

DAFTAR PUSTAKA

- Agung, anak agung putu, & Yuesti, A. (2017). *Metodologi Penelitian Kuantitatif Dan Kualitatif*.
- Akbar, R. R., Arifin, M. T., & Rochana, N. (2020). Efek Posisi Orthopneic Terhadap Fungsi Pernafasan: Systematic Review. *Jurnal Ilmiah Kesehatan*, 13(2), 59–68. <https://doi.org/10.48144/jiks.v13i2.252>
- Alexander, P. (2018). Respiratory physiology for intensivists. In *Critical Heart Disease in Infants and Children* (Third Edit). Elsevier Inc. <https://doi.org/10.1016/B978-1-4557-0760-7.00014-0>
- Amani, M., Trusda, S. A. D., & Surialaga, S. (2023). Gambaran Karakteristik Pasien Diabetes Melitus Tipe 2 Dengan Hipertensi Di RSUD Al Ihsan Bandung. *Bandung Conference Series Medical Science*, 3(1). <https://doi.org/10.29313/bcsms.v3i1.6277>
- Anindita, T., Wisudarti, C. F. R., & Rahardjo, S. (2023). Pengaruh Posisi Elevasi Head of Bed 300 Dibandingkan Dengan Elevasi Head of Bed 600 Terhadap Peningkatan PaO2 Dan Rasio PaO2/FiO2 Pada Pasien Dengan Ventilasi Mekanik Di ICU RSUP Dr. Sardjito. *Jka*, 10(3), 44–52. <https://doi.org/10.22146/jka.v10i3.7349>
- Arfan Ravy Wahyu Pratama, M., Agus Pranoto, Y., & Orisa, M. (2021). Sistem Monitoring Suhu Dan Kelembapan Ruangan Pasien Isolasi Covid-19 Berbasis Iot. *JATI (Jurnal Mahasiswa Teknik Informatika)*, 5(2), 495–502. <https://doi.org/10.36040/jati.v5i2.3786>
- Aşar, S., Rahim, F., Rahimi, P., Acicbe, Ö., Tontu, F., & Çukurova, Z. (2024). Novel Oxygenation and Saturation Indices for Mortality Prediction in COVID-19 ARDS Patients: The Impact of Driving Pressure and Mechanical Power. *Journal of Intensive Care Medicine*, 39(6), 595–608. <https://doi.org/10.1177/08850666231223498>
- Astriani, N. M. D. Y., Sandy, P. W. S. J., Putra, M. M., & Heri, M. (2021). Pemberian Posisi Semi Fowler Meningkatkan Saturasi Oksigen Pasien PPOK. *Journal of Telenursing (Joting)*, 3(1), 128–135. <https://doi.org/10.31539/joting.v3i1.2113>
- Astuti, A. (2020). Pengaruh Relaksasi Autogenik Terhadap Gula Darah Pada Pasien Dm Tipe 2. *Indonesian Journal of Health Development*, 2(2), 137–144. <https://doi.org/10.52021/ijhd.v2i2.37>
- Ayutthaya, S. S., & Adnan, N. (2020). Faktor Risiko Hipertensi Pada Penderita Diabetes Mellitus Tipe 2. *Jurnal Ilmu Kesehatan Masyarakat*, 9(02), 60–71. <https://doi.org/10.33221/jikm.v9i02.512>
- Baba, M. A. (2017). Analisis Data Penelitian Kuantitatif. *Penerbit Erlangga, Jakarta, June*, 1–188. <https://doi.org/10.13140/RG.2.2.31268.91529>
- Bhurtel, R., Pokhrel, R. P., & Kalakheti, B. (2022). Acute Respiratory Infections Among Under-Five Children Admitted in a Tertiary Hospital of Nepal: A Descriptive Cross-Sectional Study. *Journal of Nepal Medical Association*, 60(245). <https://doi.org/10.31729/jnma.6889>
- Boesing, C., Krebs, J., Conrad, A. M., Otto, M., Beck, G., Thiel, M., Rocco, P. R. M., Luecke, T., & Schaefer, L. (2024). Effects of prone positioning on lung mechanical power components in patients with acute respiratory distress syndrome: a physiologic study. *Critical Care*, 28(1), 1–12. <https://doi.org/10.1186/s13054-024-04867-6>
- Brinkman, J. E., Toro, F., & Sharma, S. (2023). Physiology, Respiratory Drive. In *StatPearls*. StatPearls Publishing. <https://www.ncbi.nlm.nih.gov/sites/books/NBK482414/%0A>
- Brunherotti, M. A. A., & Martinez, F. E. (2013). Response of Oxygen Saturation in Preterm Infants Receiving Rib Cage Stabilization With an Elastic Band in Two Body Positions: A Randomized Clinical Trial. *Brazilian Journal of Physical Therapy*, 17(2), 105–111. <https://doi.org/10.1590/s1413-35552012005000082>
- Cahyani, R. P., Pujiarto, P., & Putri, N. W. (2021). Asuhan Keperawatan Pasien PPOK Menggunakan Posisi Condong Ke Depan Dan Latihan Pursed Lip Breathing Untuk Meningkatkan Saturasi Oksigen. *Madago Nursing Journal*, 1(2), 37–43. <https://doi.org/10.33860/mnj.v1i2.277>

- Caputo, N. D., Strayer, R. J., & Levitan, R. (2020). Early Self-Prone in Awake, Non-intubated Patients in the Emergency Department: A Single ED's Experience During the COVID-19 Pandemic. *Academic Emergency Medicine*, 27(5), 375–378. <https://doi.org/10.1111/acem.13994>
- Chen, X., Cao, P., Xiao, Y., & Liu, S. (2023). Construction and Application of Prone Position Ventilation Management Scheme for Severe COVID-19 Patients. *Frontiers in Physiology*, 14. <https://doi.org/10.3389/fphys.2023.1152723>
- Chiumello, D., Chiodaroli, E., Coppola, S., Borlino, S. C., Granata, C., Pitimada, M., & Wendel-Garcia, P. D. (2021). Awake Prone Position Reduces Work of Breathing in Patients With COVID-19 ARDS Supported by CPAP. *Annals of Intensive Care*, 11(1). <https://doi.org/10.1186/s13613-021-00967-6>
- Cohen, D., Wasserstrum, Y., Segev, A., Avaky, C., Negru, L., Turpashvili, N., Anani, S., Zilber, E., Lasman, N., Athamna, A., Segal, O., Shenhav-Saltzman, G., & Segal, G. (2020). Beneficial effect of awake prone position in hypoxaemic patients with COVID-19: case reports and literature review. *Internal Medicine Journal*, 50(8), 997–1000. <https://doi.org/10.1111/imj.14926>
- Coleman, M. H., & Aldrich, J. (2021). Acute Respiratory Distress Syndrome. *Critical Care Clinics*, 37(4), 851–866. <https://doi.org/10.1016/j.ccc.2021.05.008>
- Das, I., Pedit, J. A., Handa, S., & Jagger, P. (2018). Household Air Pollution (HAP), Microenvironment and Child Health: Strategies for Mitigating HAP Exposure in Urban Rwanda. *Environmental Research Letters*, 13(4), 45011. <https://doi.org/10.1088/1748-9326/aab047>
- Dewi, N. H., Suryati, E., Mulyanasari, F., & Yupartini, L. (2021). Pengembangan Format Dokumentasi Asuhan Keperawatan Gawat Darurat Berbasis SDKI, SLKI, dan SIKI. *Jurnal Keperawatan Silampari*, 4(2), 554–565. <https://doi.org/10.31539/jks.v4i2.1817>
- Dilken, O., Rezoagli, E., Yartaş Dumanlı, G., Ürkmez, S., Demirkiran, O., & Dikmen, Y. (2022). Effect of prone positioning on end-expiratory lung volume, strain and oxygenation change over time in COVID-19 acute respiratory distress syndrome: A prospective physiological study. *Frontiers in Medicine*, 9(December), 1–12. <https://doi.org/10.3389/fmed.2022.1056766>
- Djanatunisah, A., Maria, R., & Dahlia, D. (2021). Posisi Condong Kedepan Untuk Menurunkan Sesak Napas Pada Pasien PPOK. *Jurnal Ilmiah Keperawatan Indonesia*, 5(1), 19–28. <http://jurnal.umt.ac.id/index.php/jik/index>
- Dubey, A., Saini, D., Roy, S., Bharat, R. P., Bentrad, V. V., Yau, C., Wallbridge, I. G., & Shankar, A. (2020). Tobacco Smoking and Risk of Novel Coronavirus Infection. *Asian Pacific Journal of Cancer Care*, 5(S1), 175–177. <https://doi.org/10.31557/apjcc.2020.5.s1.175-177>
- Fadina, Jutsaniyah, Wahyu, Arif, R. (2020). Penerapan Posisi Head Up 30° Dan Terapi Oksigenasi Non- Rebreathing Mask Terhadap Perubahan Hemodinamik Pada Pasien Subdural Hematoma. *British Medical Journal*, 2(5474), 1333–1336.
- Febi Kusuma Nugraha, Saktika Aisya Hadyantari, Dian Hudiawati, & Endar Sulistyo. (2024). Pemberian Posisi Semi Fowler untuk Meningkatkan Saturasi Oksigen pada Pasien Congestive Heart Failure di Ruang Intensive Care Unit. *Vitamin : Jurnal Ilmu Kesehatan Umum*, 2(4), 313–319. <https://doi.org/10.61132/vitamin.v2i4.764>
- Fentiana, N., & Putri, R. R. (2018). Kedisiplinan Penggunaan Apd, Kebiasaan Merokok Dan Pengaruhnya Dengan Gangguan Pernapasan Pada Polantas. *Jurnal Kesehatan*, 11(2). <https://doi.org/10.24252/kesehatan.v11i2.6332>
- Field, A. (2003). Repeated Measures ANOVA. *Data Science with R for Psychologists and Healthcare Professionals*, 8057, 219–232. <https://doi.org/10.1201/9781003106845-19>
- Fujita, Y., Yamauchi, M., Yoshikawa, M., Yamamoto, Y., Sakaguchi, K., Fujioka, N., Ibaraki, T., & Muro, S. (2021). Resting Breathing Instability During Wakefulness as a Predictor of Clinical Outcome in COPD. *Respiratory Care*, 66(9), 1477–1484. <https://doi.org/10.4187/respcare.08877>

- Gattinoni, L., Brusatori, S., D'Albo, R., Maj, R., Velati, M., Zinnato, C., Gattarello, S., Lombardo, F., Fratti, I., Romitti, F., Saager, L., Camporota, L., & Busana, M. (2023). Prone position: how understanding and clinical application of a technique progress with time. *Anesthesiology and Perioperative Science*, 1(1), 1–17. <https://doi.org/10.1007/s44254-022-00002-2>
- Ginanjar, R. (2024). Penerapan Posisi Head Up 30o Terhadap Saturasi Oksigen Pada Pasien Stroke Non-Hemoragik Di IGD RSD K.R.M.T Wongsonegoro Kota Semarang. *Jurnal Penelitian Inovatif*, 4(3), 1577–1582. <https://doi.org/10.54082/jupin.617>
- Grieco, D. L., Cese, L. D., Menga, L. S., Rosà, T., Michi, T., Lombardi, G., Cesarano, M., Giammatteo, V., Bello, G., Carelli, S., Cutuli, S. L., Sandroni, C., Pascale, G. D., Artigas, A., Maggiore, S. M., & Antonelli, M. (2023). Physiological Effects of Awake Prone Position in Acute Hypoxemic Respiratory Failure. *Critical Care*, 27(1). <https://doi.org/10.1186/s13054-023-04600-9>
- Guérin, C., Albert, R. K., Beitler, J., Gattinoni, L., Jaber, S., Marini, J. J., Munshi, L., Papazian, L., Pesenti, A., Vieillard-Baron, A., & Mancebo, J. (2020). Prone position in ARDS patients: why, when, how and for whom. *Intensive Care Medicine*, 46(12), 2385–2396. <https://doi.org/10.1007/s00134-020-06306-w>
- Guérin, C., Reignier, J., Richard, J., Beuret, P., Gacouin, A., Boulain, T., Mercier, E., Badet, M., Mercat, A., Baudin, O., Clavel, M., Chatellier, D., Jaber, S., Rosselli, S., Mancebo, J., Sirodot, M., Hilbert, G., Bengler, C., Richecoeur, J., ... Ayzac, L. (2013). Prone Positioning in Severe Acute Respiratory Distress Syndrome. *New England Journal of Medicine*, 368(23), 2159–2168. <https://doi.org/10.1056/nejmoa1214103>
- Haque, I. T. E., Gunawan, A., & Puspayanti, S. (2021). Application of Semi Fowler Position to Ineffectiveness of Breathing Patterns in Congestive Heart Failure (Chf) Patients. *Jurnal Vnus (Vocational Nursing Sciences)*, 3(1), 29–37. <https://doi.org/10.52221/jvnus.v3i1.325>
- Hasegawa, Y., Okazaki, A., & Iwasaki, K. (2024). Ultrasound-assisted Insertion of a Small-diameter Thoracic Catheter for Acute Dorsal Empyema. *Clinical Case Reports*, 12(3). <https://doi.org/10.1002/ccr3.8576>
- Hendra, H. (2021). Happy Hypoxemia Pada Covid-19. *Journal of Borneo Holistic Health*, 4(2), 113–118. <https://doi.org/10.35334/bortalth.v4i2.2098>
- Hewitt, R., Farne, H., Ritchie, A. I., Luke, E., Johnston, S. L., & Mallia, P. (2015). The Role of Viral Infections in Exacerbations of Chronic Obstructive Pulmonary Disease and Asthma. *Therapeutic Advances in Respiratory Disease*, 10(2), 158–174. <https://doi.org/10.1177/1753465815618113>
- Imani, N. N., & Hudiawati, D. (2023). Increasing Oxygen Saturation With Head-Up Potition in Stroke Non-Hemoragik Patient6. *Prosiding Seminar Nasional ...*, 5(2), 9–15. <https://proceedings.ums.ac.id/index.php/semnaskep>
- Inayah, I., Hamidy, M. Y., & Sari, M. (2017). Gambaran Terapi Diabetes Melitus Tipe 2 Dengan Komorbid Hipertensi Di Rumah Sakit X Pekanbaru. *Jurnal Ilmu Kedokteran (Journal of Medical Science)*, 10(2), 84. <https://doi.org/10.26891/jik.v10i2.2016.84-91>
- Irawan, H., & Sudarsa, I. W. (2020). Penanganan Pasien Kanker dan Risiko Infeksi selama Wabah COVID-19. *JBN (Jurnal Bedah Nasional)*, 4(1), 15. <https://doi.org/10.24843/jbn.2020.v04.is01.p04>
- Irianto, I., Mahardika, A. S., Malik, K., Ishan, L. M., & Syahar, A. (2023). Manajemen Fisioterapi pada Sindrom Obstruksi Pasca Tuberkulosis (SOPT): Laporan Kasus. *Jurnal Fisioterapi Dan Rehabilitasi*, 8(1), 50–56. <https://doi.org/10.33660/jfrwhs.v8i1.314>
- IŞILDAK, Y. İ., Aslan, F. E., & PARLAK, G. (2023). Determination of the Effect of the Fowler and Prone Position on Oxygen Saturation in Patients Diagnosed With COVID-19. *Clinical and Experimental Health Sciences*, 13(1), 159–165. <https://doi.org/10.33808/clinexphealthsci.1186086>

- Isnaeni, L. M. A. (2023). Hubungan Kebiasaan Merokok Dengan Gangguan Pernapasan Pada Pengrajin Mebel Kayu. *Jurnal Kesehatan Tambusai*, 4(4), 6644–6651. <https://doi.org/10.31004/jkt.v4i4.23108>
- Jayakumar, D., Ramachandran, D. N. B. P., Rabindrarajan, D. N. B. E., Vijayaraghavan, B. K. T., Ramakrishnan, A., & Venkataraman, R. (2021). Standard Care Versus Awake Prone Position in Adult Nonintubated Patients With Acute Hypoxemic Respiratory Failure Secondary to COVID-19 Infection—A Multicenter Feasibility Randomized Controlled Trial. *Journal of Intensive Care Medicine*, 36(8), 918–924. <https://doi.org/10.1177/08850666211014480>
- Katz, S., Arish, N., Rokach, A., Zaltzman, Y., & Marcus, E. (2018a). The Effect of Body Position on Pulmonary Function: A Systematic Review. *BMC Pulmonary Medicine*, 18(1). <https://doi.org/10.1186/s12890-018-0723-4>
- Katz, S., Arish, N., Rokach, A., Zaltzman, Y., & Marcus, E. L. (2018b). The effect of body position on pulmonary function: A systematic review. *BMC Pulmonary Medicine*, 18(1), 1–16. <https://doi.org/10.1186/s12890-018-0723-4>
- Kaufman, D. P., Kandle, P. F., Murray, I. V., & Dhamoon, A. S. (2023). Physiology, Oxyhemoglobin Dissociation Curve. In *Physiology, Oxyhemoglobin Dissociation*. StatPearls Publishing. <https://www.ncbi.nlm.nih.gov/books/NBK499818/%0A>
- Kinanti, R., Masriadi, M., & Gobel, F. A. (2021). Faktor Yang Berhubungan Dengan Sindrom Metabolik (Hipertensi Dan DM Tipe 2) Di Puskesmas Perawatan Siko Kota Ternate. *Window of Public Health Journal*, 1153–1162. <https://doi.org/10.33096/woph.v2i3.288>
- Kiswanto, L., & Chayati, N. (2022). Effect of Head Elevation 30° on GCS Value, and Oxygen Saturation in Stroke Patients. *Josing Journal of Nursing and Health*, 3(1), 54–66. <https://doi.org/10.31539/josing.v3i1.4091>
- Kock, K. d. S., Paz, C. M. F., Faraco, C. M., Onofre, F. R., Souza, L. B. Á. de, & Meneguel, M. (2015). Comparison of Ventilatory Restriction in Techniques of Respiratory Physiotherapy and Changes of Position. *Manual Therapy Posturology & Rehabilitation Journal*, 1–4. <https://doi.org/10.17784/mtprehabjournal.2015.13.271>
- Lefebvre, J.-C., Cordioli, R. L., Akoumianaki, E., Richard, J., & Brochard, L. (2014). Noninvasive Ventilation for Patients With Hypoxemic Acute Respiratory Failure. *Seminars in Respiratory and Critical Care Medicine*, 35(04), 492–500. <https://doi.org/10.1055/s-0034-1383863>
- Lemyze, M., Mallat, J., Duhamel, A., Pepy, F., Gasan, G., Barrailler, S., Vangrunderbeeck, N., Tronchon, L., & Thévenin, D. (2013). Effects of Sitting Position and Applied Positive End-Expiratory Pressure on Respiratory Mechanics of Critically Ill Obese Patients Receiving Mechanical Ventilation*. *Critical Care Medicine*, 41(11), 2592–2599. <https://doi.org/10.1097/ccm.0b013e318298637f>
- Lestari, K. S., Martini, S., Widati, S., Megatsari, H., & Artanti, K. D. (2017). Kualitas Udara Pada Tempat Tertutup Dan Aktivitas Merokok Di Kota Surabaya Tahun 2015. *Iptek Journal of Proceedings Series*, 3(5). <https://doi.org/10.12962/j23546026.y2017i5.3110>
- Levy, Y., Hutin, A., Polge, N., Lidouren, F., Fernández, R., Kohlhauer, M., Léger, P.-L., Rambaud, J., Debaty, G., Lurie, K. G., Ghaleh, B., Lamhaut, L., & Tissier, R. (2022). Head and Thorax Elevation Prevents the Rise of Intracranial Pressure During Extracorporeal Resuscitation in Swine. *Shock*, 58(3), 236–240. <https://doi.org/10.1097/shk.0000000000001971>
- Mahrous, E. S. Y., & Aboelmagd, A. N. (2022). Effect of Knee-Chest, Semi-Sitting, and Right Lateral Position on Preterm Neonates With Respiratory Distress Syndrome. *International Egyptian Journal of Nursing Sciences and Research*, 2(2), 353–361. <https://doi.org/10.21608/ejnsr.2022.212952>
- Man, M., Lam, S. M., Shum, H., Li, K. C., Lau, S., Ip, V. H., & Yan, W. (2021). Prone Positioning in Non-intubated Patients With Coronavirus – A Single-centre Experience in Hong Kong. *Hong Kong Journal of Emergency Medicine*, 28(6), 379–382.

<https://doi.org/10.1177/10249079211022914>

- Manurung, S., Suratun, Krisanty, P., & Ekarina, Ni. P. (2017). *Gangguan Sistem Pernafasan* (A. Cahyanti (Ed.); Cetakan I). Penerbit Samudra Biru (Anggota IKAPI).
- Mathieu, L., Rabec, C., Beltramo, G., Aho, S., Tankéré, P., Schenese, D., Chorvoz, J., Bonniaud, P., & Georges, M. (2024). Real-Life Evaluation of NIV to CPAP Switch in Patients With Chronic Respiratory Failure. A Case Control Study. *Respiratory Medicine and Research*, 86, 101114. <https://doi.org/10.1016/j.resmer.2024.101114>
- Matthay, M. A., Zemans, R. L., Zimmerman, G. A., Arabi, Y. M., Beitler, J. R., Mercat, A., Herridge, M., Randolph, A. G., & Calfee, C. S. (2018). Acute respiratory distress syndrome. *Nature Reviews Disease Primers*, 5(1). <https://doi.org/10.1038/s41572-019-0069-0>
- Mawarni, S. I., Rasyid, F. N., & Rahman, A. F. (2022). Intervention of Pronation Position on Oxygen Saturation in COVID-19 Patients: A Literature Review. *Jurnal Perawat Indonesia*, 6(2), 1022–1032. <https://doi.org/10.32584/jpi.v6i2.1184>
- Mezidi, M., & Guérin, C. (2018). Effects of patient positioning on respiratory mechanics in mechanically ventilated ICU patients. *Annals of Translational Medicine*, 6(19), 384–384. <https://doi.org/10.21037/atm.2018.05.50>
- Miralles, R., & Celhay, I. (2015). Effect of Body Position on Respiratory Muscle Activity in Subjects With Upper Costal or Costo-Diaphragmatic Breathing Type. *Journal of Sleep Disorders & Therapy*, 05(01). <https://doi.org/10.4172/2167-0277.1000228>
- Misra, A. L., Pal, A., & Pawar, R. (2021). Effect of Prone Positioning on Oxygen Saturation in COVID-19 Patients in Sri Aurobindo Hospital, Indore. *Journal of Pharmaceutical Research International*, 121–129. <https://doi.org/10.9734/jpri/2021/v33i50b33435>
- Modjo, D., Rokhani, M., & Bakari, P. R. (2024). Penerapan Posisi Quarter Prone Pada Pasien RDS (Respiratory Distress Syndrom) Terhadap Respiratory Rate Dan Saturasi Oksigen Diruangan Nicu Di Rumah Sakit Umum Daerah Prof. DR. H. Aloei Saboe Kota Gorontalo. *Malahayati Nursing Journal*, 6(1), 24–31. <https://doi.org/10.33024/mnj.v6i1.10189>
- Mondal, D., & Paul, P. (2020). Effects of Indoor Pollution on Acute Respiratory Infections Among Under-Five Children in India: Evidence From a Nationally Representative Population-Based Study. *Plos One*, 15(8), e0237611. <https://doi.org/10.1371/journal.pone.0237611>
- Morrow, B., Brink, J., Grace, S., Pritchard, L., & Lupton-Smith, A. (2016). The effect of positioning and diaphragmatic breathing exercises on respiratory muscle activity in people with chronic obstructive pulmonary disease. *South African Journal of Physiotherapy*, 72(1), 1–6. <https://doi.org/10.4102/sajp.v72i1.315>
- Muhsinin, S. Z., & Kusumawardani, D. (2019). Pengaruh Penerapan Pemberian Posisi Semi Fowler Terhadap Pneumonia. *Jurnal Keperawatan Dan Kebidanan*, 42–46.
- Mustikarani, A., & Mustofa, A. (2020). Peningkatan Saturasi Oksigen Pada Pasien Stroke Melalui Pemberian Posisi Head Up. *Ners Muda*, 1(2), 114. <https://doi.org/10.26714/nm.v1i2.5750>
- Nasution, D. S., & Muhammad. (2020). Hubungan Hipertensi Dengan Gangguan Pendengaran Di Rumah Sakit Bhayangkara TK II Medan. *Jurnal Pandu Husada*, 1(4), 221. <https://doi.org/10.30596/jph.v1i4.5434>
- Naz, R., Gul, A., Javed, U., Urooj, A., Amin, S., & Fatima, Z. (2018). Etiology of Acute Viral Respiratory Infections Common in Pakistan: A Review. *Reviews in Medical Virology*, 29(2). <https://doi.org/10.1002/rmv.2024>
- Noviyanti, D. W., Wahyuni, A., Ramdini, D. A., & Rahmayani, F. (2022). HUBUNGAN LAMA PENGGUNAAN VENTILATOR MEKANIK DENGAN MORTALITAS DI INTENSIVE CARE UNIT (ICU) RSUD Dr. H. ABDUL MOELOEK. *Medical Profession Journal of Lampung*, 12(1), 153–159. <https://doi.org/10.53089/medula.v12i1.391>

- Papi, A., Bellettato, C. M., Braccioni, F., Romagnoli, M., Casolari, P., Caramori, G., Fabbri, L. M., & Johnston, S. L. (2006). Infections and Airway Inflammation in Chronic Obstructive Pulmonary Disease Severe Exacerbations. *American Journal of Respiratory and Critical Care Medicine*, 173(10), 1114–1121. <https://doi.org/10.1164/rccm.200506-859oc>
- Patel, J., & Song, W. Y. (2023). *A Review of the Health Impacts of Air Pollutants*. <https://doi.org/10.22541/au.170379723.34512305/v1>
- Peixoto-Souza, F. S., Araujo, P. N. d., Barbalho-Moulin, M. C., Alves, V. C., Gomes, É. L. de F. D., & Costa, D. (2016). Influence of Body Composition on Lung Function and Respiratory Muscle Strength in Children With Obesity. *Journal of Clinical Medicine Research*, 8(2), 105–110. <https://doi.org/10.14740/jocmr2382w>
- Pelosi, P., Brazzi, L., & Gattinoni, L. (2002). Prone position in acute respiratory distress syndrome. *European Respiratory Journal*, 20(4), 1017–1028. <https://doi.org/10.1183/09031936.02.00401702>
- Peng, A., Guo, L., Xu, J., & Fan, J. (2021). Observation on the Nursing Effect of Prone Position Ventilation Applied to Children With Respiratory Failure. *Advanced Journal of Nursing*, 2(1). <https://doi.org/10.32629/ajn.v2i1.275>
- Perino, É., Nesme, P., Germain, M., & Guérin, C. (2016). Mechanisms of Orthopnea in Stable Obese Subjects. *Respiratory Care*, 61(8), 1015–1022. <https://doi.org/10.4187/respcare.04146>
- Petrone, P., Brathwaite, C., & Joseph, D. K. (2020). Prone Ventilation as Treatment of Acute Respiratory Distress Syndrome Related to COVID-19. *European Journal of Trauma and Emergency Surgery*, 47(4), 1017–1022. <https://doi.org/10.1007/s00068-020-01542-7>
- Poulin, P., Marchand, A., Lévesque, B., Dubé, M., Aubin, D., Ouazia, B., Duchaine, C., & Brisson, M. (2022). Impact of Improved Indoor Air Quality in Nunavik Homes on Children's Respiratory Health. *Indoor Air*, 32(2). <https://doi.org/10.1111/ina.13009>
- Pozuelo-Carrascosa, D. P., Cobo-Cuenca, A. I., Carmona-Torres, J. M., Laredo-Aguilera, J. A., Santacruz-Salas, E., & Fernández-Rodríguez, R. (2022). Body Position for Preventing Ventilator-Associated Pneumonia for Critically Ill Patients: A Systematic Review and Network Meta-Analysis. *Journal of Intensive Care*, 10(1). <https://doi.org/10.1186/s40560-022-00600-z>
- Prasenohadi, Muhamad Iman Nugraha, & Aisyah Ayu Syafitri. (2022). Penggunaan Penggunaan Kanula Hidung Arus Tinggi (KHAT) Untuk Proses Penyapihan Ventilasi Mekanis pada Pasien Penyakit Paru Kronik (Laporan Kasus). *Unram Medical Journal*, 11(1), 796–800. <https://doi.org/10.29303/jku.v11i1.643>
- Pratiwi, S. S., & Chanif, C. (2021). Penerapan Teknik Pernapasan Buteyko terhadap Perubahan Hemodinamik Pada Asuhan Keperawatan Pasien Asma Bronchial. *Holistic Nursing Care Approach*, 1(1), 9. <https://doi.org/10.26714/hnca.v1i1.8255>
- Puri, K., Aftab, G., Madhavan, A., Patel, K. V., & Puri, M. (2020). Platypnea-Orthodeoxia Syndrome: A Rare and Treatable Cause of Positional Dyspnea. *Cureus*, 12(L), 10–12. <https://doi.org/10.7759/cureus.9052>
- Puspita, T., Prayoga, R., Mulyana, Y., & Widadi, S. Y. (2022). Analysis of Nursing Care on Congestive Heart Failure Disease Using Semifowler's Position to Increase Oxygen Saturation. *Journal of Health Science and Nursing Studies*, 1(1). <https://doi.org/10.58516/jhsns.v1i1.24>
- Putra, A. A. G. M., & Saraswati, M. R. (2021). Prevalensi Diabetes Melitus Tipe 2 Dengan Hipertensi Di Rsup Sanglah Denpasar Tahun 2015. *E-Jurnal Medika Udayana*, 10(6), 61. <https://doi.org/10.24843/mu.2021.v10.i6.p12>
- Qayyum, U., Akhtar, N., Nisar, S., Qayyum, A., Hussain, A., & Kashif, A. S. (2022a). Effect of Prone Positioning as Modality for Improvement in Bedside Oxygen Saturation in Awake Non-Intubated COVID-19 Patients and Its Relationship With High Resolution CT Chest Severity Score. *Pakistan Armed Forces Medical Journal*, 72(1), 223–226. <https://doi.org/10.51253/pafmj.v72i1.5920>

- Qayyum, U., Akhtar, N., Nisar, S., Qayyum, A., Hussain, A., & Kashif, A. S. (2022b). *Effect of Prone Positioning As Modality for Improvement in Bedside Oxygen Saturation in Awake Non-Intubated COVID-19 Patients and Its Relationship With High Resolution CT Chest Severity Score*. 72(1), 223–227.
- R, R. C., P, S. K., & P, S. (2015). Design and Development of Miniaturized Pulse Oximeter for Continuous Spo2 and HR Monitoring with Wireless Technology. *International Journal of New Technology and Research*, 1(1), 263706.
- Rahmawati, E. Y., Pranggono, E. H., & Priambodo, A. P. (2021). The Effect of Lateral Position With Head Up 45° on Oxygenation in Pleural Effusion Patients. *Jurnal Keperawatan Padjadjaran*, 9(2), 124–130. <https://doi.org/10.24198/jkp.v9i2.1672>
- Rauseo, M., & Mirabella, L. (2021). SARS-CoV-2 Pneumonia Succesfully Treated With Cpap and Cycles of Tripod Position: A Case Report. *BMC Anesthesiology*, 21(1). <https://doi.org/10.1186/s12871-020-01221-5>
- Rauseo, M., Mirabella, L., Caporusso, R. R., Cantatore, L. P., Perrini, M. P., Vetuschi, P., La Bella, D., Tullo, L., & Cinnella, G. (2021). SARS-CoV-2 pneumonia succesfully treated with cpap and cycles of tripod position: a case report. *BMC Anesthesiology*, 21(1), 1–4. <https://doi.org/10.1186/s12871-020-01221-5>
- Ritianingsih, N. (2008). Pengaruh Posisi Duduk High Fowler dan Orthopenic Terhadap Fungsi Ventilasi Paru Pada Asuhan Keperawatan Pasien PPOK di RS Paru Dr. Goenawan Partowidigdo Bogor. *Jurnal Keperawatan Indonesia*, 20(1), 78–79.
- Ritianingsih, N., Irawaty, D., & Handiyani, H. (2011). Peningkatan Fungsi Ventilasi Paru Pada Klien Penyakit Paru Obstruksi Kronis Dengan Posisi High Fowler Dan Orthopneic. *Jurnal Keperawatan Indonesia*, 14(1), 31–36. <https://doi.org/10.7454/jki.v14i1.54>
- Sari, G. P., Samekto, M., & Adi, M. S. (2017). FAKTOR-FAKTOR YANG BERPENGARUH TERHADAP TERJADINYA HIPERTENSI PADA PENDERITA DIABETES MELITUS TIPE II (Studi Di Wilayah Puskesmas Kabupaten Pati). *Jurnal Litbang Media Informasi Penelitian Pengembangan Dan Iptek*, 13(1), 47–59. <https://doi.org/10.33658/jl.v13i1.92>
- Schreiber, A., Poli, B. F., Bos, L. D. J., & Nenna, R. (2018). Noninvasive Ventilation in Hypercapnic Respiratory Failure: From Rocking Beds to Fancy Masks. *Breathe*, 14(3), 235–237. <https://doi.org/10.1183/20734735.018918>
- Sepina, S., Anggraini, R. B., & Arjuna, A. (2023). Pengaruh Pemberian Posisi Semi Fowler Terhadap Peningkatan Saturasi Oksigen Pasien Chf Di Rsud Dr. (H.C). Ir. Soekarno Provinsi Kepulauan Bangka Belitung Tahun 2022. *Jurnal Keperawatan*, 12(1), 48–55. <https://doi.org/10.47560/kep.v12i1.471>
- Septania, S. M., Fitria, N., & Mediawati, A. S. (2023). Effectiveness of 30o Head Elevation Intervention on Head Pain Levels in Patients With Space Occupying Lesion (SOL) Intracranial Tumor Post-Op Craniotomy : Case Study. *Mahesa Malahayati Health Student Journal*, 3(7), 2019–2029. <https://doi.org/10.33024/mahesa.v3i7.10688>
- Shelhamer, M. C., Wesson, P., Solari, I. L., Jensen, D. L., Steele, W. A., Dimitrov, V., Kelly, J. D., Aziz, S., Gutierrez, V. P., Vittinghoff, E., Chung, K. K., Menon, V., Ambris, H. A., & Baxi, S. M. (2020). Prone Positioning in Moderate to Severe Acute Respiratory Distress Syndrome Due to COVID-19: A Cohort Study and Analysis of Physiology. *Journal of Intensive Care Medicine*, 36(2), 241–252. <https://doi.org/10.1177/0885066620980399>
- Spysterelle, I., Fagerlund, M. J., Holmgren, E., Johansson, G., Sahlin, C., Thunberg, J., & Franklin, K. A. (2021). Positive Expiratory Pressure Therapy on Oxygen Saturation and Ventilation After Abdominal Surgery. *Annals of Surgery Open*, 2(4), e101. <https://doi.org/10.1097/as9.0000000000000101>
- Sugiyono. (2016). *Statistika Untuk Penelitian*. CV. Alfabeta.

- Sumiarty, C., & Sulisty, F. A. (2020). Hubungan Respiratory Rate (RR) Dengan Oxygen Saturation (SPO2) Pada Pasien Cedera Kepala. *Jurnal Ilmiah Wijaya*, 12, 2301–4113. www.jurnalwijaya.com;
- Sundari, E., & Rimbun, L. R. (2021). Pengaruh Posisi Prone Pada Balita Dengan Pneumonia Terhadap Peningkatan Saturasi Oksigen Di Ruang PICU RSAB Harapan Kita Jakarta. *J. Nursing and Health Science*, 1(1), 22–26. <https://doi.org/10.58730/jnhs.v1i1.19>
- Touchon, F., Trigui, Y., Prud'Homme, E., Lefèbvre, L., Giraud, A., Dols, A. M., Martinez, S., Bernardi, M., Begne, C., Granier, P., Chanez, P., Forel, J.-M., Papazian, L., & Elharrar, X. (2021). Awake Prone Positioning for Hypoxaemic Respiratory Failure: Past, COVID-19 and Perspectives. *European Respiratory Review*, 30(160), 210022. <https://doi.org/10.1183/16000617.0022-2021>
- Udayani, W., Amin, M., & Makhfudli, M. (2020). Pengaruh Kombinasi Teknik Pernapasan Buteyko Dan Latihan Berjalan Terhadap Kontrol Asma Pada Pasien Asma Dewasa. *Jurnal Ilmiah Keperawatan (Scientific Journal of Nursing)*, 6(1), 6–12. <https://doi.org/10.33023/jikep.v6i1.331>
- Ummara, A. F. (2021). Keperawatan Medikal Bedah Sistem Respirasi. In *Yayasan Kita Menulis* (Vol. 7, Issue 2). https://www.google.co.id/books/edition/Keperawatan_Medikal_Bedah_Sistem_Respira/x5xFEAAQBAJ?hl=en&gbpv=1&dq=edema+paru+akut+adalah&printsec=frontcover
- Utami, M. N. (2019). *pengaruh Orthopneic Position, Diafragmatic breathing exercise dan Pursed lip breathing terhadap peningkatan sangkar thoraks pada penderita Tuberculosis*. (September), 1–6.
- Venus, K., Munshi, L., & Fralick, M. (2020). Prone positioning for patients with hypoxic respiratory failure related to COVID-19. *Cmaj*, 192(47), E1532–E1537. <https://doi.org/10.1503/cmaj.201201>
- Wang, W., KUANG, Y., YANG, Y., ZHAO, Z., & Tang, M. (2023). Incorporating Self-Efficacy Theory to Awake Prone Positioning in COVID-19 Patients: A Single-Center Perspective Study. *Medical Research*, 5(1). <https://doi.org/10.6913/mrhc.050102>
- Wedzicha, J. A., & Seemungal, T. (2007). COPD Exacerbations: Defining Their Cause and Prevention. *The Lancet*, 370(9589), 786–796. [https://doi.org/10.1016/s0140-6736\(07\)61382-8](https://doi.org/10.1016/s0140-6736(07)61382-8)
- WHO. (2011). Using Pulse Oximeters The Pulse Oximeter. *World Health Organization*, 1–36. https://www.who.int/patientsafety/safesurgery/pulse_oximetry/who_ps_pulse_oxymetry_tutorial_1_the_basics_en.pdf
- WHO. (2024). *Chronic obstructive pulmonary disease (COPD)*. WHO. [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))
- Wibowo, C. P., Wisudarti, C. F. R., & Jufan, A. Y. (2020). Hubungan Nilai “Lung Ultrasound Score (Lus)” Dengan P/F Ratio Pada Pasien Pneumonia Yang Dirawat Di Icu Rsup DR Sardjito. *Jka*, 7(2), 21–29. <https://doi.org/10.22146/jka.v7i2.7448>
- Widmer, K., Zhu, Y., Williams, J. V., Griffin, M. R., Edwards, K. M., & Talbot, H. K. (2012). Rates of Hospitalizations for Respiratory Syncytial Virus, Human Metapneumovirus, and Influenza Virus in Older Adults. *The Journal of Infectious Diseases*, 206(1), 56–62. <https://doi.org/10.1093/infdis/jis309>
- Widyantoro, W., Setyowati, N., & Widhiastuti, R. (2022). Beban Kerja Perawat Pelaksana Dengan Penerapan Patient Safety Di Ruang-Isolasi Covid-19 Rs Mitra Siaga Tegal. *Bhamada: Jurnal Ilmu Dan Teknologi Kesehatan (E-Journal)*, 13(1), 82–89. <https://doi.org/10.36308/jik.v13i1.363>
- Wiraputri, C. B., Salam, A. Y., & Rahmat, N. N. (2023). Pengaruh Teknik Proning Terhadap Peningkatan Saturasi Oksigen Pada Pasien Tb Paru. *Pengaruh Latihan Batuk Efektif Terhadap Frekuensi Pernafasan Pasien TB Paru*, 2(10), 212–222. <https://journal-mandiracendikia.com/jikmc>
- Wirawan, N., Periadi, N., & Kusuma, M. I. A. (2022). The Effect of Intervention on Semi Fowler and Fowler Positions on Increasing Oxygen Saturation in Heart Failure Patients. *Kesans International*

Journal of Health and Science, 1(11), 979–993. <https://doi.org/10.54543/kesans.v1i11.104>

- Yadav, S., Jahagirdar, A. A., Jamwal, P., Mishra, J., Thind, G. B. S., Shashank, C., & Tiwari, R. (2024). Retrospective Study of Anesthesia-Related Complications in Elderly Patients Undergoing Surgery. *Journal of Pharmacy and Bioallied Sciences*, 16(Suppl 3), S2572–S2575. https://doi.org/10.4103/jpbs.jpbs_253_24
- Yayuk Puji Rahayu, Rahman, H. F., & Khotimah, H. (2021). Teknik Proning Berpengaruh Terhadap Saturasi Oksigen Pada Pasien Corona Virus Disease (Covid- 19). *Jurnal Penelitian Perawat Profesional*, 3(1), 153–158. <https://journal-mandiracendikia.com/index.php/JIK-MC/article/view/609>
- Yoon, J. G., Noh, J. Y., Choi, W. S., Park, J. J., Suh, Y. B., Song, J. Y., Cheong, H. J., & Kim, W. J. (2020). Clinical Characteristics and Disease Burden of Respiratory Syncytial Virus Infection Among Hospitalized Adults. *Scientific Reports*, 10(1). <https://doi.org/10.1038/s41598-020-69017-8>
- Zahra Al Khansa, Tejasari, M., & Dadang Rukanta. (2023). Perbandingan Perbaikan Klinis pada Pasien Gagal Napas yang Menggunakan dan Tidak Menggunakan Ventilator di Rumah Sakit Umum Daerah Al – Ihsan Provinsi Jawa Barat. *Bandung Conference Series: Medical Science*, 3(1), 429–432. <https://doi.org/10.29313/bcsms.v3i1.6195>