



E-ISSN 2774-0048

Clinical Critical Care

VOLUME 33 NUMBER 1
JANUARY-DECEMBER 2025

Annual overview of Clinical Critical Care 2025: Publication performance, scholarly trends, reviewer, and future directions

Suthat Rungruanghiranya¹, Kaweesak Chittawatanarat²

¹Department of Internal Medicine, Faculty of Medicine, Kasetsart University, Thailand, 10900;

²Department of Surgery, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand, 50200

OPEN ACCESS

Citation:

Rungruanghiranya S, Chittawatanarat K. Annual overview of Clinical Critical Care 2025: Publication performance, scholarly trends, reviewer, and future directions. Clin Crit Care 2025; 33: e250025.

Received: December 23, 2025

Revised: December 24, 2025

Accepted: December 24, 2025

Copyright:

© 2021 The Thai Society of Critical Care Medicine. This is an open access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

Corresponding author:

Kaweesak Chittawatanarat
Department of Surgery, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand, 50200
Tel: (+ 66) 53-935-533
E-mail: kaweesak.chittaw@cmu.ac.th

ABSTRACT:

Clinical Critical Care continues to serve as an academic platform dedicated to advancing knowledge and clinical practice in critical care medicine. In 2025, the journal achieved its highest annual publication volume since its inception, reflecting sustained growth in scholarly engagement and content diversity. This editorial summarizes the journal's background, publication statistics, and trends during the past year, highlights reviewer contributions, and outlines strategic directions aimed at maintaining publication quality and advancing toward higher international indexing databases, including Scopus. These developments underscore the journal's commitment to scientific rigor, ethical publishing, and its role in strengthening the critical care community both nationally and internationally.

INTRODUCTION

Clinical Critical Care is an academic journal established to disseminate high-quality scientific knowledge in the field of critical care medicine, encompassing multidisciplinary perspectives from internal medicine, surgery, anesthesiology, emergency medicine, nursing, and allied health professions. The journal aims to support evidence-based practice, promote clinical excellence, and encourage academic collaboration among critical care professionals.

Since its establishment, the journal has emphasized rigorous peer review, ethical publishing standards, and accessibility through an open-access platform. Supported by the Thai Society of Critical Care Medicine, *Clinical Critical Care* has progressively expanded its scope and visibility, serving as an important national forum for clinical research, reviews, guidelines, and scholarly discussion relevant to critically ill patients.

PUBLICATION STATISTICS AND TRENDS

The year 2025 marked a significant milestone for *Clinical Critical Care*, with a total of 25 articles published, representing the highest annual output during the 2021–2025 period and contributing to a cumulative total of 92 publications. This increase reflects both heightened manuscript submissions and the journal's growing relevance within the critical care community.

A diverse range of article types was published, demonstrating balanced scholarly coverage. Review Articles constituted the largest proportion ($n = 9$), emphasizing the journal's role in knowledge synthesis and continuing medical education. Case Reports ($n = 5$) highlighted rare conditions and complex clinical scenarios, while Original Articles ($n = 4$) contributed novel data to clinical practice and research. Additional publications included Editorials ($n = 3$), Research Protocols ($n = 2$), and individual contributions in Guidelines, Meta-analysis, and Letters to the Editor. The title of articles on 2025 was presented as Table 1.

Editorial performance indicators further reflect an efficient and structured peer-review process, with a median time to first editorial decision of approximately 10 days, an acceptance rate of 70%, and a rejection rate of 30%. The continued submission of research protocols, a total of 33 over five years, indicates robust upstream research activity and future publication potential.

Table 1. Publication title on *Clinical Critical Care* 2025.

Number	Author	Title	Section
e250001	Pipu Tavornshevin, Napplika Kongpolprom	Bilateral spontaneous pneumothorax in undiagnosed asthma in an adult	Case Report
e250002	Chaianan Sodapak	Remembering Professor Emeritus Lady Dr. Putipannee Vorakitpokatorn: A visionary anesthesiologist and ICU pioneer	Editorial
e250003	Kaweesak Chittawatanarat, Suthat Rungru-anghiranya	Publications in 2024 and reviewers in 2021 - 2024 on Clinical Critical Care and indexing in Thai-Journal Citation Index - Tier 1 (valid 2025 - 2029)	Editorial
e250004	Suchanun Lao-amornphunkul, Nattaya Raykateeraroj, Nuanprae Kitisin	Assessment of sleep quality in the Intensive Care Unit: A comprehensive review of tools and techniques	Review Articles
e250005	Natthida Owattanapanich, Natyada Boonchana	Diastolic shock index: Its importance and application in critically ill patients: A narrative review	Review Articles
e250006	Peerapat Thanapongsatorn, Massupa Krisem, Sahaporn Wathanawanichakun	Simultaneous extracorporeal liver and cardiorespiratory support with double plasma molecular absorption system and extracorporeal membrane oxygenation: A case report	Case Report
e250007	Nutnicha Suntornlekha, Pattaporn Tajarnmuang, Manit Srisurapanont, Kaweesak Chittawatanarat	Benefit of inodilators in septic shock patients: A systematic review and network meta-analysis	Meta-Analysis
e250008	Jitanong Sootlek, Ranistha Ratanarat	Electrical impedance tomography in critical care: Advancing bedside respiratory monitoring and ventilation management	Review Articles
e250009	Touchapong Taksinwarajarn, Tananchai Petnak	Management of critically ill obstetric patients	Review Articles
e250010	Karuna Chavalertsakul, Jakkrit Laikitmonghkhon	Viscoelastography interpretation	Review Articles
e250011	Pawarisa Chaisuthikun, Kittikorn Kittirukwarakorn, Nattanon Pornchaisakuldee	Diagnosis of brain death	Review Articles
e250012	Nonpisit Tangkitkiatkul, Taweevat Assavapokee	Diaphragmatic ultrasound: A clinical perspective on diaphragm function in the ICU	Review Articles
e250013	Nipaporn Chuntratip, Piyatida Borvornsudhasin, Sudarat Tippinit	The development of clinical nursing practice guideline (CNPg) for patients undergoing coronary artery bypass graft surgery	Original Articles

Table 1. (Continued) Publication title on *Clinical Critical Care* 2025.

Number	Author	Title	Section
e250014	Thanadate Sirithanasarn, Jaras Pitawiwathan-anont, Anan Chuasuwan	End expiratory occlusion test and tidal volume challenge test for assess fluid responsiveness in prone patients	Original Articles
e250015	Nuttapon Lertkankasuk, Jaras Pitawiwathan-anont, Anan Chueasuwan	Effect of positive end-expiratory pressure on intracranial pressure in post cranial surgery using ultrasonic imaging measure-ment the optic nerve sheath diameter	Original Articles
e250016	Panu Boontoterm, Siraruj Sakoolnamarka, Peera Nakla-or, Prateep Phontien, Pusit Fuengfoo	The treatment and monitoring of aneurys-mal subarachnoid hemorrhage in critically ill patients	Review Articles
e250017	Suneerat Kongsayreepong, Phongsatorn Janyong	Platypnea and orthodeoxia syndrome due to a right-to-left shunt via the foramen ovale in the absence of pulmonary hyper-tension after orthotopic liver transplanta-tion: Sequelae leading to brain abscess: A case report	Case Report
e250018	Chompoonut Achavanuntakul, Karikarn Auksornchat	Overcoming combined shock: Hydrocor-tisone's role in adrenal insufficiency after unilateral adrenal gland injury - case report	Case Report
e250019	Sawita Cowawintaweewat, Napplika Kong-polprom	Effects of nasal continuous positive airway pressure compared with high flow nasal cannula on the coordination between swallowing and breathing in post-extuba-tion patients, a randomized crossover study	Research Protocol
e250020	Adisak Chaisrima, Kaweesak Chittawatanarat, Konlawij Trongtrakul	Calcium channel blocker overdose in real world practice: A case report	Case Report
e250021	Nuwara Pornawalai, Ranistha Ratanarat, Tanuwong Viarasilpa	Effect of dynamic arterial elastance and assisted fluid management software guided resuscitation in septic shock: Pilot study	Research Protocol
e250022	Pitirat Panpruang, Sahaphume Srisuma	Irritant and asphyxiant gases	Review Articles
e250023	Noppon Taksaudom, Chawakorn Leampri-boon, Thitipong Tepsuwan, Apichat Tantra-worasin, Yutthaphan Wannasopha, Amarit Pothikul, Surin Woragidpoonpol	Diagnostic value of mediastinal/chest ratio in acute traumatic aortic injury	Original Articles
e250024	Camila Gomes Dall'Aqua, Bruno Vinícius Castello Branco, André Luis Vieira Drumond, Marina Ayres Delgado	Metaraminol in critical care and anes-thesia: A safe alternative for hypotension management?	Letter to the Editor
e250025	Suthat Rungruanghiranya, Kaweesak Chit-tawatanarat	Annual overview of Clinical Critical Care: Publication performance, scholarly trends, reviewer, and future directions	Editorial

INDEXING STATUS AND FUTURE DIRECTION

A major achievement in 2025 was the journal's official inclusion in the Thai-Journal Citation Index (TCI) Tier 1 [1], with certification valid from January 2025 through December 2029. This recognition affirms the journal's adherence to national quality standards in academic publishing and represents a critical step toward broader international visibility.

Looking ahead, *Clinical Critical Care* is committed to maintaining and enhancing publication quality through strict peer-review standards, editorial transparency, and adherence to international reporting guidelines. Strategic priorities include improving citation performance, increasing international authorship and readership, and strengthening editorial governance. These efforts aim to position the journal for inclusion in higher-tier international indexing databases, such as Scopus, and other recognized bibliographic platforms.

REVIEWERS IN 2025

The success of *Clinical Critical Care* is fundamentally supported by its peer reviewers. In 2025, 39 expert reviewers (Table 2) from diverse institutions and subspecialties contributed their time and expertise to ensure scientific accuracy, methodological rigor, and clinical relevance. Their constructive feedback played a vital role in enhancing manuscript quality and maintaining the integrity of the publication process.

The editorial board expresses sincere appreciation to all reviewers for their professionalism, dedication, and commitment to academic excellence. Their contributions are essential to sustaining the journal's standards and fostering a culture of scholarly collaboration.

Table 2. *Clinical Critical Care* Reviewers in 2025.

	Reviewer Name	Position	Institution
	Aosaree Akaraborworn	Associate Professor M.D.	Department of Surgery, Faculty of Medicine, Prince of Songkhla University, Songkhla, Thailand
	Chaianan Sodapak	M.D.	Division of Anesthesia and Critical Care Medicine, Sunpasittiprasong Hospital, Ubon Ratchathani, Thailand
	Chutima Jiranakorn	Assistant Professor M.D.	Division of Internal Medicine and Critical Care Medicine, Hat Yai Hospital, SongKhla, Thailand
	Jirapong Vongsfak	Assistant Professor M.D.	Division of Neurosurgery, Department of Surgery, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
	Jonathan A Tangsrivimol	M.D.	Division of Neurosurgery, Princess Srisavangavadhana Faculty of Medicine, Chulabhorn Royal Academy, Bangkok, Thailand
	Kaweesak Chittawatanarat	Professor M.D.; Ph.D.	Division of Trauma and Surgical Critical Care; Department of Surgery, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
	Keiichi Tada	M.D.	Division of Anesthesiology and Critical Care Medicine, Hiroshima Seaside Hospital, Hiroshima, Japan

Table 2. (Continued) *Clinical Critical Care* Reviewers in 2025.

        	Reviewer Name	Position	Institution
	Natsuda Phothikun	M.D.	Department of Anesthesiology, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
	Nawaporn Assanangkornchai	M.D.	Division of Critical Care Medicine, Faculty of Medicine, Prince of Songkhla University, Songkhla, Thailand
	Nonthakorn Hantrakun	M.D.	Department of Internal Medicine, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
	Noppon Thaksaudom	Assistant Professor M.D.	Department of Surgery, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
	Nuttapon Lertkankasuk	M.D.	Division of Neurosurgery, Department of Surgery, Bhumibol Adulyadej Hospital, Bangkok, Thailand
	Onuma Chaiwat	Associate Professor M.D.	Department of Anesthesiology, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand
	Panu Boontoterm	Assistant Professor M.D.	Department of neurosurgery, Phramongkutklao Hospital, Bangkok, Thailand
	Pattarin Pirompanich	Associate Professor M.D.	Department of Internal Medicine, Faculty of Medicine, Thammasat University, Thailand
	Pavita Laohakul	M.D.	Department of Emergency Medicine, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand

Table 2. (Continued) *Clinical Critical Care* Reviewers in 2025.






Reviewer Name	Position	Institution
Piya Cherntanomwong	M.D.	Department of Surgery, Faculty of Medicine, Ramathibodi Hospital, Mahidol University, Bangkok, Thailand
Ploytip Jansiriyotin	M.D.	Department of Surgery, Khon Kaen University, Khon Kaen, Thailand
Polporn Apiwattanasawee	M.D.	Department of Ear, Nose and Throat; Faculty of Medicine, Navamindradhiraj University, Bangkok, Thailand
Pongdhep Theerawit	Associate Professor M.D.	Division of Critical Care Medicine, Department of Medicine, Ramathibodi Hospital, Mahidol University, Bangkok, Thailand
Pornrat Chinda	M.D.	Anesthesiology unit, Hua Hin Hospital, Prachuap Khiri Khan, Thailand
Prit Kusirisin	Assistant Professor M.D.	Department of Medicine, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
Raksakul Kuanha	M.D.	Department of Anesthesiology, King Chulalongkorn Memorial Hospital, Bangkok, Thailand
Rungsrit Kanjanavanit	M.D.	Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
Rungsun Bhurayanontachai	Associate Professor M.D.	Department of Internal Medicine, Faculty of Medicine, Prince of Songkhla University, Songkhla, Thailand



Table 2. (Continued) *Clinical Critical Care* Reviewers in 2025.

	Reviewer Name	Position	Institution
	Sadana Divyajot	M.D.	Department of Critical Care Medicine, Respiratory Institute, Cleveland Clinic, Cleveland, (OH), USA.
	Srisuluk Kacha	M.D.	Department of Anesthesiology, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
	Suchaya Luewan	Associate Professor M.D.	Department of obstetrics and gynecology, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
	Suksan Kanoksin	M.D.	Head of Cardiovascular and Thoracic Surgery Unit of Chulabhorn Royal Academy, Bangkok, Thailand
	Sumawadee Boonyasurak	M.D.	Division of Critical Care Medicine, Unity health network and unity health Toronto, the University of Toronto, Canada
	Surat Tongyoo	Associate Professor M.D.	Faculty of Medicine, Siriraj Hospital, Mahidol University, Bangkok, Thailand
	Suthat Rungruanghiranya	Associate Professor M.D.	Department of Internal Medicine, Faculty of Medicine, Kasetsart University, Thailand
	Suthinee Taesotikul	Assistant Professor	Department of Pharmaceutical Care, Chiang Mai University, Chiang Mai, Thailand
	Tanuwong Viarasilpa	M.D.	Division of Critical Care, Department of Medicine Siriraj Hospital, Mahidol University, Thailand

Table 2. (Continued) *Clinical Critical Care* Reviewers in 2025.

Reviewer Name	Position	Institution
	M.D.	Division of Cardiovascular and Thoracic Surgery, Department of Surgery, Phramongkutklao Hospital, Bangkok, Thailand
	Assistant Professor M.D.	Department of Anesthesiology, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand
	Associate Professor M.D.	Division of Pulmonology, Critical Care and Allergy, Department of Internal Medicine, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
	M.D.	Department of Internal Medicine, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand
	Associate Professor M.D.	Department of Medicine, Thammasat University, Bangkok, Thailand

SUMMARY AND FUTURE DIRECTION

In summary, 2025 represents a year of substantial progress for *Clinical Critical Care*, marked by increased publication volume, diversified article types, and strengthened academic standing through TCI Tier 1 indexing. These achievements reflect the collective efforts of authors, reviewers, editors, and affiliated professional societies.

Moving forward, the journal remains committed to serving as a high-quality academic forum for critical care medicine, promoting clinically relevant research, and advancing toward greater international recognition. Through continued collaboration and unwavering dedication to excellence, *Clinical Critical Care* aims to contribute meaningfully to the evolving landscape of critical care medicine in Thailand and beyond.

REFERENCE

- Chittawatanarat K, Rungruanghiranya S. Publications in 2024 and reviewers in 2021 - 2024 on Clinical Critical Care and indexing in Thai-Journal Citation Index - Tier 1 (valid 2025 - 2029): Publications, reviewer and TCI Tier-1. *Clinical Critical Care*. 2025;33:e250003.

To submit the next your paper with us at:
<https://he02.tci-thaijo.org/index.php/ccs/about/submissions>

