



RETRACTED: Dewi et al. Efficacy of Intermittent and Continuous Subglottic Secretion Drainage in Preventing the Risk of Ventilator-Associated Pneumonia: A Meta-Analysis of Randomized Control Trials. *Medicina* 2023, 59, 283

Yulis Setiya Dewi ^{1,*}, Hidayat Arifin ^{1,2,3}, Rifky Octavia Pradipta ¹, Arina Qona'ah ¹, Rosita Rosita ¹, Cindy Nanda Giatin ¹ and Amel Dawod Kamel Gauda ^{4,5}

- ¹ Faculty of Nursing, Universitas Airlangga, Surabaya 60115, Indonesia
- ² School of Nursing, College of Nursing, Taipei Medical University, Taipei 110, Taiwan
- ³ Palembang MediRose Publisher, Palembang 30154, Indonesia
- ⁴ Maternal and Newborn Health Nursing, College of Nursing, King Saud bin Abdulaziz University for Health Sciences (KSAU-HS), Ministry of the National Guard, Riyadh 11173, Saudi Arabia; goudaa@ksau-hs.edu.sa
- ⁵ Department of Maternal and Newborn Health Nursing, Faculty of Nursing, Cairo University,
 - Cairo 11562, Egypt
- * Correspondence: yulis.sd@fkp.unair.ac.id

The journal retracts the article entitled "Efficacy of Intermittent and Continuous Subglottic Secretion Drainage in Preventing the Risk of Ventilator-Associated Pneumonia: A Meta-Analysis of Randomized Control Trials" [1].

Following the publication, concerns were brought to the attention of the Editorial Office regarding a number of irrelevant studies that were included in the analysis of this systematic review and meta-analysis [1].

Adhering to our complaint procedure, an investigation was conducted by the Editorial Office and Editorial Board, which confirmed that a significant number of randomized control trials reviewed were not eligible to be included in the analysis of this systematic review and meta-analysis. Specifically, the inclusion of Chai et al. [2], Chow et al. [3], Philippart et al. [4] and Qiao et al. [5] was considered to have limited relevance to the main topic of this systematic review and meta-analysis, and consequently, was judged to sufficiently compromise the overall findings to a degree that the findings could not be relied upon. Moreover, as a result of this methodological flaw, erroneous analysis and interpretation of the findings was performed. The article is therefore retracted.

This retraction was approved by the Editor-in-Chief of the journal Medicina.

The authors did not agree to this retraction.



Citation: Dewi, Y.S.; Arifin, H.; Pradipta, R.O.; Qona'ah, A.; Rosita, R.; Giatin, C.N.; Dawod Kamel Gauda, A. RETRACTED: Dewi et al. Efficacy of Intermittent and Continuous Subglottic Secretion Drainage in Preventing the Risk of Ventilator-Associated Pneumonia: A Meta-Analysis of Randomized Control Trials. *Medicina* 2023, 59, 283. *Medicina* 2023, 59, 1900. https:// doi.org/10.3390/medicina59111900

Received: 9 October 2023 Accepted: 13 October 2023 Published: 26 October 2023



Copyright: © 2023 by the authors. Licensee MDPI, Basel, Switzerland. This article is an open access article distributed under the terms and conditions of the Creative Commons Attribution (CC BY) license (https:// creativecommons.org/licenses/by/ 4.0/).

References

- Dewi, Y.S.; Arifin, H.; Pradipta, R.O.; Qona'ah, A.; Rosita, R.; Giatin, C.N.; Dawod Kamel Gauda, A. RETRACTED: Efficacy of Intermittent and Continuous Subglottic Secretion Drainage in Preventing the Risk of Ventilator-Associated Pneumonia: A Meta-Analysis of Randomized Control Trials. *Medicina* 2023, 59, 283. [CrossRef] [PubMed]
- Chai, C.; Liu, X.; Zhao, Y. The effect of different solutions in tracheal suctioning on the incidence of pneumonia in patients on the ventilator. *Cell. Mol. Biol.* 2022, 68, 197–202. [CrossRef] [PubMed]
- 3. Chow, M.C.; Kwok, S.-M.; Luk, H.-W.; Law, J.W.; Leung, B.P. Effect of continuous oral suctioning on the development of ventilator-associated pneumonia: A pilot randomized controlled trial. *Int. J. Nurs. Stud.* **2012**, *49*, 1333–1341. [CrossRef] [PubMed]
- 4. Philippart, F.; Gaudry, S.; Quinquis, L.; Lau, N.; Ouanes, I.; Touati, S.; Nguyen, J.C.; Branger, C.; Faibis, F.; Mastouri, M.; et al. Randomized intubation with polyurethane or conical cuffs to prevent pneumonia in ventilated patients. *Am. J. Respir. Crit. Care Med.* **2015**, *191*, 637–645. [CrossRef] [PubMed]
- 5. Qiao, Z.; Yu, J.; Yu, K.; Zhang, M. The benefit of daily sputum suction via bronchoscopy in patients of chronic obstructive pulmonary disease with ventilators: A randomized controlled trial. *Medicine* **2018**, *97*, e11631. [CrossRef] [PubMed]

Disclaimer/Publisher's Note: The statements, opinions and data contained in all publications are solely those of the individual author(s) and contributor(s) and not of MDPI and/or the editor(s). MDPI and/or the editor(s) disclaim responsibility for any injury to people or property resulting from any ideas, methods, instructions or products referred to in the content.