

# 中华肺部疾病杂志 (电子版)

CHINESE JOURNAL OF LUNG DISEASES (Electronic Edition)

双月刊 2007年12月创刊 第16卷 第5期 2023年10月25日出版

主管  
中华人民共和国卫生健康委员会

主办  
中华医学会  
100710, 北京东四西大街42号

出版  
中华医学电子音像出版社有限责任公司  
100052, 北京市西城区东河沿街69号  
电话: (010) 51322622

编辑  
中华肺部疾病杂志(电子版)编委会  
100052, 北京市西城区东河沿街69号  
电话: (010) 51322622  
QQ: 1299799857  
Email: xqejld@163.com  
https://medpress.yiigle.com/

执行主编  
徐剑铖

副主编  
任成山

广告经营许可证  
京东工商广字第0233号

发行  
国内外公开发行

订购  
全国各地邮政局  
邮发代号 78-270

邮购  
中华肺部疾病杂志(电子版)发行部  
100052, 北京市西城区东河沿街69号  
电话: (010) 51322622  
QQ: 1299799857  
Email: xqejld@163.com

光盘订价  
每期35元, 全年210元

中国标准连续出版物号  
ISSN 1674-6902  
CN 11-9295/R

2023年版权归中华医学会所有

未经授权, 不得转载、摘编本刊文章, 不得使用本刊的版式设计

除非特别声明, 本刊刊出的所有文章不代表中华医学会和本刊编委会的观点

本刊为电子杂志, 以光盘形式出版。本册应读者需求按需印刷, 如有质量问题, 请向编辑部调换

## 目次

### 专家论坛

脓毒症的前世今生及序贯器官衰竭  
认知及理念 ..... 姜东 冉龙艳 雷传江等 605

### 专家共识

老年感染患者复原力评估  
专家共识 ..... 老年感染患者复原力评估专家组 611

### 论著

驱动基因阴性III/IV期非小细胞肺癌BRCA1/2基因突变  
与含铂化疗疗效的关系 ..... 吴天秀 徐瑜 廖秀清等 615

呼吸道过敏原特异性IgE累积水平与重度哮喘  
奥马珠单抗治疗反应性的  
关系 ..... 柯华 王可 王丽雯 624

颗粒酶B激活TGF- $\beta$ 1/Smad3通路促进博来霉素  
导致的肺纤维化 ..... 陈向军 顾兴 王在强等 630

EGFR罕见突变非小细胞肺癌临床病理特征  
及疗效分析 ..... 游雅婷 毕周奎 郭亮等 635

纤维支气管镜联合氨溴索治疗COPD伴呼吸衰竭疗效  
及对血气指标、肺功能和血乳酸水平的  
影响 ..... 刘佳敏 谢道 李梅 640

支气管镜下联合介入治疗75例良性中央气道狭窄  
效果分析 ..... 熊震 阳光辉 郑小春等 645

### 临床研究

PD-1单抗治疗晚期非小细胞肺癌血清IL-27  
与预后相关性 ..... 魏晓辉 苏智祥 陈文娟等 650

急性低氧性呼吸衰竭乳酸/白蛋白比值  
与病死率相关性分析 ..... 程玲燕 卢嘉宾 韦庆等 654

达芬奇机器人辅助肺段切除术治疗IA期NSCLC的  
临床疗效分析 ..... 许喜乐 徐敏 658

生物免疫疗法联合放化疗对NSCLC患者CD3<sup>+</sup>、  
CD4<sup>+</sup>/CD8<sup>+</sup>、NK的影响 ..... 刘宝刚 李磊强 孙立哲等 661

IL-27、IFN- $\gamma$ 、IGRA、ADA在结核性胸腔积液中的  
表达 ..... 席素雅 商煥霞 贺向红等 664

ACBT联合HRR对稳定期COPD肺功能  
及运动能力的影响 ..... 党辉 陈军 杨菲菲等 667

瑞舒伐他汀钙联合激素气道雾化对AECOPD并发  
肺动脉高压的疗效分析 ..... 刘玉强 吴秀秀 李晓辉等 670

尼达尼布对肺纤维化小鼠肺功能及内质网应激反应的  
影响 ..... 许娟 张党锋 673

PCV-VG通气模式对肺叶切除术安全性及术中  
吸气峰压的影响 ..... 董晗 孙正波 676

依诺肝素治疗高血压脑出血并肺栓塞的疗效和安全性分析 .....	陈 婷 许承琼 何绍玲	679
血清 PLR 与 FIB 对肺癌术后预后的预测意义 .....	刘文龙 王 杰 彭 杰等	682
超声下 TPVB 在 NSCLC 根治术麻醉中的应用 及术后镇痛效果分析 .....	薛 原 吉晓丽 温传允等	685
肺癌组织中细胞角蛋白 18 的表达及与预后的相关性 .....	梁开地 缙文斌 莫居容	688
肺部肿瘤患者放化疗后真菌感染的菌种分布特征和诱发 真菌感染的危险因素 .....	马 婷 万宗仁	691
贝伐珠单抗辅助治疗对晚期非鳞 NSCLC 患者炎症、 免疫和营养指数的影响 .....	刘 剑 张 燕 刘春桂等	694
鸦胆子油乳辅助 PC 方案化疗对 NSCLC 免疫功能 和炎症因子的影响 .....	何 花 周玉皆 李 田	697
利奈唑胺治疗 G <sup>+</sup> 肺炎疗效及对免疫功能 和炎症反应的影响 .....	李冠东 梁文启 孙兴成等	700
NLR 与 qSOFA 评分对老年重症肺炎预后的临床意义 .....	成军霞 梅馨方 青 刚等	703
MR-proADM 作为社区获得性肺炎预后生物标志物的 临床分析 .....	张黎黎 杨 敏 石娅妮等	706

## 短篇论著

改良呼吸康复训练对肺癌肺叶切除术后呼吸功能 和生活质量的影响 .....	矫 珺 程 萌 矫春峰	709
BDNF、PGRN 在 COPD 伴下呼吸道感染中的表达 及预后分析 .....	何 昊 郑克春 唐利华等	712
AECOPD 肺部感染控制窗的影响因素分析 .....	闫 晶 刘 磊 王永红	715
CT 引导下射频消融术在肺部磨玻璃结节诊断中的应用及术后 并发症的危险因素分析 .....	任茂玲 孙晓容 何晓丽	718
特发性肺纤维化合并 T2DM 炎症水平与预后相关性分析 .....	谷先勇 徐 娟	721
卡瑞利珠单抗联合 TP 方案对晚期肺癌患者的疗效 及作用机制分析 .....	孟俊杰 李晓辉 武晋荣等	724
布地奈德联合干扰素雾化吸入治疗对病毒性肺炎的 临床疗效 .....	顾 玲 赵 颖 伯 雪等	727
螺旋 CT 形态学特征在肺结节良恶性诊断中的临床意义 .....	邹明珠 蓝博文 林观兰等	729

## 综 述

非小细胞肺癌生物标志物血小板及来源外泌体研究进展 .....	康华利 张继航	731
新辅助免疫治疗在可切除非小细胞肺癌中的研究进展 .....	孟芸畅 许 可 宋 勇	734
肺癌自身抗体在肺癌诊断中的研究进展 .....	高嘉营 金发光	739
高原肺动脉高压机制与药物治疗进展 .....	苏小慧 宋新雅 鱼 帆等	742

## 病例报告

以体位相关性咳喘为主要症状的女性 Mounier-Kuhn 综合征一例 并文献复习 .....	翁晓芹 童兰庭 张 扬等	748
多灶微结节性肺泡上皮增生一例 .....	洗诗萍 李展宇 何建忠等	752
经 EBUS-TBNA 诊断肾透明细胞癌纵膈淋巴结转移一例 .....	张晓飞 许慧芬 韩开宇	755
Montgomery-T 管长期带管生存患者一例院外延续管理 .....	王 爽 吴红梅 黄赞胜等	757

## 医学教育

“双轨”考核在医护人员规范化培训中的应用 .....	董 蕾 顾 玲 赵 颖等	759
----------------------------	--------------	-----

## 视频讲座

冷冻活检在纵膈疾病诊断技术中的应用 .....	黄赞胜	
-------------------------	-----	--

## Responsible Institution

National Health Commission  
of the People's Republic of China

## Sponsor

Chinese Medical Association  
42 Dongsi Xidajie, Beijing 100710, China

## Publishing

Chinese Medical Multimedia Press  
Limited Liability Company CO., Ltd.  
42 Dongsi Xidajie, Beijing 100710, China  
Tel: 0086-10-85158320

## Editing

Editorial Board of Chinese Journal of  
Lung Diseases (Electronic Edition)  
42 Dongsi Xidajie, Beijing 100710, China  
Tel: 0086-10-85158320  
QQ: 1299799857  
Email: xqcyjld@163.com  
<https://medpress.yigle.com/>

## Executive Chief Editor

Xu Jiancheng (徐剑铖)

## Associate Editor-in-Chief

Ren Chengshan (任成山)

## Distributing

Chinese Journal of Lung Diseases  
(Electronic Edition)  
Periodical distribution Department  
42 Dongsi Xidajie, Beijing 100710, China  
Tel: 0086-10-85158320  
QQ: 1299799857  
Email: xqcyjld@163.com

## CSSN

ISSN 1674-6902  
CN 11-9295/R

## Copyright © 2023 by the

## Chinese Medical Association

No content published by the journals of  
Chinese Medical Association maybe  
reproduced or abridged without authorization.  
Please do not use or copy the layout and  
design of the journals without permission.

All articles published represent the opinions  
of the authors, do not reflect the official  
policy of the Chinese Medical Association or  
the Editorial Board, unless this is clearly  
specified.

## CONTENTS IN BRIEF

### Expert forum

- Cognition and concept of sepsis and sequential organ failure** ..... 605  
*Jiang Dong, Ran Longyan, Lei Chuanjiang, et al*

### Expert consensus

- Expert consensus on resilience assessment in elderly patients  
with organ infection** ..... 611  
*Expert group on resilience assessment of elderly infected patients*

### Original articles

- Relationship between BRCA1/2 gene mutation and efficacy  
of platinum-base chemotherapy in driver mutation-negative  
stage III/IV non-small cell lung cancer** ..... 615  
*Wu Tianxiu, Xu Yu, Liao Xiuqing, et al*
- Correlation between cumulative specific IgE for respiratory allergens  
and the efficacy of Omalizumab for severe asthma** ..... 624  
*Ke Hua, Wang Ke, Wang Liwen*
- Granzyme B promotes bleomycin-induced pulmonary fibrosis  
by activating TGF- $\beta$ 1/Smad3 pathway** ..... 630  
*Chen Xiangjun, Gu Xing, Wang Zaiqiang, et al*
- Clinicopathological features and therapeutic efficacy  
of non-small cell lung cancer with uncommon  
EGFR mutation** ..... 635  
*You Yating, Bi Zhoukui, Guo Liang, et al*
- Efficacy of fiberoptic bronchoscopy combined with ambroxol in the  
treatment of COPD with respiratory failure and its effects  
on blood gas indicators, pulmonary function  
and blood lactate level** ..... 640  
*Liu Jiamin, Xie Xiao, Li Mei*
- Effect analysis of 75 cases of benign central airway stenosis treated  
by bronchoscopy combined with interventional therapy** ..... 645  
*Xiong Zhen, Yang Guanghui, Zheng Xiaochun, et al*

### Clinical research

- Association of serum IL-27 with prognosis in PD-1 mAb treatment  
in advanced non-small cell lung cancer** ..... 650  
*Wei Xiaohui, Su Zhixiang, Chen Wenjuan, et al*
- Correlation analysis of lactate/albumin ratio and mortality  
in acute hypoxemic respiratory failure** ..... 654  
*Chen Lingyan, Lu Jiabin, Wei Qing, et al*
- Clinical efficacy analysis of Da Vinci robot-assisted segmentectomy  
for stage IA NSCLC** ..... 658  
*Xu Xile, Xu Min*
- Effect of biological immunotherapy combined with chemoradiotherapy  
on CD3+, CD4+/CD8+, and NK in NSCLC patients** ..... 661  
*Liu Baogang, Li Leiqiang, Sun Lizhe, et al*
- Expression of IL-27, IFN- $\gamma$ , IGRA and ADA in tuberculous  
pleural effusion** ..... 664  
*Xi Suya, Shang Huanxia, He Xianghong, et al*
- Effect of active respiratory circulation technique combined  
with HRR rehabilitation exercise on pulmonary function  
and exercise capacity in patients  
with stable COPD** ..... 667  
*Dang Hui, Chen Jun, Yang Feifei, et al*
- Analysis of the efficacy of rosuvastatin calcium combined  
with the hormone airway atomization on AECOPD  
with pulmonary hypertension** ..... 670  
*Liu Yuqiang, Wu Xiuxiu, Li Xiaohui, et al*
- Effects of nintedanib on lung function and endoplasmic reticulum  
stress response in mice with pulmonary fibrosis** ..... 673  
*Xu Juan, Zhang Dangfeng*
- Effect of PCV-VG ventilation mode on safety and intraoperative  
lobectomy inspiratory peak pressure** ..... 676  
*Dong Han, Sun Zhengbo*
- Efficacy and safety analysis of enoxaparin in the treatment  
of hypertensive cerebralemorrhage with  
pulmonary embolism** ..... 679  
*Chen Ting, Xu Chengqiong, He Shaoling*

<b>Predictive significance of serum PLR and FIB on postoperative prognosis of lung cancer</b> .....	682
<i>Liu Wenlong, Wang Jie, Peng Jie, et al</i>	
<b>Application of TPVB under ultrasound in anaesthesia of laparoscopic NSCLC radical operation in the elderly and observation of postoperative analgesia effect</b> .....	685
<i>Xue Yuan, Ji Xiaoli, Wen Chuanyun, et al</i>	
<b>Cytokeratin 18 expression and correlation with prognosis in lung cancer tissues</b> .....	688
<i>Liang Kaidi, Cou Wenbin, Mo Jurong</i>	
<b>Seed distribution characteristics and risk factors for inducing fungal infections after radiotherapy and chemotherapy in lung tumor patients</b> .....	691
<i>Ma Ting, Wan Zongren</i>	
<b>Effect of adjuvant bevacizumab therapy on inflammatory, immune, and nutritional index in advanced non-squamous NSCLC patients</b> .....	694
<i>Liu Jian, Zhang Yan, Liu Chungui, et al</i>	
<b>Effect of bruceolic oil emulsion adjuvant PC regimen chemotherapy on immune function and inflammatory factors in NSCLC</b> .....	697
<i>He Hua, Zhou Yujie, Li Tian</i>	
<b>Efficacy of linezolid glucose injection in pulmonary infection of gram-positive bacteria and its effect on immune function and inflammatory response level</b> .....	700
<i>Li Guandong, Liang Wenqi, Sun Xingcheng, et al</i>	
<b>Clinical significance of NLR and qSOFA score on the prognosis of severe pneumonia in the elderly</b> .....	703
<i>Cheng Junxia, Mei Xinfang, Qing Gang, et al</i>	
<b>Clinical analysis of MR-proADM as a prognostic biomarker for community-acquired pneumonia</b> .....	706
<i>Zhang Lili, Yang Min, Shi Yani, et al</i>	
<b>Short stories</b>	
<b>Effects of modified respiratory rehabilitation training on respiratory function and quality of life after lobectomy for lung cancer</b> .....	709
<i>Jiao Jun, Cheng Meng, Jiao Chunfeng</i>	
<b>Expression and prognosis analysis of BDNF and PGRN in COPD with lower respiratory tract infection</b> .....	712
<i>He Hao, Zheng Kechun, Tang Lihua, et al</i>	
<b>AECOPD factors influencing the control window of pulmonary infection</b> .....	715
<i>Yan Jing, Liu Lei, Wang Yonghong</i>	
<b>Application of CT-guided radiofrequency ablation in the diagnosis of pulmonary ground glass nodules and analysis of risk factors for postoperative complications</b> .....	718
<i>Ren Maoling, Sun Xiaorong, He Xiaoli</i>	
<b>Prognostic correlation analysis of idiopathic pulmonary fibrosis combined with T2DM inflammation level and prognosis</b> .....	721
<i>Gu Xianyong, Xu Juan</i>	
<b>Analysis of the efficacy and mechanism of Carrilizumab combined with TP in patients with advanced lung cancer</b> .....	724
<i>Meng Junjie, Li Xiaohui, Wu Jinrong, et al</i>	
<b>Clinical effect of budesonide combined with interferon aerosol inhalation therapy on viral pneumonia</b> .....	727
<i>Gu Ling, Zhao Ying, Bo Xue, et al</i>	
<b>Clinical significance of spiral CT morphological features in the diagnosis of benign and malignant pulmonary nodules</b> .....	729
<i>Zou Mingzhu, Lan Bowen, Lin Guanlan, et al</i>	
<b>Review</b>	
<b>Research progress on biomarkers of non-small cell lung cancer platelets and exosomes of origin</b> .....	731
<i>Kang Huali, Zhang Jihang</i>	
<b>Progress of neoadjuvant immunotherapy in resectable non-small cell lung cancer</b> .....	734
<i>Meng Yunchang, Xu Ke, Song Yong</i>	
<b>Research progress of lung cancer autoantibodies in lung cancer diagnosis</b> .....	739
<i>Gao Jiaying, Jin Faguang</i>	
<b>Mechanism of high altitude pulmonary hypertension and progress of drug treatment</b> .....	742
<i>Su Xiaohui, Song Xinya, Yu Fan, et al</i>	
<b>Case report</b>	
<b>One case of Mounier-Kuhn syndrome in female with postulation-related cough and literature review</b> .....	748
<i>Weng Xiaoqin, Tong Lanting, Zhang Yang, et al</i>	
<b>One case of multifocal micronodular alveolar epithelial hyperplasia</b> .....	752
<i>Xian Shiping, Li Zhanyu, He Jianzhong, et al</i>	
<b>One case of mediastinal lymph node metastasis of renal clear cell carcinoma by EBUS-TBNA</b> .....	755
<i>Zhang Xiaofei, Xu Huiifen, Han Kaiyu</i>	
<b>continued management of one case of Montgomery-T patients with long-term tube survival outside hospital</b> .....	757
<i>Wang Shuang, Wu Hongmei, Huang Zansheng, et al</i>	
<b>Medical education</b>	
<b>Application of "dual-track" assessment in standardized training of medical staff</b> .....	759
<i>Dong Lei, Gu Ling, Zhao Ying, et al</i>	
<b>Video lecture</b>	
<b>Application of frozen biopsy in diagnosis of mediastinal diseases</b> .....	Huang Zansheng