..... (2277)

DONG Jinling, CHEN Yu

Expert Forum

DONG Jiahong, DOU Kefeng, FAN Daiming,
FAN Jia, HOU Yunde, LI Zhaoshen, LIU Ping,
REN Hong, TIAN Zhigang, WANG Fusheng,
WANG Hongyang, WEN Yumei, ZHAO Yupei,
ZHENG Shusen, ZHU Cheng

Editor-in-Chief

JIA Jidong

Executive Editor-in-Chief

NIU Junqi

The Advertising Business License

2201005030549

Printing Unit

Changchun Xinhua Printing Group Co., Ltd.

Issuing Scope

Public issue

Overseas Distributor

China International Book Trading Corporation

P. O. Box 399, Beijing 100044, China

Code No. M5995

Dewey #: 616.362; CODEN LGZAEM

Send by mail cod No. : 5995M

CNY 60/Copy, CNY 720/Year

**Copyright© by the Journal of
Clinical Hepatology**

The definition and pathogenesis of acute – on – chronic
liver failure (2281)
XIANG Xiaogang, SHANG Dabao, ZHANG Jinming

Evolution of the clinical scoring and classification system
for acute – on – chronic liver failure (2288)
YIN Huimin, LI Rongkuan

Development of acute – on – chronic liver failure in progressive
chronic liver diseases: Risk prediction and
stratified management (2294)
QI Tingting, CHEN Jinjun

Prognostic evaluation of acute – on – chronic liver failure (2301)
ZHANG Qian, HAN Tao

Guideline

Chinese expert consensus on clinical management of
hepatopathy – related thrombocytopenia (2307)
*National Clinical Research Center for Infectious Diseases; Society of Hepatology,
Beijing Medical Association; Translational Medicine Branch, Chinese Association
of Gerontology and Geriatrics*

• 6 •

An excerpt of EASL clinical practice guidelines on acute – on – chronic liver failure (2023) (2321)

XU Manman, GENG Nan, CHEN Yu

An excerpt of EASL clinical practice guidelines on the management of liver diseases in pregnancy (2023) (2328)

ZHOU Guanlin, JU Yuhao, XU Jing, ZHANG Ping, HAN Guorong

Excerpt of an international multidisciplinary consensus statement on MAFLD and the risk of CVD (2023) (2336)

ZHOU Xiaodong, TIAN Na, ZHENG Minghua

Original Article

Liver Fibrosis and Liver Cirrhosis

Mechanism of cytotoxic T lymphocyte – derived exosomes inhibiting hepatic stellate cell activation (2340)

QIN Chuanfu, ZHAO Yali, LONG Lijuan, QIU Hua

Therapeutic effect of retention enema with compound rhubarb decoction on a rat model of
minimal hepatic encephalopathy based on bile acid metabolomics (2348)

DU Yuanqin, WANG Meng, HUANG Guochu, YAO Chun, ZHONG Ruixi, HUANG Liangjiang, XU Jian, HUANG Jingjing,

TAN Qinwen, MAO Dewen

Liver Neoplasm

Clinical features of non – B, non – C hepatocellular carcinoma..... (2358)

LIU Shengfang , LI Liangping

Effect of synthetic peptide cSN50.1 on the malignant behavior of hepatocellular carcinoma HepG2
cells and its mechanism (2366)

XIN Hua , SHAN Hongchao , LUAN Haiyan , RUAN Yang , YANG Xinyan

Other Liver Disease

Acute – on – chronic liver failure: Features and prognosis of a new clinical classification system based
on onset manifestations..... (2375)

WU Yu , DONG Jinling , XU Manman , CHEN Huina , ZOU Huaibin , BAI Li , CHEN Yu

Value of peripheral blood lymphocyte count in evaluating the short – term prognosis of patients with
acute – on – chronic liver failure (2383)

*LIU Xiaohua , YANG Shujuan , LIU Yushan , LI Juan , ZHANG Qiao , WANG Yamin , YAN Taotao ,
YANG Yuan , ZHAO Yingren , HE Yingli*

Clinical features of bacterial liver abscess in the context of coronavirus disease 2019 in Changchun, China ... (2390)

TIAN Yu , DONG Meili , ZHANG Yu , HAO Diandian , DU Jialin , WEN Xiaoyu

- Expression and significance of response gene to complement 32 in liver regeneration after partial
hepatectomy in mice (2396)
- LI Xingyuan, YANG Yanfang, CHEN Yan, HU Wenhui, ZHAO Xiaoying, TANG Junming, KONG Deying*

Biliary Disease

- Efficacy and safety of ¹²⁵I intraluminal irradiation combined with lenvatinib in treatment of progressive
extrahepatic cholangiocarcinoma (2406)
- ZHU Xingshu, CHEN Pengfei, ZHANG Mengfan, LI Fangzheng, CHEN Jinwei, ZHANG Wenguang, DUAN Xuhua,
REN Jianzhuang, HAN Xinwei*

- Clinical effect of Qingre Lidan granules in preventing the recurrence of choledocholithiasis after
laparoscopy combined with choledochoscopy (2413)
- LI Jiqiang, QI Qinghui, ZHANG Guixin*

- Efficacy of laparoscopic choledochoscopy combined with holmium laser lithotripsy versus traditional
laparotomy in treatment of bile duct stones: A Meta – analysis (2421)
- NIU Xiangdong, YU Jing, WANG Xuyun, CHEN Yifeng, MA Shixun, DING Guogan, MIAO Changfeng, WANG Xiaopeng, SU He*

Pancreatic Disease

- Establishment of a modified BISAP scoring system and its clinical significance in the early diagnosis
and prognostic evaluation of severe acute pancreatitis (2432)

LI Rongjie, PENG Yi, TANG Xiaolong, ZHANG Decai, LIU Shaojun

Review

Role of heat shock protein 90 in hepatitis B virus replication (2443)

HUA Yin, FANG Haili, LIU Shousheng, XIN Yongning, ZHANG Mei, XUAN Shiying

Research advances in hepatitis E virus infection in pregnancy (2448)

ZHONG Manhua, WANG Jingyue, HUANG Yuan

Research advances in the association between metabolic associated fatty liver and type 2 diabetes mellitus and the mechanism of comorbidity (2454)

CHEN Zhaobin, HUANG Liyuan, WANG Bingyuan, SHI Junping, ZHANG Jing

Transjugular intrahepatic portosystemic shunt combined with collateral vessel embolization in treatment of gastroesophageal variceal bleeding in liver cirrhosis: Research advances and controversies (2460)

WU Qiong, ZHAO Lianhui, WANG Guangchuan, ZHANG Chunqing

Recompensation of liver cirrhosis: Current status and challenges (2464)

FENG Gong, SONG Juanjuan, YE Feng, MA Yonghong, REN Yilin, ZHANG Ziyi, HE Na, LI Xueping, MI Man

• 8 •

Research advances in the role of blood metabolic markers in the treatment response and prognosis
prediction of primary liver cancer (2470)
LIU Zhiying, ZHOU Zhihang, HE Song

Research advances in natural drug and food monomers in prevention and treatment of alcoholic
liver injury (2476)
YE Jingrong, LIN Yan, DUAN Hanyi, REN Xiaolan, YANG Xue, ZHANG Fengying

Advances in the protective mechanism and clinical implications of autophagy in liver failure..... (2485)
HU Yangyang, ZHANG Xing, LUO Yue, WANG Yadong, ZHAO Caiyan

Current research status of biliary stents (2491)
ABUDUKAHAER Abudula, HALMURAT Obulkasim, DUAN Shaobin

Research advances in hemorrhage after endoscopic retrograde cholangiopancreatography (2497)
FAN Ling, FU Yan, LIU Yi, HUANG Hua, NI Jing, TANG Juan

Research advances in total pancreatectomy with autologous islet cell transplantation (2506)
LI Jingjing, ZHAO Yuanyu, FU Hong, TENG Fei, MAO Jiaxi, GUO Wenyuan

Introduction of High – quality Articles in Foreign Journals

Hepatology International | Messenger RNA electroporated hepatitis B virus (HBV) antigen-specific
T cell receptor (TCR) redirected T cell therapy is well-tolerated in patients with recurrent HBV-related
hepatocellular carcinoma post-liver transplantation: results from a phase I trial..... (2431)

Thanks

Current reviewers (2420)





ISSN 2097-3497(Online) ISSN 1001-5256(Print) CN 22-1108/R 邮发代号: 12-80 国内定价: 60.00 元