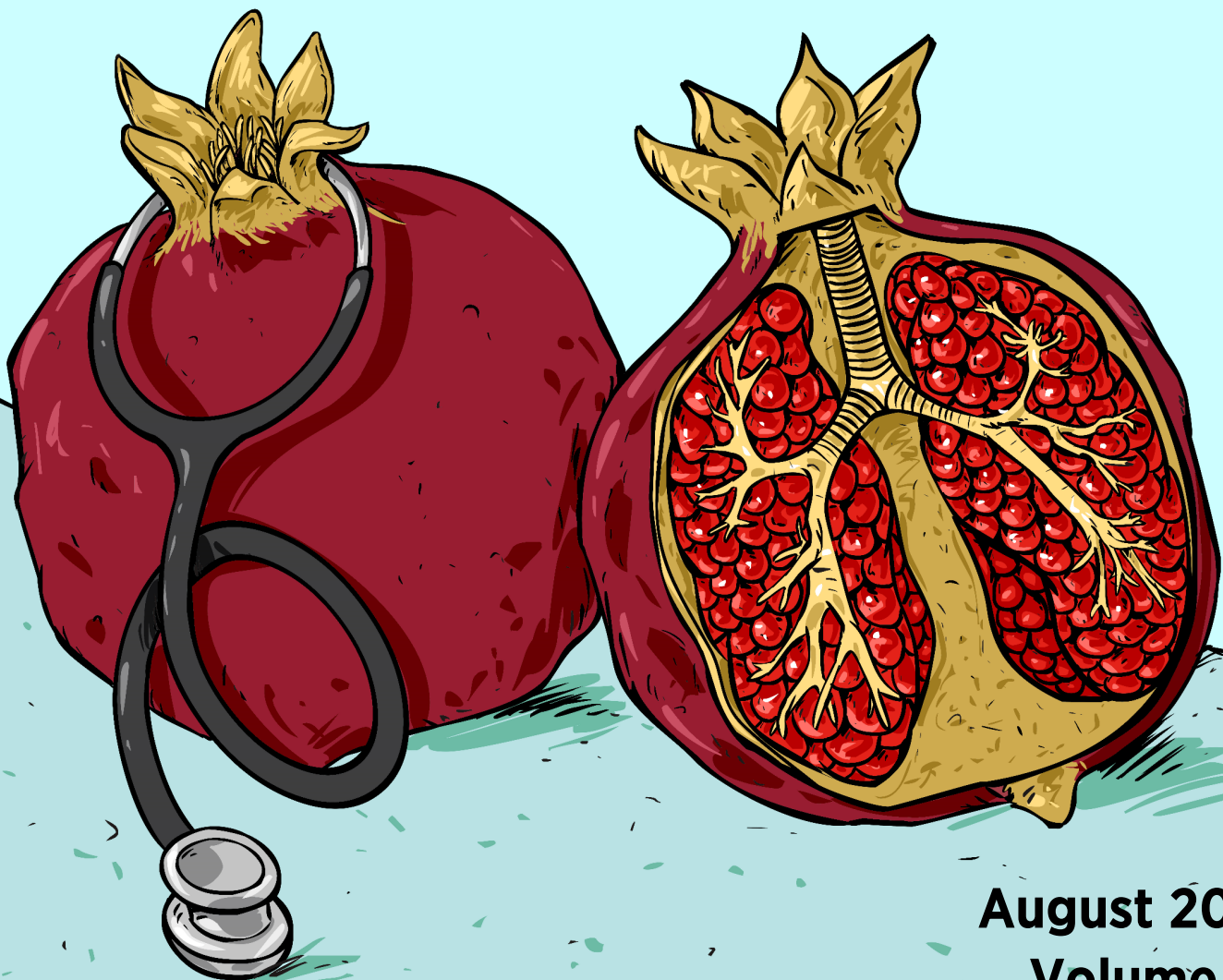


ISSN: 2516-3507

# **ELECTRONIC JOURNAL OF GENERAL MEDICINE**



**August 2021  
Volume 18  
Issue 4**

Published by: **Modestum Publishing LTD**

Publication Office: 29 Gildredge Road, Eastbourne, East Sussex, BN21 4RU, United Kingdom

Phone: +44 7432 276676

Email: [publications@modestum.co.uk](mailto:publications@modestum.co.uk)

Publisher: <https://www.modestum.co.uk>

Journal Web: <https://www.ejgm.co.uk>

© 2004-2021. All rights reserved by Modestum Publishing LTD. Copyright for Open Access Content is Retained by Authors. Also, authors continue to hold the copyrights of their own papers by acknowledging that their papers are originally published in the Electronic Journal of General Medicine. Hence, articles published are licensed under a "Creative Commons Attribution 4.0 International License."

ISSN: 2516-3507 (Online)

# **ELECTRONIC JOURNAL OF GENERAL MEDICINE**

August 2021

Volume 18

Issue 4



*This page is intentionally left blank*

## ELECTRONIC JOURNAL OF GENERAL MEDICINE

---

**Electronic Journal of General Medicine** (*Abbrev. Electron J Gen Med*) is an English multidisciplinary double-blind peer-reviewed open-access medical journal publishing articles in the fields of general medicine with ISSN 2516-3507. **Electronic Journal of General Medicine** is published bimonthly (February, April, June, August, October and December).

**Electronic Journal of General Medicine** encourages submissions from all authors throughout the world. Manuscripts are judged by two experts solely on the basis of their contribution of original data, ideas and their presentation. All manuscripts must comply with Manuscript Preparation Guidelines and Publication Ethics. The following articles will be considered for publication: editorials, original and review articles, brief reports/short communications, case reports, letters to the editor, interviews, and book reviews. Submitted manuscripts must not have been published, accepted for publication or be under consideration elsewhere.

**Modestum Publishing LTD** (the publisher of **Electronic Journal of General Medicine**) publishes the articles under the terms of [Creative Commons Attribution License](#) allowing the work to be used, downloaded, copied, redistributed, remixed, transformed and built upon in any medium without restriction, even for commercial use. Copyright for Open Access content is retained by author(s).

## AIMS AND SCOPE

---

**Electronic Journal of General Medicine** publishes original articles in the following areas:

### Basic Sciences

- Anatomy
- Biophysics
- Biostatistics
- Physiology
- Histology and Embryology
- Medical Biochemistry
- Medical Biology
- Biostatistics
- Medical Education and Informatics
- Medical Microbiology
- Medical History and Ethics

### Medical Sciences

- Cardiology
- Chest Diseases
- Emergency Medicine
- Family Medicine
- Forensic Medicine
- Infectious Diseases and Clinical Microbiology
- Internal Medicine
- Medical Genetics

- Medical Pharmacology
- Neurology
- Nuclear Medicine Pediatrics
- Public Health
- Radiation Oncology
- Radiology
- Sports Medicine
- Child and Adolescent Psychiatry
- Dermatology
- Physical Medicine and Rehabilitation
- Psychiatry

### **Surgical Sciences**

- Anesthesiology and Reanimation
- Pediatric Surgery
- General Surgery
- Chest Surgery
- Cardiovascular and Thoracic
- Ophthalmology
- Obstetrics and Gynecology
- Otorhinolaryngology
- Neurosurgery
- Orthopedics and Traumatology
- Medical Pathology
- Plastic Reconstructive and Aesthetic Surgery
- Urology

## INDEXING AND ABSTRACTING

---

**Electronic Journal of General Medicine** is indexed and/or abstracted in:

- Web of Science – Emerging Sources Citation Index (ESCI)
- Scopus
- ROAD
- CINAHL
- EBSCO
- CrossRef
- EMBASE
- CAB Abstracts
- Library Ru
- Bioline International
- Chemical Abstracts Service
- Academic Search Complete
- Scilit
- Google Scholar

## EDITORIAL BOARD

---

### Editors

- Dr. Abdzhappar Gaipov, Nazarbayev University, School of Medicine, Nur-Sultan, Kazakhstan
- Dr. Fu-Chen Kuo, I-Shou University, College of Medicine, Kaohsiung, Taiwan
- Dr. Marcos Roberto Tovani-Palone, University of São Paulo, Ribeirão Preto, SP, Brazil
- Dr. Ruben Blachman-Braun, National Institute of Cardiology, Mexico City, Mexico
- Dr. Shantanu Solanki, Guthrie Robert Packer Hospital, PA, USA
- Namrata Singhania, MD, Mount Carmel East Hospital, Columbus, & Family Medicine, Ohio University Heritage College of Osteopathic Medicine, Athens, Ohio, USA

### Editorial Board Members

- Dr. Abdulbaki "Baki" Agbas, Kansas City University of Medicine and Biosciences, USA
- Dr. Ahmed El-nawawy, Pediatrics & Pediatric Critical Care, Alexandria University, Egypt
- Dr. Ahmed Abushahin, Pediatric Pulmonology, Sidra Medicine, Doha, Qatar
- Dr. Alfio Ferlito, University of Udine, Italy
- Dr. Ali Mohammad Ibrahim Al-Radaideh, The Hashemite University, Jordan
- Dr. Andre Kahn, Queen Fabiola Children's University Hospital, Belgium
- Dr. Bilal Lashari, Abington Jefferson Health, USA
- Dr. Birnur Yilmaz, Okan University, Turkey
- Dr. BMDB Basnayake, Teaching Hospital Kandy, Sri Lanka
- Dr. Cheng-Wei Liu, Tri-service General Hospital, Taiwan
- Dr. Ching-Kuo Wei, Oriental Institute of Technology, Taiwan
- Dr. Dagmar Eigner, Medical University of Vienna, Austria
- Dr. Dave D Chadee, The University of the West Indies, Trinidad and Tobago
- Dr. David W. Holt, St George's University of London, UK
- Dr. Demian Arturo Herrera Morban, Hospital Infantil Dr Robert Reid Cabral, Dominican Republic
- Dr. Emile Darai, Pierre and Marie Curie University - Paris 6, France
- Dr. Erwin Hernando Hernández Rincón, Universidad de La Sabana, Spain
- Dr. Gabriela Sanchez-Petitto, University of Texas Health Science Center at Houston, USA
- Dr. Georgia Gioula, Aristotle University of Thessaloniki, Greece
- Dr. Gerard Criner, Temple University Health System Lung Center, USA

- Dr. Gernot Schulte-Altendorneburg, University of Munich, Germany
- Dr. Gianluigi Bisleri, The KGH Research Institute (KGHRI) & Queen's University, Canada
- Dr. Giovanni Improta, University of Naples "Federico II", Italy
- Dr. Gjumrakch Aliev, GALLY International Biomedical Research & Consulting, USA
- Dr. Gregory G. Homish, University of Buffalo, USA
- Dr. Harunor Rashid, The University of Sydney, Australia
- Dr. Hyeon Ju Kim, Jeju National University, Republic of Korea
- Dr. Joe James, Government Medical College Kozhikode, India
- Dr. Kechide Melek, Fattouma Bourguiba University Hospital, Monastir, Tunisia
- Dr. Khodabakhsh Javanshir, Physiotherapy Department, Babol University of Medical Sciences, Iran
- Dr. Magdalena Lachowska, Medical University of Warsaw, Poland
- Dr. Makram Koubaa, Hedi Chaker University Hospital, Tunisia
- Dr. Maryam Baradaran Binazir, Tabriz University of Medical Science, Iran
- Dr. Mohammad Asif Hussain, King Abdulaziz University, Saudi Arabia
- Dr. Naotaka Hamasaki, Nagasaki International University, Nagasaki, Japan
- Dr. Nicolino Ambrosino, Scientific Director of Auxilium Vitae Volterra, Italy
- Dr. Ohnmar Htwe, University Kebangsaan Malaysia, Malaysia
- Dr. Orish Chinna Nneka, University of Port Harcourt, Nigeria
- Dr. Osama H. Al-Jiffri, King Abdulaziz University, Saudi Arabia
- Dr. Özdem Nurluöz, Near East University, N. Cyprus
- Dr. Patil Shital, MIMSR Medical College, India
- Dr. Petar Avramovski, Higher Medical School, JZU Clinical Hospital "Dr. Trifun Panovski", Republic of Macedonia
- Dr. Potu Bhagath Kumar, Arabian Gulf University, Kingdom of Bahreyn
- Dr. Praveen Kumar Potukuchi, University of Tennessee, USA
- Dr. Rahmat A. Khan, University of Science and Technology Bannu, Pakistan
- Dr. Raida Ben Salah, Hédi Chaker University Hospital, Tunisia
- Dr. Rajendra Shrestha, West China Hospital, China
- Dr. Rizwan Ishtiaq, Beth Israel Deaconess Medical Center - Harvard Medical School, USA
- Dr. Roger W. Byard, The University of Adelaide, Australia
- Dr. Ruben Blachman-Braun, National Institute of Cardiology, Mexico City, Mexico



Dr. Seyhan Hasirci, Koblenz University, Germany

Dr. Shigeyuki Kano, National Center for Global Health and Medicine in Japan, Japan

Dr. Simona Gurzu, University of Medicine and Pharmacy of Tirgu Mures, Romania

Dr. Suhail Ahmad, University of Washington, USA

Dr. Su-Ying Tsai, I-Shou University, Taiwan

Dr. Udai P. Singh, University of South Carolina Columbia, USA

Dr. Veysel Kayser, The University of Sydney, Australia

Dr. Vincenzo Russo, University of Campania "Luigi Vanvitelli", Italy

Dr. Viroj Wiwanitkit, Chulalongkorn University, Thailand

Dr. Vladimir J. Šimunović, University of Split, Republic of Croatia

Dr. Yogesh Shejul, Homi Bhabha National Institute, India & BARC Hospital, India

## CONTENTS

---

### Letter to Editor

**Association between Hypertension and Immunosuppression in SARS-CoV-2 Infection** em297

*Diego Chambergo-Michilot, Isidro Percy Chambergo Campos*

<https://doi.org/10.29333/ejgm/10867>

---

### Original Article

**Associated Factors with the Success Rate of Laparoscopic Surgery for Fallopian Tubal Occlusion in Vietnamese Infertile Women** em298

*Thang Nguyen Manh, Thanh Pham Hai, Pau Loke Show, Nhon Bui Van, Hue Dao Thi, Linh Pham Thi*

<https://doi.org/10.29333/ejgm/10868>

---

### Review Article

**An Updated Overview of Herpes Simplex Virus-1 Infection: Insights from Origin to Mitigation Measures** em299

*Abu Tayab Moin, Mohammad Al-baruni Chowdhury, Sumaiya Hafiz Riana, Md. Asad Ullah, Yusha Araf, Bishajit Sarkar, Abdullah Mohammad Shohael*

<https://doi.org/10.29333/ejgm/10869>

---

### Letter to Editor

**COVID-19 and Refractive Errors: A New Potential Threat for Children and Adolescents** em300

*Lorenzo Ferro Desideri, Fabio Barra, Marcos Roberto Tovani-Palone*

<https://doi.org/10.29333/ejgm/10870>