

DAFTAR PUSTAKA

- Ahmadi, A., & Narbuko, C. (2015). *Metode penelitian pendidikan. Rineka Cipta*.
- Ahmed, I. (2024). Effect of Mechanical Chest Vibration during Chest Physiotherapy on Ventilator Parameters and Oxygen Saturation in Mechanically Ventilated Patients. *International Egyptian Journal of Nursing Sciences and Research*, 4(2), 199–211. <https://doi.org/10.21608/ejnsr.2024.335916>
- Al-Halhouli, A., Al-Ghussain, L., Khallouf, O., Rabadi, A., Alawadi, J., Liu, H., Al Oweidat, K., Chen, F., & Zheng, D. (2021). Clinical Evaluation of Respiratory Rate Measurements on COPD (Male) Patients Using Wearable Inkjet-Printed Sensor. *Sensors*, 21(2), 468. <https://doi.org/10.3390/s21020468>
- Amelia, L., Oktobiannobel, J., Hasbie, N. F., & Soemarwoto, R. A. S. (2023). Gambaran Kepatuhan Penggunaan Inhaler Kombinasi Laba/Lama Dan Quality Of Life Pada Pasien Ppok Kabupaten Pringsewu Provinsi Lampung. *Jurnal Ilmu Kedokteran Dan Kesehatan*, 10(5), 1902–1910. <https://doi.org/10.33024/jikk.v10i5.10060>
- Aranburu-Imatz, A., López-Carrasco, J. D. L. C., Moreno-Luque, A., Jiménez-Pastor, J. M., Valverde-León, M. D. R., Rodríguez-Cortés, F. J., Arévalo-Buitrago, P., López-Soto, P. J., & Morales-Cané, I. (2022). Nurse-Led Interventions in Chronic Obstructive Pulmonary Disease Patients: A Systematic Review and Meta-Analysis. *International Journal of Environmental Research and Public Health*, 19(15), 9101. <https://doi.org/10.3390/ijerph19159101>
- Areri, H., Getie, H., Guta, A., & Simegn, B. (2024). Exploring the Experience of Nurses on Nursing Process Implementation in Northwest Ethiopia: A Qualitative Study. *Nursing: Research and Reviews*, Volume 14, 81–89. <https://doi.org/10.2147/NRR.S449968>
- Astuti, M. F., Utomo, B., & Suparmin, S. (2018). Beberapa Faktor Risiko Yang Berhubungan Dengan Penyakit Paru Obstruktif Kronik (Ppok) Petugas Kebersihan Di Kota Purwokerto Tahun 2017. *Buletin Keslingmas*, 37(4), 443–455. <https://doi.org/10.31983/keslingmas.v37i4.3796>
- Barnes, P. J. (2016). Asthma-COPD Overlap. *Chest*, 149(1), 7–8. <https://doi.org/10.1016/j.chest.2015.08.017>
- Bisma Yudha, M., & Wardoyo, E. (2023). Chest Physiotherapy to Manage Respiratory Rate In Patients with Bronchopneumonia: A Literature Review: Indonesia. *Java Nursing Journal*, 1(1), 29–37. <https://doi.org/10.61716/jnj.v1i1.6>

- Bujan, B., Fischer, T., Dietz-Terjung, S., Bauerfeind, A., Jedrysiak, P., Große Sundrup, M., Hamann, J., & Schöbel, C. (2023). Clinical validation of a contactless respiration rate monitor. *Scientific Reports*, 13(1), 3480. <https://doi.org/10.1038/s41598-023-30171-4>
- Cahaya Putra, R. B. K., & Utami, R. (2023). Asuhan Keperawatan Bersihan Jalan Napas tidak Efektif pada Pasien Anak dengan Bronkopneumonia di RSD Balung dan Kalisat Jember. *Health & Medical Sciences*, 1(3). <https://doi.org/10.47134/phms.v1i3.43>
- Cheraghi, R., Valizadeh, L., Zamanzadeh, V., Hassankhani, H., & Jafarzadeh, A. (2023). Clarification of ethical principle of the beneficence in nursing care: An integrative review. *BMC Nursing*, 22(1), 89. <https://doi.org/10.1186/s12912-023-01246-4>
- Dantas, J. R., Almeida, A. T. D., Matias, K. C., Fernandes, M. I. D. C. D., Tinôco, J. D. D. S., Lopes, M. V. D. O., & Lira, A. L. B. D. C. (2023). Accuracy of the nursing diagnosis of ineffective airway clearance in intensive care unit patients. *Revista Brasileira de Enfermagem*, 76(1), e20220174. <https://doi.org/10.1590/0034-7167-2022-0174>
- Ekaputri, N. M., Kep, S., Kep, M., Susanto, G., Kep, S., Kep, M., Kep, S., & Kes, M. (2024). *Proses Keperawatan: Konsep, Implementasi, Dan Evaluasi*.
- Elbehairy, A. F., Faisal, A., McIsaac, H., Domnik, N. J., Milne, K. M., James, M. D., Neder, J. A., & O'Donnell, D. E. (2021). Mechanisms of orthopnoea in patients with advanced COPD. *European Respiratory Journal*, 57(3), 2000754. <https://doi.org/10.1183/13993003.00754-2020>
- Ezra, E. I. B., Susyanti, D., & Suharto, S. (2024). Implementasi Latihan Pernapasan Dengan Batuk Efektif Pada Pasien Ppok Dengan Gangguan Bersihan Jalan Napas Tidak Efektif Di Rumah Sakit Tk II Putri Hijau Medan. *SENTRI: Jurnal Riset Ilmiah*, 3(7), 3521–3529. <https://doi.org/10.55681/sentri.v3i7.3103>
- Fitri Anggraeni, Z., & Susilo, T. (2024). Pengelolaan Bersihan Jalan Nafas Tidak Efektif dengan Fisioterapi Dada Kombinasi Batuk Efektif pada Penderita PPOK (Studi Kasus). *Jurnal Keperawatan Berbudaya Sehat*, 2(2), 82–86. <https://doi.org/10.35473/jkbs.v2i2.3294>
- GOLD. (2020). *Global Initiative for Chronic Obstructive Lung Disease*. https://goldcopd.org/wp-content/uploads/2019/12/GOLD-2020-FINAL-ver1.2-03Dec19_WMV.pdf
- Halpin, D. M. G., Dickens, A. P., Skinner, D., Murray, R., Singh, M., Hickman, K., Carter, V., Couper, A., Evans, A., Pullen, R., Menon, S., Morris, T., Muelleroova, H., Bafadhel, M., Chalmers, J., Devereux, G., Gibson, M., Hurst, J. R., Jones, R., ... Price, D. (2023). Identification of key

opportunities for optimising the management of high-risk COPD patients in the UK using the CONQUEST quality standards: An observational longitudinal study. *The Lancet Regional Health - Europe*, 29, 100619. <https://doi.org/10.1016/j.lanepe.2023.100619>

Hamdan, H., Pangaribuan, R., & Tarigan, J. (2023). Penyakit Paru Obstruktif Kronis (PPOK) dengan Fisioterapi Dada di UPT Pelayanan Lanjut Usia Binjai. *MAHESA: Malahayati Health Student Journal*, 3(1), 1–12. <https://doi.org/10.33024/mahesa.v3i1.8564>

Harahap, E. R., & Surya, E. (2017). *Kemampuan Pemecahan Masalah Matematis Siswa Kelas Vii Dalam Menyelesaikan Persamaan Linear Satu Variabel*. 07.

Hawthorne, G., Richardson, M., Greening, N. J., Esliger, D., Briggs-Price, S., Chaplin, E. J., Clinch, L., Steiner, M. C., Singh, S. J., & Orme, M. W. (2022). A proof of concept for continuous, non-invasive, free-living vital signs monitoring to predict readmission following an acute exacerbation of COPD: A prospective cohort study. *Respiratory Research*, 23(1), 102. <https://doi.org/10.1186/s12931-022-02018-5>

Izzata, F., & Asmara, A. (2020). Kemampuan Pemecahan Masalah Matematika Melalui Model Pbl Dan Model Tapps Pada Siswa Kelas X. *Jurnal Math-UMB.EDU*, 7(3). <https://doi.org/10.36085/math-umb.edu.v7i3.863>

Kaminsky, D. A., & Calverley, P. M. A. (2024). Still no room to breathe: Insights on supine lung mechanics from oscillometry in COPD. *ERJ Open Research*, 10(6), 00620–02024. <https://doi.org/10.1183/23120541.00620-2024>

Khairani, R., & Qalbiyah, S. (2022). Korelasi Sesak Napas Dengan Obstruksi Saluran Napas Pada Pasien Penyakit Paru Obstruktif Kronik. *Jurnal Penelitian Dan Karya Ilmiah Lembaga Penelitian Universitas Trisakti*, 7(1), 154–163. <https://doi.org/10.25105/pdk.v7i1.12928>

Ko, U. W., & Kyung, S. Y. (2022). Adverse Effects of Air Pollution on Pulmonary Diseases. *Tuberculosis and Respiratory Diseases*, 85(4), 313–319. <https://doi.org/10.4046/trd.2022.0116>

Koerniawan, D., Daeli, N. E., & Srimiyati, S. (2020). Aplikasi Standar Proses Keperawatan: Diagnosis, Outcome, dan Intervensi pada Asuhan Keperawatan. *Jurnal Keperawatan Silampari*, 3(2), 739–751. <https://doi.org/10.31539/jks.v3i2.1198>

Kusuma, L. P., Prasetio, B. H., & Setiawan, E. (2023). Sistem Identifikasi Penyakit Paru Obstruktif Kronik (PPOK) Berdasarkan Suara Paru-Paru Menggunakan Jaringan Saraf Tiruan Berbasis Raspberry Pi. *Jurnal Teknologi Informasi Dan Ilmu Komputer*, 10(1), 215–226. <https://doi.org/10.25126/jtiik.20231016052>

- Leelarungrayub, J., Kanthain, R., & Kaju, S. (2019). Case Report: Clinical Benefits Of Combination Of Scapulothoracic-Thoracic Extension Mobilization And Reversed Lower Costal Breathing Treatments In Conventional Chest Physical Therapy In A Copd Patient. *Chest*, 155(4), 287A. <https://doi.org/10.1016/j.chest.2019.02.389>
- LeMone, Burke, & Bauldoff. (2015). *LeMone & Burke's Medical-Surgical Nursing Clinical Reasoning in Patient Care*. <https://www.pearsonhighered.com/assets/preface/0/1/3/4/0134868188.pdf?>
- Liu, Y., Carlson, S. A., Watson, K. B., Xu, F., & Greenlund, K. J. (2023). Trends in the Prevalence of Chronic Obstructive Pulmonary Disease Among Adults Aged ≥ 18 Years—United States, 2011–2021. *MMWR. Morbidity and Mortality Weekly Report*, 72(46), 1250–1256. <https://doi.org/10.15585/mmwr.mm7246a1>
- Lutfi, M., & Lutfi, M. F. R. (2022). Bimbingan Qur'ani-Ruhani-Islami bagi Perawatan Kesehatan Mental Pasien. *Alhadharah: Jurnal Ilmu Dakwah*, 21(2), 49. <https://doi.org/10.18592/alhadharah.v21i2.7390>
- Maghfiroh, M., Dwirahayu, Y., & Mashudi, S. (2021). Studi Literatur: Asuhan Keperawatan Pada Pasien Anak Dengan Bronkitis Dengan Masalah Keperawatan Bersihan Jalan Nafas Tidak Efektif. *Health Sciences Journal*, 5(1), 35. <https://doi.org/10.24269/hsj.v5i1.667>
- Morika, H. D., Nur, S. A., Sari, I. K., Sandra, R., Anggraini, S., & Amri, N. (2024). Efektifitas Fisioterapi Dada Terhadap Peningkatan Saturasi Oksigenasi Pada Pasien Penyakit Paru Obstruksi Kronis Dirumah Sakit Paru Sumatera Barat. 15.
- Muliase, I. N. (2023). Analisis Patogenesis, Faktor Risiko, dan Pengelolaan Penyakit Paru Obstruktif Kronik: Studi Literatur. *Jurnal Sehat Indonesia (JUSINDO)*, 6(01), 249–255. <https://doi.org/10.59141/jsi.v6i01.71>
- Na'ima, A. L., & Prasetya, D. P. (2020). Penatalaksanaan Fisioterapi Dengan Nebulisasi Dan Chest Physiotherapy Terhadap Derajat Sesak Napas Dan Ekspansi Thoraks Pada Penderita Penyakit Paru Obstruksi Kronis (PPOK). *Jurnal Kajian Ilmiah Kesehatan Dan Teknologi*, 2(1), 28–34. <https://doi.org/10.52674/jkikt.v2i1.29>
- Nursalam. (2020). *Metodologi Penelitian Ilmu Keperawatan: Pendekatan Praktis* ((P. P. Lestari (ed.); Edisi 5)). Salemba Medika.
- Pandiangan, I. (2020). Tujuan dan kriteria perencanaan asuhan keperawatan. <https://doi.org/10.31219/osf.io/79wd8>
- Paramasivan, K. (2017). Penyakit Paru Obstruksi Kronik (PPOK)', *Jurnal Ilmu Kesehatan Masyarakat*. 1–41.

- PDPI 2023. (n.d.). *Pedoman Diagnosis dan Penatalaksanaan 5 Penyakit Paru Obstruktif Kronik (PPOK)*.
- PPNI. (2017). *Standar diagnosis keperawatan Indonesia: Definisi dan indikator diagnostik* (Edisi I, cetakan III (revisi)). Persatuan Perawat Nasional Indonesia.
- Pratama, F. Y., Erawati, M., & Widyastuti, R. H. (2025). *Effectiveness Of Active Cycle Of Breathing Technique On Respiration Rate In Chronic Obstructive Pulmonary Disease Patients: A Scoping Review*. 7(3).
- Riskesdas. (2018). *Riset Kesehatan Dasar (Riskesdas) 2018*. <https://layanandata.kemkes.go.id/katalog-data/riskesdas/ketersediaan-data/riskesdas-2018>
- Rizal, L. K. (2019). *Tahapan Pengkajian Dalam Proses Keperawatan*. <https://doi.org/10.31227/osf.io/jd8m5>
- Rizqi, J., & Feoh, D. A. (2024). Implementasi Fisioterapi Dada Pada Asuhan Keperawatan Dengan Bersihan Jalan Napas Tidak Efektif Pada Pasien Paru Obstruktif Kronik (PPOK). *JUKEJ: Jurnal Kesehatan Jompa*, 3(1), 38–43. <https://doi.org/10.57218/jkj.Vol3.Iss1.1094>
- Ryandini, T. P. (2018). *Pengembangan Instrumen Evaluasi Asuhan Keperawatan Dalam Format Catatan Perkembangan Pasien Terintegrasi Pada Pasien Diabetes Mellitus*.
- Safitri, R. (2019). *Implementasi Keperawatan Sebagai Wujud Dari Perencanaan Keperawatan Guna Meningkatkan Status Kesehatan Klien*. <https://doi.org/10.31219/osf.io/8ucph>
- Salsabila, K. M. N. (2022). Pengaruh Pemberian Chest Physiotherapy Terhadap Penurunan Hambatan Jalan Napas Pada Kasus Pneumonia Anak. *Indonesian Journal of Physiotherapy*, 2(2), 137–141. <https://doi.org/10.52019/ijpt.v2i2.4201>
- Sarina, D. D., & Widiastuti, S. (2023). Analisis Asuhan Keperawatan melalui Intervensi Clapping dan Postural Drainage dengan Masalah Bersihan Jalan Napas Tidak Efektif dengan Diagnosa Bronchopneumonia. *Jurnal Kreativitas Pengabdian Kepada Masyarakat (PKM)*, 6(3), 1101–1109. <https://doi.org/10.33024/jkpm.v6i3.8793>
- Suharno, M.D. (2019). *Perbedaan Efektifitas Antara Pursed Lips Breathing Dan Balloon Blowing Exercise Terhadap Peningkatan Nilai forced Expiratory Volume In 1 Second (Fev1), Saturasi Oksigen Dan Quality Of Life (Qol) Pada Klien PPOK*. <https://www.semanticscholar.org/paper/PERBEDAAN-EFEKTIFITAS-ANTARA-PURSED-LIPS-BREATHING-Suharno/532f28e4635d15a99ed546a9ca2973d00d4fbea9>

- Sukmadinata, N. S. (2017). *Metode Penelitian Pendidikan*. Bandung: Remaja Rosdakarya.
- Sulpat, E., Mardhika, A., Fadliyah, L., Tyas, A. P. M., Harianto, S., & Sari, A. F. (2023). NURSING CARE OF AIRWAY CLEARANCE INEFFECTIVE IN CHILDREN WITH PNEUMONIA: A CASE REPORT. *Journal of Vocational Nursing*, 4(1), 27–30. <https://doi.org/10.20473/jovin.v4i1.44422>
- Tim Pokja SDKI DPP PPNI. (2018). *Standar Diagnosa Keperawatan Indonesia*.
- Vahedi Fard, M., Mohammadhasani, K., Dehnavi, Z., & Khorasanchi, Z. (2024). Chronic Obstructive Pulmonary Disease: The Role of Healthy and Unhealthy Dietary Patterns—A Comprehensive Review. *Food Science & Nutrition*, 12(12), 9875–9892. <https://doi.org/10.1002/fsn3.4519>
- Venkatesan, P. (2024). GOLD COPD report: 2024 update. *The Lancet Respiratory Medicine*, 12(1), 15–16. [https://doi.org/10.1016/S2213-2600\(23\)00461-7](https://doi.org/10.1016/S2213-2600(23)00461-7)
- WHO. (2024). *Chronic obstructive pulmonary disease (COPD)*. [https://www.who.int/news-room/fact-sheets/detail/chronic-obstructive-pulmonary-disease-\(copd\)](https://www.who.int/news-room/fact-sheets/detail/chronic-obstructive-pulmonary-disease-(copd))
- Widiastuti, A., Rahmasari, I., Ermawati, M., & Nasrul Sani, F. (2022). Penerapan Fisioterapi Dada (Postural Drainage, Clapping Dan Vibrasi) Efektif Untuk Bersihan Jalan Nafas Pada Anak Usia 6-12 Tahun. *Intan Husada : Jurnal Ilmiah Keperawatan*, 10(1), 59–66. <https://doi.org/10.52236/ih.v10i1.237>
- Xu, J., Zeng, Q., Li, S., Su, Q., & Fan, H. (2024). Inflammation mechanism and research progress of COPD. *Frontiers in Immunology*, 15, 1404615. <https://doi.org/10.3389/fimmu.2024.1404615>
- Yentes, J. M., Fallahtafi, F., Denton, W., & Rennard, S. I. (2020). COPD Patients Have a Restricted Breathing Pattern That Persists with Increased Metabolic Demands. *COPD: Journal of Chronic Obstructive Pulmonary Disease*, 17(3), 245–252. <https://doi.org/10.1080/15412555.2020.1750578>