

## TABLE OF CONTENTS

Factors Associated with the Outcomes of Patients with Hospital-Acquired Pneumonia (HAP) at Dr. Moewardi Hospital, Surakarta

Diabetes Mellitus Associated with Sputum Conversion Time in Drug-Resistant Pulmonary TB Patients at Dr. Soebandi Regional Hospital, Jember

Effect of Different Levofloxacin Doses on QTc Interval Prolongation in Multidrug-Resistant Tuberculosis Patients Treated with the 9-Month All-Oral Regimen

Neutrophil-Lymphocyte Ratio (NLR) as a Prognostic Marker in Advanced Lung Cancer Patients Undergoing First-Line Treatment

Vitamin C Intake and Anti-Tuberculosis Drugs-Induced Hepatitis in Pulmonary Tuberculosis Patients

Volatile Organic Compounds (VOC) and Serum Leukotriene B4 between COPD Patients and COPD with Lung Cancer Patients

Assessment of Quality of Life in Advanced-Stage Lung Cancer Patients Using EORTC QLQ-C30 Questionnaire

Right Lung Agenesis Associated with Dextrocardia in Adulthood

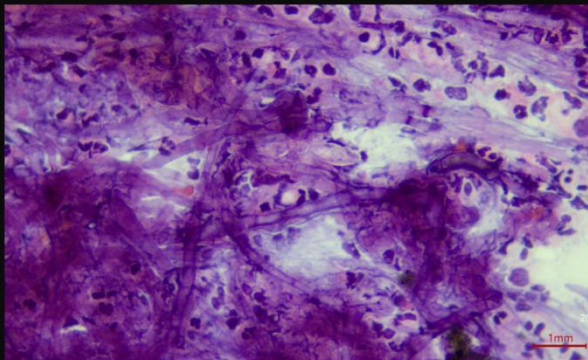
A Rare Case of Pulmonary Tuberculosis Masquerading as Laryngeal Tuberculosis or Malignant Manifestation

Chronic Pulmonary Aspergillosis with Tracheobronchial Involvement

The Role of Gut Microbiota as a Trigger for Exacerbations in Pulmonary Obstruction Disorder in General

The Cancer Mycobiome: A Highlight to Lung Cancer

Late Onset Asthma: A Review

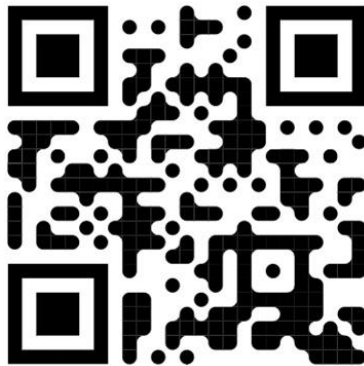


**JURNAL RESPIRASI**

**Vol 10 (3) 2024**

*Jurnal Respirasi now comes in handy:*

[s.id/jurnalrespirasi](https://doi.org/10.24127/jurnalrespirasi)



## INTRODUCTION

**Jurnal Respirasi (JR)** ([p-ISSN: 2407-0831](#), [e-ISSN: 2621-8372](#)) was previously named [Majalah Kedokteran Respirasi \(MKR\)](#), which was established in 2010. The chief editor of MKR was Yusuf Wibisono, dr., Sp.P(K), FCCP. In 2015, MKR changed its name to **JR** with Winariani Koesoemoprodjo, dr., Sp.P(K), MARS, FCCP as its chief editor.

**JR** is a peer-reviewed national journal created by [the Department of Pulmonology and Respiratory Medicine](#), Faculty of Medicine, Universitas Airlangga, Surabaya, Indonesia. **JR** is published by Universitas Airlangga, Surabaya, Indonesia. **JR** is published three times a year, every January, May, & September, and contains 9 (nine) complete texts in English. **JR** provides a forum for original articles, case reports, and literature reviews.

## ACCREDITATION

**JR** has been accredited as a 2<sup>nd</sup> Grade Scientific Journal (**SINTA 2**) by the Ministry of Research, Technology, and Higher Education, Republic of Indonesia (RISTEKDIKTI RI) since August 2023 based on the [Decree of the Director General of Research and Development Strengthening No. 79/E/KPT/2023](#) on 24 July 2023.

## INDEXATION

**Jurnal Respirasi** was also accepted for indexation in [DOAJ](#) on 3 January 2022.

## INDEXED BY:



**JR** ([p-ISSN: 2407-0831](#), [e-ISSN: 2621-8372](#)) is licensed under [Creative Commons Attribution-ShareAlike 4.0 International License](#).

## EDITORIAL BOARD

### EDITOR IN CHIEF

[Winariani Koesoemoprodjo, dr., Sp.P\(K\), MARS, FCCP](#), Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, Universitas Airlangga, Surabaya, Indonesia

### DEPUTY EDITOR

[Dr. Isnin Anang Marhana, dr., Sp.P\(K\), FCCP, FISR, FAPSR](#), Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, Universitas Airlangga, Surabaya, Indonesia

### EDITORIAL BOARD MEMBERS

1. [Prof. Jae Gook Shin, MD., Ph.D.](#), Department of Pharmacology and Clinical Pharmacology, Inje University College of Medicine, Korea, Republic of
2. [Chung-yu Chen, MD., M.Sc., Ph.D.](#), Division of Pulmonary and Critical Care Medicine, Department of Internal Medicine, College of Medicine, National Taiwan University, China
3. [Dr. Laksmi Wulandari, dr., Sp.P\(K\), FCCP](#), Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, Universitas Airlangga, Surabaya, Indonesia
4. [Anissa Nofita Sari, S.Si., M.Sc., Ph.D.](#), Cellular and Molecular Biotechnology Research Institute, National Institute of Advanced Industrial Science and Technology, Japan
5. [Fadhil Ahsan, dr., M.Sc., Ph.D.](#), Universitätsklinikum Würzburg, Bavaria, Germany
6. [Dr. Irawaty Djaharuddin Muzakkir, dr., Sp.P\(K\)](#), Department of Internal Medicine, Faculty of Medicine, Universitas Hasanuddin, Makassar, Indonesia
7. [Prof. Dr. Muhammad Amin, dr., Sp.P\(K\)](#), Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, Universitas Airlangga, Surabaya, Indonesia
8. [Haryati, dr., Sp.P\(K\), FIPSR, FAPSR](#), Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, University of Lambung Mangkurat, Banjarmasin, Indonesia, Indonesia
9. [Marwan, dr., M.Kes., Sp.P.](#), Faculty of Medicine, Mulawarman University, Samarinda, Indonesia, Indonesia

### MANAGING EDITOR

[Alfian Nur Rosyid, dr., Sp.P\(k\), FAPSR., FCCP](#), Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, Universitas Airlangga, Surabaya, Indonesia

### ASSISTANT EDITOR

1. [Alifia Fiarnanda Putri, S.KM.](#), Universitas Airlangga, Indonesia
2. [Cindy Belinda Ramadhanty, S.Hum., M.Hum.](#), Universitas Airlangga, Indonesia

## **FOCUS AND SCOPE**

**JR** publishes various scientific works on the medical world, especially in the field of Pulmonology and Respiratory Medicine, such as:

- Acute and chronic obstructive pulmonary disease
- Air pollution and lung disease
- Allergy and immunology
- Occupational respiratory disease
- Pulmonology education
- Pulmonary infection
- Pulmonary intervention
- Pulmonary rehabilitation
- Pulmonary and respiratory health technology
- Respiratory critical care
- Sleep and respiratory medicine
- Smoking-related lung disease
- Thoracic oncology



## METADATA

Metadata associated with this Archival Unit includes:

Journal URL	<a href="https://e-journal.unair.ac.id/JR">https://e-journal.unair.ac.id/JR</a>
Title	Jurnal Respirasi
Publisher	<a href="#">Faculty of Medicine Universitas Airlangga</a>
Description	Jurnal Respirasi (JR)
Keywords	Tuberculosis; Pneumonia; Lung Cancer; Asthma; Chronic Obstructive Pulmonary Disease (COPD); Asthma-COPD Overlap Syndrome (ACOS); Mediastinal Tumor; Pleural Effusion; Pneumothorax; Fluidopneumothorax; Chemotherapy; Radiotherapy; Superior Vena Cava Syndrome (SVCS); Cor Pulmonale; Atelectasis; Hemoptysis; Respiratory Distress; Lung Work; Pneumoconiosis; Obstructive Sleep Apnea (OSA); Lung Mycosis; Pneumocystis carinii; Middle East Respiratory Syndrome Coronavirus (MERS CoV); Severe Acute Respiratory Syndrome (SARS); Endobronchial Ultrasound Bronchoscopy Procedure (EBUS); Pleurodesis; Thoracoscopy; Thoracocentesis; Ventilator; Non-Invasive Ventilation (NIV); Public Health; Respiratory Medicine
Language(s)	English (en_US)
Publisher Email	<a href="mailto:respirasi@journal.unair.ac.id">respirasi@journal.unair.ac.id</a>
Copyright	<ol style="list-style-type: none"><li>1. The journal allows the author to hold the copyright of the article without restrictions.</li><li>2. The journal allows the author(s) to retain publishing rights without restrictions</li><li>3. The legal formal aspect of journal publication accessibility refers to Creative Commons Attribution Share-Alike (CC BY-SA).</li><li>4. The Creative Commons Attribution Share-Alike (CC BY-SA) license allows re-distribution and re-use of a licensed work on the conditions that the creator is appropriately credited and that any derivative work is made available under “the same, similar or a</li></ol>

compatible license". Other than the conditions mentioned above, the editorial board is not responsible for copyright violation.



LOCKSS system has permission to collect, preserve, and serve this Archival Unit.



Open Journal Systems was developed by the Public Knowledge Project.

## TABLE OF CONTENTS

<b>ORIGINAL ARTICLE</b>	<b>Pages</b>
<b>Factors Associated with the Outcomes of Patients with Hospital-Acquired Pneumonia (HAP) at Dr. Moewardi General Hospital, Surakarta</b> <i>Natasha Nawanindha, Leli Saptawati, Vitri Widyaningsih</i>	186-194
<b>Diabetes Mellitus Associated with Sputum Conversion Time in Drug-Resistant Pulmonary TB Patients at Dr. Soebandi Regional General Hospital, Jember</b> <i>Nahla Ahmad Rahami, Rosita Dewi, Angga Mardro Raharjo, Choliz Abrori, Yuli Hermansyah, Muhammad Ali Shodikin</i>	195-202
<b>Effect of Different Levofloxacin Doses on QTc Interval Prolongation in Multidrug-Resistant Tuberculosis Patients Treated with the 9-Month All-Oral Regimen</b> <i>Soedarsono Soedarsono, Vicky Reinold Christofel Rampengan, Catur Agustiyanto, Yong-Soon Cho</i>	203-208
<b>Neutrophil-Lymphocyte Ratio (NLR) as a Prognostic Marker in Advanced Lung Cancer Patients Undergoing First-Line Treatment</b> <i>Dinda Ary Miranda Dewi, Ungky Agus Setyawan, Liana Karliasari</i>	209-213
<b>Vitamin C Intake and Anti-Tuberculosis Drugs-Induced Hepatitis in Pulmonary Tuberculosis Patients</b> <i>Hadiati Rabbani, Fariz Nurwidya, Diyah Eka Andayani, Heidy Agustin, Shaogi Syam</i>	214-221
<b>Volatile Organic Compounds (VOC) and Serum Leukotriene B4 between COPD Patients and COPD with Lung Cancer Patients</b> <i>Susanthy Djajalaksana, Aditya Sri Listyoko, Kevin Wahyudy Prasetyo, Arinto Yudi Ponco Wardoyo</i>	222-227
<b>Assessment of Quality of Life in Advanced-Stage Lung Cancer Patients Using EORTC QLQ-C30 Questionnaire</b> <i>Ariantika Ariantika, Rahayu Lubis, Asfriyati Asfriyati, Taufik Ashar, Nurmaini Nurmaini, Noni Novisari Soeroso, Kamal Basri Siregar, Darren Wan-Teck Lim</i>	228-235
<b>CASE REPORT</b>	
<b>Right Lung Agenesis Associated with Dextrocardia in Adulthood</b> <i>Made Yogi Krisnanda, Luh Putu Feby Sriandari, Sheila Gerhana Darmayanti, Gede Ngurah Rsi Suwardana</i>	236-242
<b>A Rare Case of Pulmonary Tuberculosis Masquerading as Laryngeal Tuberculosis or Malignant Manifestation</b> <i>Jamaluddin Madolangan, Muhammad Fiqran, Muhammad Affan, Bumi Herman</i>	243-248
<b>Chronic Pulmonary Aspergillosis with Tracheobronchial Involvement</b> <i>Yosua Kevin Hermawan, Anak Agung Ngurah Satya Pranata, Wayan Wahyu Semara Putra, I Wayan Sunaka, Novitasari Novitasari, Cokorda Rio Angelina</i>	249-256



**REVIEW ARTICLE**

**The Role of Gut Microbiota as a Trigger for Exacerbations in Pulmonary Obstruction Disorder in General** 257-264

*Dewi Wijaya, Elvando Tunggul Mauliate Simatupang, Yolanda Julia Perel Putri, Adelia Pratiwi, Dewi Anggraini, Shaogi Syam*

**The Cancer Mycobiome: A Highlight to Lung Cancer** 265-271

*Edho Yuwono, Jamal Zaini, Anna Rozaliyani*

**Late-Onset Asthma: A Review** 272-279

*Yandi Noer Moelamsyah, Faisal Yunus, Fariz Nurwidya, Bagus Radityo Amien*