

DAFTAR PUSTAKA

- Arti, W., & Widianti, H. N. (2024). *Buku Ajar Pemeriksaan dan Pengukuran Fisioterapi Muskuloskeletal*.
- Charalampidis, C., Youroukou, A., Lazaridis, G., Baka, S., Mpoukovinas, I., Karavasilis, V., Kioumis, I., Pitsiou, G., Papaiwannou, A., Karavergou, A., Tsakiridis, K., Katsikogiannis, N., Sarika, E., Kapanidis, K., Sakkas, L., Korantzis, I., Lampaki, S., Zarogoulidis, K., & Zarogoulidis, P. (2015). Pleura space anatomy. *Journal of Thoracic Disease*, 7(Suppl 1), S27-32. <https://doi.org/10.3978/j.issn.2072-1439.2015.01.48>
- Chaudhry, R., Omole, A. E., & Bordoni, B. (2025). *Anatomy, Thorax, Lungs*. StatPearls Publishing. <https://pubmed.ncbi.nlm.nih.gov/29262068/>
- Demes Nurmayanti, Dhira Mufaizah, Hadi Suryono, Winarko, & Sri Widodo. (2022). Pengaruh Kadar Debu Terhadap Keluhan Pernapasan pada Karyawan Bagian Produksi Pakan Ternak. *Jurnal Penelitian Kesehatan Suara Forikes*. <https://doi.org/http://dx.doi.org/10.33846/sf13413>
- Dita Kurnia Sanie, Agus Dwi Susanto, & Fahrial Harahap. (2019). Gangguan Respirasi dan Faal Paru pada Pemulung di Bantar Gebang, Bekasi. *Jurnal Respirologi Indonesia*, 34(1).
- Dr. Eti Poncorini Pamungkasari, dr. , Mp., Dwi Rahayu, dr. , M. G., & Arsita Eka Prasetyawati, dr. , M. K. (2019). *Buku Manual Keterampilan Klinik Topik Medical Interview: History Taking*.
- Elsheikh, A., Bhatnagar, M., & Rahman, N. M. (2023). Diagnosis and management of pleural infection. *Breathe*, 19(4), 230146. <https://doi.org/10.1183/20734735.0146-2023>
- Ernstmeyer K, & Chistman E. (2021). *Physical Examination*.
- Ernstmeyer K, & Christman E. (2021a). *Blood Pressure Introduction*.
- Ernstmeyer K, & Christman E. (2021b). *Respiratory Assessment Introduction*.
- Ernstmeyer K, & Christman E. (2021c). *Vital Signs Nursing Skill*. <https://med.libretexts.org/Bookshelves/Nursing/>
- Fadillah, O. L., & Supriyadi, A. (2023). Penatalaksanaan Fisioterapi Pada Kasus Tuberkulosis Paru (A Case Report). *Cetak Journal of Innovation Research and Knowledge*, 2(8).

- Fauzan, A. R., Wahyuddin, M. I., & Ningsih, S. (2021). Pleural Effusion Classification Based on Chest X-Ray Images using Convolutional Neural Network. *Jurnal Ilmu Komputer Dan Informasi*, 14(1), 9–16. <https://doi.org/10.21609/jiki.v14i1.898>
- Felix M. Reyes, Pranav Modi, & Jacqueline K. Le. (2024). Lung Exam. *StatPearls*. <https://www.ncbi.nlm.nih.gov/books/NBK459253/>
- Hardini, K. F., Intan, G., & Putri, S. H. (n.d.). Penatalaksanaan Fisioterapi dengan Modalitas Infrared dan Deep Breathing Exercise terhadap Penurunan Nyeri dan Ekspansi Thoraks pada Pasien Efusi Pleura Post Water Seal Drainage. *Physiotherapy Health Science*.
- Harsini, H., Kurniawan, Y. D., & Sutanto, Y. S. (2024). Carcinoembryonic Antigen (CEA) and Cancer Antigen 125 (CA-125) as Diagnostic Biomarkers for Malignant Pleural Effusion. *Respiratory Science*, 4(3), 164–171. <https://doi.org/10.36497/respirsci.v4i3.142>
- Hayuningrum, D. F. (2020). *Diagnosis Efusi Pleura*. <http://jurnal.globalhealthsciencegroup.com/index.php/JPPP>
- Hillegass, E. (2017). *Essentials of Cardiopulmonary Physical Therapy*. <http://evolve.elsevier.com/Hillegass/cardiology/>
- Husada, S., Haramain, F., Abidin, Z., Widya, U., & Semarang, H. (2024). Penatalaksanaan Fisioterapi Pada Pasien Gagal Napas Akut Dengan Breathing Exercise Dan Terapi Latihan. *Jurnal Kesehatan Masyarakat, Seroja Husada*, 3, 44–61. <https://doi.org/10.572349/husada.v1i1.363>
- Jamilah, M. (2023). Deep Breathing Exercise Terhadap Tingkat Dyspnea Pada Gagal Jantung di Rumah Sakit Wilayah Depok. *JHCN Journal of Health and Cardiovascular Nursing*, 3(1). <https://doi.org/10.36082/jhcn.v3i1.1052>
- Janah, S., Platini, H., Ulfah Rifaatul Fitri, S., Profesi Ners, P., Keperawatan, F., Padjadjaran, U., & Keperawatan Medikal Bedah, D. (2024). Pursed-Lips Breathing Dan High Fowler Position Pada Pasien Efusi Pleura: Case Report Pursed-Lips Breathing and High Fowler Position in Pleural Effusion Patient: Case Report. In *Jambura Nursng Journal* (Vol. 6, Issue 2). <http://ejurnal.ung.ac.id/index.php/jnj|216>
- Joegijantoro Rudy. (2023). *Teknik Anamnesis Yang Efektif*.
- Karpathiou, G., Péoc'h, M., Sundaralingam, A., Rahman, N., & Froudarakis, M. E. (2022). Inflammation of the Pleural Cavity: A Review on Pathogenesis, Diagnosis and Implications in Tumor Pathophysiology. In *Cancers* (Vol. 14, Issue 6). MDPI. <https://doi.org/10.3390/cancers14061415>

- Kartika, A. M., & Sari, P. I. (2024). Asuhan Keperawatan Pada Pasien Dengan Efusi Pleura Di Ruang Rawat Inap Paru RSUD. Raden Mattaher Kota Jambi. *Jurnal Pinang Masak; Vol. 3 No. 2 (2024): Jurnal Pinang Masak (JPIMA)*; 3021-8055. <http://online-journal.unja.ac.id/jpima/article/view/36948>
- Ko, J. M., Kim, J., Park, S.-A., Jin, K. N., Ahn, M. I., Kim, S.-C., & Han, D. H. (2016). Depth of Pleural Effusion in Thoracentesis: Comparison of Lateral, Posterolateral and Posterior Approaches in the Supine Position. *Iranian Journal of Radiology*, 13(2). <https://doi.org/10.5812/iranjradiol.20919>
- Krishna, R., Antoine, M. H., Alahmadi, M. H., & Rudrappa, M. (2024). *Pleural Effusion*. StatPearls Publishing. <https://www.ncbi.nlm.nih.gov/books/NBK448189/>
- Kurniasih Erwin, & Daris Hamidatus. (2017). *Buku Ajar Gangguan Sistem Pernafasan*.
- Laitupa, A. A., & Amin, M. (2016). *Ventilasi dan Perfusi, serta Hubungan antara Ventilasi dan Perfusi* (Vol. 2, Issue 1).
- Lofrese, J. J., Tupper, C., Denault, D., & Lappin, S. L. (2025). *Physiology, Residual Volume*. <https://pubmed.ncbi.nlm.nih.gov/29630222/>
- Lutfiya, A., Alfian, Y., Kurniawati, K., Zuliani, Z., Fakultas,), Kesehatan, I., & Jombang, U. (2020). Asuhan Keperawatan Pada Klien Dengan Efusi Pleura. *JURNAL EDUNursing*, 4(2). <http://journal.unipdu.ac.id>
- Maart, S., & Sykes, C. (2022). Expanding on the use of The International Classification of Functioning, Disability and Health: Examples and resources. *South African Journal of Physiotherapy*, 78(1). <https://doi.org/10.4102/sajp.v78i1.1614>
- Markatis, E., Perlepe, G., Afthinos, A., Pagkratis, K., Varsamas, C., Chaini, E., Papanikolaou, I. C., & Gourgoulianis, K. I. (2022). Mortality Among Hospitalized Patients With Pleural Effusions. A Multicenter, Observational, Prospective Study. *Frontiers in Medicine*, 9. <https://doi.org/10.3389/fmed.2022.828783>
- Meranda, A., Alfarizal, N., Husni, N. L., Pratama, D. A., Irdayanti, Y., Handayani, & Ade Silvia. (2020). Perancangan Deteksi Suara Paru Paru Berbasis DSP TMS320C6416T dan Module Wireless. *IJCCS*, x, No.x, 1–5.
- Merdekawati, D., Dasuki, D., & Melany, H. (2019). Perbandingan Validitas Skala Ukur Nyeri VAS dan NRS Terhadap Penilaian Nyeri di IGD RSUD Raden Mattaher Jambi. *Riset Informasi Kesehatan*, 7(2), 114. <https://doi.org/10.30644/rik.v7i2.168>

- Musdalifah, S. Kep. , Ns. , M. Kes. , M. K., Rahmawati, S. Kp. , M. K., Hermanto, S. Kep. , Ns. , M. K., & Ida Djafar, S. Kep. , Ns. , M. K. (2023). Keperawatan Medikal Bedah Sistem Respirasi. In S. Kep. , Ns. , M. K. La Rangki & S. Kep. , Ns. , M. K. Sukurni (Eds.), *Ns. M.Kep Ns. Erlin Ifadah, M.Kep.Sp.Kep.MB.* CV. EUREKA MEDIA AKSARA.
- Naidu.K, M., Muralinath.E, Sandeep, A., Ramadevi.K, A, V. Naveen., P, V. Krishna., & .P, M. (2023). Pleural Effusion Clinical Features of Pleural Effusion, Causes of Pleural Effusion, Diagnosis of Pleural Effusion, Treatment of Pleural Effusion, Surgery of Pleural Effusion and Pathophysiology of Pleural Effusion. *Journal of Advances in Experimental Therapeutics and Neurotherapeutics*, 1(1), 17-21, (2023-06-12). <https://doi.org/10.5281/zenodo.8026400>
- Natasya Hambali, A., Jusuf, H., Abudi, R., Kesehatan Masyarakat, J., Ung, F., & Penelitian, A. (2024). Faktor-Faktor Yang Berhubungan Dengan Kapasitas Vital Paru Pada Pekerja Pengangkut Sampah Di Kabupaten Gorontalo Factors Related to Lung Vital Capacity in Waste Transport Workers in Gorontalo Regency. *Jurnal Kolaboratif Sains*, 7(12), 5029–5037. <https://doi.org/10.56338/jks.v7i12.6059>
- Oliviany, W., & Faisal, A. (2024). Skrofuloderma Pada Anak Usia 12 Tahun Dengan Tuberkulosis Paru, Efusi Pleura, Pneumonia Dan Malnutrisi Berat: Laporan Kasus. *Medical and Health Journal*, 4(1). <https://doi.org/10.20884/1.mhj.2024.4.1.12976>
- Pahlawi, R., & Zahra, S. (2023). Kombinasi Deep Breathing Dan Chest Mobility Dalam Meningkatkan Kapasitas Paru Pada Kasus Efusi Pleura. *Jurnal Fisioterapi Dan Kesehatan Indonesia*, 3(2), 19–30. <https://doi.org/10.59946/jfki.2023.217>
- Parmar, R., Sahasrabudhe, P., Shyam, A. K., & Sancheti, P. K. (2019). Effect of Conventional Transcutaneous Electrical Nerve Stimulation (TENS) at Intercostal Chest Drain (ICD) Site in Patients with Pleural Effusion on Pain, Dyspnea and Chest Expansion. *International Journal of Health Sciences & Research (Www.Ijhsr.Org)*, 9(5), 167. www.ijhsr.org
- Quek, J. C., Tan, Q. L., Allen, J. C., & Anantham, D. (2020). Malignant pleural effusion survival prognostication in an Asian population. *Respirology*, 25(12), 1283–1291. <https://doi.org/10.1111/resp.13837>
- Rosyid, A. N., & Marhana, I. A. (2018). *Faal Paru Difusi* (Vol. 4, Issue 2).
- Rozak, F., & Clara, H. (2022). Studi Kasus : Asuhan Keperawatan Pasien Dengan Efusi Pleura. *Buletin Kesehatan: Publikasi Ilmiah Bidang Kesehatan*, 6(1), 87–101. <https://doi.org/10.36971/keperawatan.v6i1.114>

- Sanjeev Sharma, & Joshua Boster. (2024). Malignant Pleural Effusion. *StatPearls*. <https://www.ncbi.nlm.nih.gov/books/NBK574541/>
- Sapra, A., Malik, A., & Bhandari, P. (2025). *Vital Sign Assessment*. PubMed. <https://pubmed.ncbi.nlm.nih.gov/31985994/>
- Sastianingsih, S., Sari, E. A., & Pebrianti, S. (2024). Manajemen Sesak Pada Pasien Congestive Heart Failure (CHF) Dengan Efusi Pleura: Case Report. *SENTRI: Jurnal Riset Ilmiah; Vol. 3 No. 2 (2024)*: *SENTRI: Jurnal Riset Ilmiah, February 2024; 568-576; 2963-1130; 10.55681/Sentri.V3i2*. <https://ejournal.nusantaraglobal.ac.id/index.php/sentri/article/view/2297>
- Scanlon, V. C., & Sanders, T. (2018). *Essentials of Anatomy and Physiology*. F. A. Davis Company. <https://books.google.co.id/books?id=oXAotAEACAAJ>
- Sun, X., Perl, A.-K., Li, R., Bell, S. M., Sajti, E., Kalinichenko, V. V., Kalin, T. V., Misra, R. S., Deshmukh, H., Clair, G., Kyle, J., Crotty Alexander, L. E., Masso-Silva, J. A., Kitzmiller, J. A., Wikenheiser-Brokamp, K. A., Deutsch, G., Guo, M., Du, Y., Morley, M. P., ... Morrissey, E. E. (2022). A census of the lung: CellCards from LungMAP. *Developmental Cell*, 57(1), 112-145.e2. <https://doi.org/10.1016/j.devcel.2021.11.007>
- Suprapto, D. U., Tangkilisan, A., Sukanto, W., Tamburian, C., & Langi, F. G. (2022). Effects of Drainage Volume on Changes of Blood Acidity, and Partial Arterial Pressure of Oxygen and Carbon Dioxide in Massive Pleural EfusioN. *E-CliniC*, 10(2), 330. <https://doi.org/10.35790/ecl.v10i2.41492>
- Tahir, H., Muthiah, S., & Awal, M. (2023). Pengaruh Mobilisasi Chest Terhadap Peningkatan Ekspansi Thoraks Pada Penyakit Paru Obstruktif Kronis Di Balai Besar Kesehatan Paru Masyarakat Makassar. *Media Fisioterapi Politeknik Kesehatan Makassar*, 13(2), 1. <https://doi.org/10.32382/mf.v13i2.3180>
- Tahir, M., Fatima, T., Trivedi, D., & Kumar, M. (2021). Chest Mobility Exercise with Staked Breathing Versus Chest Mobility Exercises with Incentive Spirometry On Chest Expansion with Pleural Effusion Patient: A Comparative Study. *Original Research Article International Journal of Physiotherapy and Research*, 9(4), 3949–3953. <https://doi.org/10.16965/ijpr.2021.155>
- Thetty Khulafa'ur R. (2019). *Fisioterapi Dada Untuk Menurunkan Frekuensi Batuk Pada Pasien PPOK*. <https://repository.unair.ac.id/93599/5/5.%20BAB%20202%20TINJAUAN%20PUSTAKA.pdf>
- Tobase, L., Cardoso, S. H., Rodrigues, R. T. F., de Souza, D. R., Gugelmin-Almeida, D., Polastri, T. F., Peres, H. H. C., & Timerman, S. (2024). The application of Borg scale in cardiopulmonary resuscitation: An integrative review. *PLOS Digital Health*, 3(8). <https://doi.org/10.1371/journal.pdig.0000592>

- Walsh, M. H., Zhang, K. X., Cox, E. J., Chen, J. M., Cowley, N. G., Oleynick, C. J., Smyth, L. M., & Ma, I. W. Y. (2021). Comparing accuracy of bedside ultrasound examination with physical examination for detection of pleural effusion. *The Ultrasound Journal*, 13(1), 40. <https://doi.org/10.1186/s13089-021-00241-7>
- Whelton, P. K., Carey, R. M., Aronow, W. S., Casey, D. E., Collins, K. J., Dennison Himmelfarb, C., DePalma, S. M., Gidding, S., Jamerson, K. A., Jones, D. W., MacLaughlin, E. J., Muntner, P., Ovbiagele, B., Smith, S. C., Spencer, C. C., Stafford, R. S., Taler, S. J., Thomas, R. J., Williams, K. A., ... Wright, J. T. (2017). Guideline for the Prevention, Detection, Evaluation, and Management of High Blood Pressure in Adults. *Journal of the American College of Cardiology*, 71(19), e127–e248. <https://doi.org/10.1016/j.jacc.2017.11.006>
- Wibowo, A., Elhidsi, M., & Susanto, A. D. (2022). Calculation of Pleural Fluid Estimation Using Ultrasonography. *Respiratory Science*, 2(3), 156–164. <https://doi.org/10.36497/respirsci.v2i3.51>
- Wulandari Kai, M., Kep, St., Sisri Novrita Ns Ni Made Sri Muryani, Mt., Fathiya Luthfil Yumni, Mk., Siti Fatimah, Mk., Riri Safitri, Mb., Miskiyah SKM, Ms., Rika Hairunisyah, Mb., & Ns Lalu Rodi Sanjaya, Ss. (2022). *Buku Ajar Anatomi Fisiologi*.
- Yang, Y., Du, J., Wang, Y., Kang, H., Zhai, K., & Shi, H. (2022). Prognostic impact of pleural effusion in patients with malignancy: A systematic review and meta-analysis. *Clinical and Translational Science*, 15(6), 1340–1354. <https://doi.org/10.1111/cts.13260>
- Yi, Y., Ding, L., Wen, H., Wu, J., Makimoto, K., & Liao, X. (2020). Is Barthel Index Suitable for Assessing Activities of Daily Living in Patients With Dementia? *Frontiers in Psychiatry*, 11. <https://doi.org/10.3389/fpsyg.2020.00282>
- Zhao, Y., & Bergmann, J. H. M. (2023). Non-Contact Infrared Thermometers and Thermal Scanners for Human Body Temperature Monitoring: A Systematic Review. *Sensors*, 23(17), 7439. <https://doi.org/10.3390/s23177439>
- Zunzunwala, S., & Vardhan, D. V. (2023). Efficacy of lung boost device on pulmonary function and chest expansion in pleural effusion patient: a randomized control trial protocol. *F1000Research*, 12, 1115. <https://doi.org/10.12688/f1000research.140483.1>