

DAFTAR PUSTAKA

- Abouir, K., Samer, C. F., Gloor, Y., Desmeules, J. A., & Daali, Y. (2021). Reviewing data integrated for pbpk model development to predict metabolic drug-drug interactions: shifting perspectives and emerging trends. *Frontiers in Pharmacology*, 12. <https://doi.org/10.3389/fphar.2021.708299>
- Adli, F. K. (2021). Diabetes melitus Gestasional: Diagnosis dan faktor risiko. *Jurnal Medika Hutama*, 3(1), 1545–1551. <http://jurnalmedikahutama.com>
- Aeni, S. N., Sukandar, E. Y., & Hermanto, F. (2024). Kajian interaksi obat pasien diabetes di beberapa rumah sakit di indonesia. *Jurnal Buana Farma*, 4(3), 204–218. <https://doi.org/10.36805/jbf.v4i3.1123>
- Agita, A., & Thaha, M. (2017). Inflammation, immunity, and hypertension. In *Acta Med Indones-Indones J Intern Med*. (Vol. 49, Issue 2).
- Agustin, O. A., & Fitrianingsih. (2020). Kajian interaksi obat berdasarkan kategori signifikansi klinis terhadap pola persepan pasien rawat jalan di apotek x jambi. *Scientific Of Environmental Health and Diseases*, 1(1), 1–10.
- Alabdali, M. M., Alrasheed, A. S., Alghirash, F. A., Almaqboul, T. M., Alhashim, A., Aljaafari, D. T., & Alqarni, M. A. (2025). Stress hyperglycemia as a prognostic indicator of the clinical outcomes in patients with stroke: a comprehensive literature review. in *biomedicines* (Vol. 13, Issue 8). *Multidisciplinary Digital Publishing Institute* (MDPI). <https://doi.org/10.3390/biomedicines13081834>
- Albrich, W. C., Rassouli, F., Waldeck, F., Berger, C., & Baty, F. (2019). Influence of older age and other risk factors on pneumonia hospitalization in switzerland in the pneumococcal vaccine era. *Frontiers in Medicine*, 6. <https://doi.org/10.3389/fmed.2019.00286>
- Al-Ghofray, A., aldawud, A., & Al-bardan, H. (2024). *The Relationship Between Diabetes and Pneumonia*. <https://doi.org/10.21203/rs.3.rs-5194658/v1>
- Al-Hassani, I., Khan, N. A., Elmenyar, E., Al-Hassani, A., Rizoli, S., Al-Thani, H., & El-Menyar, A. (2024). The Interaction and Implication of Stress-Induced Hyperglycemia and Cytokine Release Following Traumatic Injury: A Structured Scoping Review. In *Diagnostics* (Vol. 14, Issue 23). *Multidisciplinary Digital Publishing Institute* (MDPI). <https://doi.org/10.3390/diagnostics14232649>

- Aliberti, S., Dela Cruz, C. S., Amati, F., Sotgiu, G., & Restrepo, M. I. (2021). Community-acquired pneumonia. *The Lancet*, 398(10303), 906–919. www.thelancet.com
- Almasdy, D., Sari, D. P., Suhatri, S., Darwin, D., & Kurniasih, N. (2015). Evaluasi Penggunaan Obat Antidiabetik Pada Pasien Diabetes Melitus Tipe-2 di Suatu Rumah Sakit Pemerintah Kota Padang – Sumatera Barat. *Jurnal Sains Farmasi & Klinis*, 2(1), 104. <https://doi.org/10.29208/jsfk.2015.2.1.58>
- American Diabetes Association. (2024). Diagnosis and classification of diabetes: standards of care in diabetes—2024. *Diabetes Care*, 47, S20–S42. <https://doi.org/10.2337/dc24-S002>
- Andor, M., Man, D. E., Nistor, D. C., Buda, V., & Dragan, S. (2024). The Influence of COVID-19 in Glycemic Control: Predictive Value of Inflammation and Metabolic Parameters. *Biomedicines*, 12(11). <https://doi.org/10.3390/biomedicines12112642>
- Antar, S. A., Ashour, N. A., Sharaky, M., Khattab, M., Ashour, N. A., Zaid, R. T., Roh, E. J., Elkamhawy, A., & Al-Karmalawy, A. A. (2023). Diabetes mellitus: Classification, mediators, and complications; A gate to identify potential targets for the development of new effective treatments. In *Biomedicine and Pharmacotherapy* (Vol. 168). Elsevier Masson s.r.l. <https://doi.org/10.1016/j.biopha.2023.115734>
- Bader, M. S., Yi, Y., Abouchehade, K., Haroon, B., Bishop, L. D., & Hawboldt, J. (2016a). *Community-Acquired Pneumonia* in Patients With Diabetes Mellitus: Predictors of Complications and Length of Hospital Stay. *American Journal of the Medical Sciences*, 352(1), 30–35. <https://doi.org/10.1016/j.amjms.2016.02.032>
- Baxter, Karen., & Stockley, I. H. . (2010). *Stockley's drug interactions : a source book of interactions, their mechanisms, clinical importance and management* (9th ed.). Pharmaceutical Press.
- Bongakaraeng, T. Y., Lalenoh, D. C., & Laiha, M. L. (2025). Profil length of stay dan lama penggunaan ventilator pasien pneumonia dengan diabetes melitus tipe 2 di ICU RSUP Prof. Dr. R. D. kandou manado. *Journal of Comprehensive Science*, 4(12), 2025.
- Centers for Disease Control and Prevention. (2025). Pneumonia (Ventilator-associated [VAP] and non-ventilator-associated Pneumonia [PNEU]) Event. *National Healthcare Safety Network*.

- Cheng, T., Li, Y., Gu, W., Sun, M., Feng, Y., & Cheng, Q. (2025). Comorbidities and their impact on in-hospital mortality in hospitalized adult patients with bacterial community-acquired pneumonia: a cohort study. *Journal of Thoracic Disease*, 17(7), 4909–4928. <https://doi.org/10.21037/jtd-2024-2081>
- Choi, Y. H., Lee, I. H., Yang, M., Cho, Y. S., Jo, Y. H., Bae, H. J., Kim, Y. S., & Park, J. D. (2021). Clinical significance of potential drug-drug interactions in a pediatric intensive care unit: A single-center retrospective study. *PLoS ONE*, <https://doi.org/10.1371/journal.pone.0246754>
- Cillóniz, C., Cardozo, C., & García-Vidal, C. (2018). Epidemiology, pathophysiology, and microbiology of community-acquired pneumonia. *Annals of Research Hospitals*, 2, 1–1. <https://doi.org/10.21037/arh.2017.12.03>
- Cilloniz, C., & Torres, A. (2024). Diabetes Mellitus and Pneumococcal Pneumonia. In *Diagnostics* (Vol. 14, Issue 8). Multidisciplinary Digital Publishing Institute (MDPI). <https://doi.org/10.3390/diagnostics14080859>
- Decroli, E. (2019). *DIABETES MELITUS TIPE 2*. Pusat Penerbitan Bagian Ilmu Penyakit Dalam. <https://idf.org/news/new-type-5-diabetes-working-group/>
- Dewi, R., Hadriyati, A., & Situngkir, E. N. (2025). Analisis interaksi obat antidiabetik terhadap clinical outcome pasien DM tipe 2 di RS X jambi. *Jurnal Akademika Baiturrahim Jambi*, 14(1), 80–92. <https://doi.org/10.36565/jab.v14i1.898>
- Dimakos, J., Cui, Y., Platt, R. W., Renoux, C., Filion, K. B., & Douros, A. (2024). Fluorokuinolons and the risk of severe hypoglycaemia among sulphonylurea users: Population-based cohort study. *Diabetes, Obesity and Metabolism*, 26(8), 3088–3098. <https://doi.org/10.1111/dom.15627>
- Drugs.com. (2025, November 20). *Drugs Interaction Checker*. https://www.drugs.com/drug_interactions.html
- Efriani, L., Putra, A., & Fitriyani, F. (2020). Effectiveness analysis of levofloksasin and ceftriaxon antibiotics in pneumonia patients in the inpatient installation at RSD X Cirebon City Year 2023 Analisis efektivitas antibiotik levofloksasin dan ceftriaxon pada pasien pneumonia di instalasi rawat inap RSD X Kota Cirebon Tahun 2023. *JPS*, 2025(1), 564–570. <https://doi.org/10.36490/journal-jps.com>
- Erez, A. P., Ramos, A., & Carreras, G. (2019). Insulin Therapy in Hospitalized Patients. *American Journal of Therapeutics*, 0, 1–8. www.americantherapeutics.com

- Eskandari, M., Alizadeh Bahmani, A. H., Mardani-Fard, H. A., Karimzadeh, I., Omidifar, N., & Peymani, P. (2022). Evaluation of factors that influenced the length of hospital stay using data mining techniques. *BMC Medical Informatics and Decision Making*, 22(1). <https://doi.org/10.1186/s12911-022-02027-w>
- Fitriani, A., & Padmasari, S. (2022). Analisis Potensi Interaksi Obat Antidiabetik Pada Pasien Diabetes Melitus Tipe 2 Rawat Inap RS PKU Muhammadiyah Gamping Yogyakarta. *Majalah Farmaseutik*, 18(1), 37. <https://doi.org/10.22146/farmaseutik.v18i1.71905>
- Ganesan, G., Vidyasagar, S., Bolanthakodi, N., & Sukumar, C. A. (2025). Clinical profile of stress hyperglycemia in medical intensive care units. *Clinical Epidemiology and Global Health*, 32. <https://doi.org/10.1016/j.cegh.2025.101941>
- Grant, L. R., Meche, A., McGrath, L., Miles, A., Alfred, T., Yan, Q., & Chilson, E. (2023). Risk of Pneumococcal Disease in US Adults by Age and Risk Profile. *Open Forum Infectious Diseases*, 10(5). <https://doi.org/10.1093/ofid/ofad192>
- Gulbech Ording, A., & Toft Sørensen, H. (2013). Concepts of comorbidities, multiple morbidities, complications, and their clinical epidemiologic analogs. *Clinical Epidemiology*, 5(1), 199–203. <https://doi.org/10.2147/CLEP.S45305>
- Hanutami, B., & Dandan, K. L. (2019). Identifikasi potensi interaksi antar obat pada resep umum di apotek kimia farma 58 kota bandung bulan april 2019. *Farmaka*, 17, 57–64.
- Herawati, N., Muhith, A., & Zahroh, C. (2024). Ventilator-Associated Pneumonia (VAP) Prevention Strategy by Increasing Nurse Compliance in the Implementation of VAP Bundles and the Implementation of Pulmonary Infection Score: A Systematic Review. *Journal of Applied Nursing and Health*, 6(2), 253–269. <https://doi.org/10.55018/janh.v6i2.253>
- Huang, D., He, D., Gong, L., Wang, W., Yang, L., Zhang, Z., Shi, Y., & Liang, Z. (2021). Clinical characteristics and risk factors associated with mortality in patients with severe *Community-Acquired Pneumonia* and type 2 diabetes mellitus. *Critical Care*, 25(1). <https://doi.org/10.1186/s13054-021-03841-w>
- International Diabetes Federation. (2025). *IDF launches new type 5 diabetes working group*.
- Irawan, R., Reviono, & Harsini. (2019). Korelasi kadar copeptin dan skor PSI dengan waktu terapi sulih antibiotik intravena ke oral dan lama rawat pneumonia komunitas. *Jurnal Respirologi Indonesia*, 39(1).

- Jain, R. (2025). Type 5 Diabetes. *Diabetes Asia Journal*, 1(4), 67–69. <https://doi.org/10.62996/daj.44122025>
- Jensen, A. V., Egelund, G. B., Andersen, S. B., Petersen, P. T., Benfield, T., Faurholt-Jepsen, D., Rohde, G., & Ravn, P. (2017). The impact of blood glucose on community-acquired pneumonia: A retrospective cohort study. *ERJ Open Research*, 3(2). <https://doi.org/10.1183/23120541.00114-2016>
- Jha, R., Sengupta, S., Mukhopadhyay, A., & Chakraborty, R. (2024). Etiology of Community Acquired Pneumonia at a Tertiary Care Hospital. *The Journal of Association of Chest Physicians*, 12(2), 75–81. https://doi.org/10.4103/jacp.jacp_42_23
- Kahn, S. E., Cooper, M. E., & Del Prato, S. (2014). Pathophysiology and treatment of type 2 diabetes: Perspectives on the past, present, and future. In *The Lancet* (Vol. 383, Issue 9922, pp. 1068–1083). Elsevier B.V. [https://doi.org/10.1016/S0140-6736\(13\)62154-6](https://doi.org/10.1016/S0140-6736(13)62154-6)
- Katsarou, A., Gudbjörnsdottir, S., Rawshani, A., Dabelea, D., Bonifacio, E., Anderson, B. J., Jacobsen, L. M., Schatz, D. A., & Lernmark, A. (2017). Type 1 diabetes mellitus. *Nature Reviews Disease Primers*, 3. <https://doi.org/10.1038/nrdp.2017.16>
- Kellenberger, A., Dewal, R. S., de Wouters d'Oplinter, A., Sichert, A., Heine, M., Fuh, M. M., Slack, E., Delessa Challa, T., & Wolfrum, C. (2025). Antibiotic-induced gut microbiota depletion enhances glucose tolerance linked to GLP-1 signaling. *Frontiers in Endocrinology*, 16. <https://doi.org/10.3389/fendo.2025.1684155>
- Kementrian Kesehatan RI. (2023a). *Keputusan menteri kesehatan republik indonesia nomor hk.01.07/menkes/2147/2023 tentang pedoman nasional pelayanan kedokteran tata laksana pneumonia pada dewasa*.
- Kementrian Kesehatan RI. (2023b). *Survei kesehatan indonesia (SKI) 2023 Dalam Angka*.
- Kementrian Kesehatan RI. (2021). *Profil kesehatan indonesia tahun 2021*.
- Kementrian Kesehatan RI. (2022). *Profil kesehatan indonesia tahun 2022*.
- Khadka, B., Lee, J. Y., Park, E. K., Kim, K. T., & Bae, J. S. (2021). Impacts of drug interactions on pharmacokinetics and the brain transporters: A recent review of natural compound-drug interactions in brain disorders. *International Journal of Molecular Sciences*, 22(4), 1–20. <https://doi.org/10.3390/ijms22041809>

- Kolewora, Y. M., Adeningsi. M, A. S., & Widjaya, M. P. (2025). Analisis faktor risiko kejadian pneumonia komunitas di rumah sakit umum daerah kabupaten buton selatan. *Jurnal Ilmiah Global Education*, 6(4), 3061–3073. <https://doi.org/10.55681/jige.v6i4.4856>
- Kshirsagar, P. vitthal, Nemane, P. S., Khose, A. S., & Nalwade, O. B. (2024). A review on drug interaction. *World Journal of Biology Pharmacy and Health Sciences*, 18(3), 031–042. <https://doi.org/10.30574/wjbphs.2024.18.3.0284>
- Kumari, S., Jain, S., & Kumar, S. (2022). Effects of Polypharmacy in Elderly Diabetic Patients: A Review. *Cureus*. <https://doi.org/10.7759/cureus.29068>
- Kyler, K. E., Hall, M., Antoon, J. W., Goldman, J., Shah, S. S., Sonya, T. G., Williams, D. J., & Feinstein, J. A. (2024). Mayor Drug-Drug Interaction Exposure Among Medicaid-Insured Children in the Outpatient Setting. *Pediatrics*, 153(2). <http://publications.aap.org/pediatrics/article-pdf/153/2/e2023063506/1593390/peds.2023-063506.pdf>
- Lee, S., Ock, M., Kim, H. S., & Kim, H. (2020). Effects of Co-administration of Sulfonylureas and Antimicrobial Drugs on Hypoglycemia in Patients with Type 2 Diabetes Using a Case-Crossover Design. *Pharmacotherapy*, 40(9), 902–912. <https://doi.org/10.1002/phar.2450>
- Liao, S. H., Hu, S. Y., How, C. K., Hsieh, V. C. R., Chan, C. M., Chiu, C. S., & Hsieh, M. S. (2022). Risk for hypoglycemic emergency with levofloksasin use, a population-based propensity score matched nested case-control study. *PLOS ONE*, 17. <https://doi.org/10.1371/journal.pone.0266471>
- Lim, W. S. (2021). Pneumonia—Overview. In *Encyclopedia of Respiratory Medicine, Second Edition* (Vol. 4, pp. 185–197). Elsevier. <https://doi.org/10.1016/B978-0-12-801238-3.11636-8>
- Liu, X., Zhao, Q., He, X., Min, J., Yao, R. S. Y., Chen, Z., Ma, J., Hu, W., Huang, J., Wan, H., Guo, Y., & Zhou, M. (2024). Clinical characteristics and microbial signatures in the lower airways of diabetic and nondiabetic patients with pneumonia. *Journal of Thoracic Disease*, 16(8), 5262–5273. <https://doi.org/10.21037/jtd-24-490>
- López-De-Andrés, A., De Miguel-Díez, J., Jiménez-Trujillo, I., Hernández-Barrera, V., De Miguel-Yanes, J. M., Méndez-Bailón, M., Pérez-Farinós, N., Ngel Salinero-Fort, M. Á., & Jiménez-García, R. (2017). Hospitalisation with *Community-Acquired Pneumonia* among patients with type 2 diabetes: an observational population-based study in Spain from 2004 to 2013. *BMJ Open*, 7. <https://doi.org/10.1136/bmjopen-2016>

- Luthfiyanti, N., & Setyawan, A. (2024). Hubungan kepatuhan pengobatan terhadap outcome klinis pada pasien diabetes melitus tipe 2 di RSUD dr. Moewardi. *Jurnal Kesehatan Tambusai*, 5, 13202–13210.
- Mackenzie, G. (2016). The definition and classification of pneumonia. *Pneumonia*, 8(1). <https://doi.org/10.1186/s41479-016-0012-z>
- Marfil-Garza, B. A., Belaunzarán-Zamudio, P. F., Gullías-Herrero, A., Zuñiga, A. C., Caro-Vega, Y., Kershenobich-Stalnikowitz, D., & Sifuentes-Osornio, J. (2018). Risk factors associated with prolonged hospital length-of-stay: 18-year retrospective study of hospitalizations in a tertiary healthcare center in Mexico. *PLOS ONE*, 13(11). <https://doi.org/10.1371/journal.pone.0207203>
- Martins, M., Boavida, J. M., Raposo, J. F., Froes, F., Nunes, B., Ribeiro, R. T., Macedo, M. P., & Penha-Gonçalves, C. (2016). Diabetes hinders *Community-Acquired Pneumonia* outcomes in hospitalized patients. *BMJ Open Diabetes Research and Care*, 4(1). <https://doi.org/10.1136/bmjdr-2015-000181>
- Marzel, R. (2021). Terapi pada DM tipe 1. *Jurnal Penelitian Perawat Profesional*, 1, 51–62. <http://jurnal.globalhealthsciencegroup.com/index.php/JPPP>
- Mashaldi, K., Wera, M., Widoretno, E. T. W., & Kusuma, O. I. (2025). The relationship between diabetes mellitus and the incidence of pneumonia in patients at dr. T. C. Hillers maumere regional general hospital in 2023. *Journal of Widya Medika Junior*, 7(3). <https://doi.org/10.33508/jwmj.v7i3.7700>
- Mashar, H. M., Ilyas, M., Mahata, L. E., & Mulki, M. A. (2023). *Interaksi obat*.
- Medscape Reference. (2025, November 20). *Drug Interaction Checker*. <https://reference.medscape.com/drug-interactionchecker>
- Miller, F. (2018). Ventilator-Associated Pneumonia. *World Federation of Societies of Anesthesiologists*. www.wfsahq.org/resources/anaesthesia-tutorial-of-the-week
- Miron, M., Blaj, M., Ristescu, A. I., Iosep, G., Avădanei, A. N., Iosep, D. G., Crișan-Dabija, R., Ciocan, A., Perțea, M., Manciu, C. D., Luca, Ștefana, Grigorescu, C., & Luca, M. C. (2024). Hospital-Acquired Pneumonia and Ventilator-Associated Pneumonia: A Literature Review. In *Microorganisms* (Vol. 12, Issue 1). Multidisciplinary Digital Publishing Institute (MDPI). <https://doi.org/10.3390/microorganisms12010213>
- Natasya, F. A. (2022). Tatalaksana pneumonia. *Jurnal Medika Hutama*, 2. <http://jurnalmedikahutama.com>

- Nemes, S., Jonasson, J. M., Genell, A., & Steineck, G. (2009). Bias in odds ratios by logistic regression modelling and sample size. *BMC Medical Research Methodology*, 9(1). <https://doi.org/10.1186/1471-2288-9-56>
- Niza, H., Anwar, S. H. A.-Z., & Arimbi, R. (2023). Evaluasi potensi terjadinya interaksi obat pada pasien diabetes melitus tipe 2 dengan penggunaan obat antibiotik di rumah sakit ar bunda prabumulih. *Jurnal Kesehatan Tambusai*, 4, 6368–6374.
- Nugrahaeni, D. K., & Putri, A. (2020). Faktor risiko terjadinya diabetes mellitus tipe 2 pada wanita menopause. *Jurnal Kesehatan Kartika*, 15(3).
- Nugroho, P. (2024). Contemporary Issues in Kidney Disease: Addressing Acute Kidney Injury and Inflammation. *Indonesian Journal of Kidney and Hypertension*, 1(2), 1–4. <https://doi.org/10.32867/inakidney.v1i2.145>
- Nurul, A. S., Sumarni, Sabir, M., & Syamsi, N. (2023). Pneumonia : laporan kasus pneumonia : case report. *Medical Profession (MedPro)*, 5(2).
- Nuryani, N., & Damayanti, E. (2022). Efek hiperglikemia terhadap innate immunity serta kerentanan pada infeksi. *Tirtayasa Medical Journal*, 1(2), 49. <https://doi.org/10.52742/tmj.v1i2.15320>
- Nusair, M. B., Al-Azzam, S. I., Arabyat, R. M., Amawi, H. A., Alzoubi, K. H., & Rabah, A. A. (2020). The prevalence and severity of potential drug-drug interactions among adult polypharmacy patients at outpatient clinics in Jordan. *Saudi Pharmaceutical Journal*, 28(2), 155–160. <https://doi.org/10.1016/j.jsps.2019.11.009>
- Peng, Y., Cheng, Z., & Xie, F. (2021). Evaluation of pharmacokinetic drug-drug interactions: A review of the mechanisms, in vitro and in silico approaches. *Metabolites*, 11(2), 1–16. <https://doi.org/10.3390/metabo11020075>
- Perhimpunan Dokter Paru Indonesia. (2022). *Pedoman diagnosis dan penatalaksanaan pneumonia komunitas di indonesia* (2nd ed.).
- Perkumpulan Endokrinologi Indonesia. (2021). *Pedoman pengelolaan dan pencegahan diabetes melitus tipe 2 dewasa di indonesia*.
- Plows, J. F., Stanley, J. L., Baker, P. N., Reynolds, C. M., & Vickers, M. H. (2018). The pathophysiology of gestational diabetes mellitus. In *International Journal of Molecular Sciences* (Vol. 19, Issue 11). MDPI AG. <https://doi.org/10.3390/ijms19113342>

- Pulungan, A. B., Annisa, D., & Imada, S. (2019). Diabetes melitus tipe-1 pada anak : situasi di indonesia dan tata laksana. *Sari Pediatri*, 20(6).
- Punthakee, Z., Goldenberg, R., & Katz, P. (2018). Definition, Classification and Diagnosis of Diabetes, Prediabetes and Metabolic Syndrome. *Canadian Journal of Diabetes*, 42, S10–S15. <https://doi.org/10.1016/j.jcjd.2017.10.003>
- Puspa Sari, G., Samekto, M., & Sakundarno Adi, M. (2017). Faktor-faktor yang berpengaruh terhadap terjadinya hipertensi pada penderita diabetes melitus tipe ii (studi di wilayah puskesmas kabupaten pati) risk factors affecting hypertension in type ii diabetic patients (studies at primary healthcare centers in pati district). *Jurnal Litbang*, 13(1), 47–59.
- Putri, A. A., Junando, M., Oktafany, & Sukohar, A. (2024). Diabetes melitus tipe 2 pada pasien geriatri. *Sains Medisina*, 2(5).
- Putri, S. E., & Amalia, D. (2023). Bronkopneumonia. *Jurnal Medika Nusantara*, 1(3), 134–145. <https://doi.org/10.59680/medika.v1i3.403>
- Rahmi, S. (2025). Pengantar interaksi obat. In *Interaksi Obat* (pp. 1–10). Perkumpulan Pendidikan dan Pelatihan Tenaga Kesehatan Progres Ilmiah Kesehatan. <https://promise.nchat.id>
- Rain, R. A., Badhai, M., Reddy, G. A. K., Bhattacharjee, T., & Nayak, S. S. (2024). Pharmacokinetic drug-drug interactions: a detailed systematic review. *National Journal of Pharmaceutical Sciences*, 4(2), 37–44. <https://doi.org/10.22271/27889262.2024.v4.i2a.109>
- Reviono. (2017). *Pneumonia* (1st ed.). UNS Press.
- Rueda, Z. V., Aguilar, Y., Maya, M. A., López, L., Restrepo, A., Garcés, C., Morales, O., Royo-Pabón, C., Trujillo, M., Arango, C., Copete, Á. R., Vera, C., Giraldo, M. R., Herrera, M., & Vélez, L. A. (2022). Etiology and the challenge of diagnostic testing of *Community-Acquired Pneumonia* in children and adolescents. *BMC Pediatrics*, 22(1). <https://doi.org/10.1186/s12887-022-03235-z>
- Sari, R. T., Handrianti, D., Agustina, A., Huzairah, Z., Linda, L., & Saherna, J. (2022). Edukasi dan Implementasi Perawatan Luka Klien dengan Diabetes Melitus di Kota Banjarmasin. *Jurnal Pengabdian Kepada Masyarakat*, 5(10), 3250–3261. <https://doi.org/10.33024/jkpm.v5i10.6958>
- See, K. C. (2024). Metformin-associated lactic acidosis: A mini review of pathophysiology, diagnosis and management in critically ill patients. *World*

Journal of Diabetes, 15(6), 1178–1186.
<https://doi.org/10.4239/wjd.v15.i6.1178>

- Seisa, M. O., Saadi, S., Nayfeh, T., Muthusamy, K., Shah, S. H., Firwana, M., Hasan, B., Jawaid, T., Abd-Rabu, R., Korytkowski, M. T., Muniyappa, R., Antinori-Lent, K., Donihi, A. C., Drincic, A. T., Luger, A., Torres Roldan, V. D., Urtecho, M., Wang, Z., & Murad, M. H. (2022). A Systematic Review Supporting the Endocrine Society Clinical Practice Guideline for the Management of Hyperglycemia in Adults Hospitalized for Noncritical Illness or Undergoing Elective Surgical Procedures. In *Journal of Clinical Endocrinology and Metabolism* (Vol. 107, Issue 8, pp. 2139–2147). Endocrine Society. <https://doi.org/10.1210/clinem/dgac277>
- Selim, S. (2025). Type 5 Diabetes Mellitus: Global Recognition of a Previously Overlooked Subtype. *Bangladesh Journal of Endocrinology and Metabolism*, 4(2), 59–60. https://doi.org/10.4103/bjem.bjem_13_25
- Shoar, S., & Musher, D. M. (2020). Etiology of *Community-Acquired Pneumonia* in adults: a systematic review. *Pneumonia*, 12(1). <https://doi.org/10.1186/s41479-020-00074-3>
- Shrestha, D., & Rajbhandari, P. (2018). Prevalence and associated risk factors of tooth wear. *Journal of the Nepal Medical Association*, 56(212), 719–723. <https://doi.org/10.31729/jnma.3644>
- Singh, P., Walia, V., & Verma, P. K. (2024). Effect of Combined Treatment with Levofloxacin and Metformin on Diabetes-the Diabetes Related Behavioral and Biochemical Alterations. *Turkish Journal of Pharmaceutical Sciences*, 21(6), 528–535. <https://doi.org/10.4274/tjps.galenos.2024.26786>
- Suci, L. N. (2020). Pendekatan diagnosis dan tata laksana pneumonia pada anak. *Jurnal Kedokteran Nanggroe Medika*, 3(1), 30.
- Sun, L., Mi, K., Hou, Y., Hui, T., Zhang, L., Tao, Y., Liu, Z., & Huang, L. (2023). Pharmacokinetic and Pharmacodynamic Drug–Drug Interactions: Research Methods and Applications. *Metabolites*, 13(8). <https://doi.org/10.3390/metabo13080897>
- Suter-Widmer, I., Christ-Crain, M., Zimmerli, W., Albrich, W., Mueller, B., & Schuetz, P. (2012). Predictors for length of hospital stay in patients with community-acquired pneumonia: Results from a swiss multicenter study. *BMC Pulmonary Medicine*, 12. <https://doi.org/10.1186/1471-2466-12-21>
- Timur, W. W., Ussa, R. E., & Widyaningrum, N. (2022). Kajian Interaksi Antar Obat Terhadap Profil Glikemik Pada Pasien Diabetes Rawat Inap Rumah Sakit

- Islam Sultan Agung Semarang The Study of Between Drug Interaction And Glycemic Profile Among In-Patients With Diabetes At Sultan Agung Islamic Hospital Semarang. In *Jurnal Farmasi Indonesia* (Vol. 19, Issue 2). www.drugs.com
- Umpierrez, G. E., Hellman, R., Korytkowski, M. T., Kosiborod, M., Maynard, G. A., Montori, V. M., Seley, J. J., & Van Den Berghe, G. (2012). Management of hyperglycemia in hospitalized patients in non-critical care setting: An endocrine society clinical practice guideline. In *Journal of Clinical Endocrinology and Metabolism* (Vol. 97, Issue 1, pp. 16–38). <https://doi.org/10.1210/jc.2011-2098>
- Urakami, T. (2019). Maturity-onset diabetes of the young (MODY): Current perspectives on diagnosis and treatment. *Diabetes, Metabolic Syndrome and Obesity*, 12, 1047–1056. <https://doi.org/10.2147/DMSO.S179793>
- Vedantam, D., Poman, D. S., Motwani, L., Asif, N., Patel, A., & Anne, K. K. (2022). Stress-Induced Hyperglycemia: Consequences and Management. *Cureus*. <https://doi.org/10.7759/cureus.26714>
- Wang, C., Fang, W., Li, Z., & Sun, L. (2023). Clinical features, risk factors, diagnosis, and treatment of trimethoprim-sulfamethoxazole-induced hypoglycemia. *Frontiers in Endocrinology*, 14. <https://doi.org/10.3389/fendo.2023.1059522>
- Warganegara, E. (2017). Pneumonia Nosokomial (Hospital-acquired, Ventilator-associated, dan Health Care-associated Penumonia). *JK Unila*, 1, 612.
- Wei, Q., Zhao, J., Wang, H., Liu, C., Hu, C., Zhao, C., Dai, Q., Hui, Z., & Wang, R. (2022). Correlation Analysis of Blood Glucose Level with Inflammatory Response and Immune Indicators in Patients with Sepsis. *Disease Markers*, 2022. <https://doi.org/10.1155/2022/8779061>
- Widiasari, K. R., Made, I., Wijaya, K., & Suputra, P. A. (2021). Diabetes melitus tipe 2: faktor risiko, diagnosis, dan tatalaksana. *Ganesha Medicina Journal*, 1(2).
- World Health Organization. (2020). Diagnosis and management of type 2 diabetes. In *Geneva: World Health Organization*.
- Yahaya, T. O., & Ufuoma, S. B. (2020). Genetics and pathophysiology of maturity-onset diabetes of the young (MODY): A review of current trends. *Oman Medical Journal*, 35(3). <https://doi.org/10.5001/omj.2020.44>

- Yale, J. F., Paty, B., & Senior, P. A. (2018). Hypoglycemia. *Canadian Journal of Diabetes*, 42, S104–S108. <https://doi.org/10.1016/j.jcjd.2017.10.010>
- Yuskawati, D., Astuty, D. A., & Wahyudi, W. (2024). Faktor-Faktor yang Berhubungan dengan Length of Stay Pasien Pneumonia di Rumah Sakit Umum Haji Medan. *MAHESA : Malahayati Health Student Journal*, 4(5), 1649–1664. <https://doi.org/10.33024/mahesa.v4i5.14541>
- Zekavat, S. M., Honigberg, M., Pirruccello, J. P., Kohli, P., Karlson, E. W., Newton-Cheh, C., Zhao, H., & Natarajan, P. (2021). Elevated Blood Pressure Increases Pneumonia Risk: Epidemiological Association and Mendelian Randomization in the UK Biobank. *Med*, 2(2), 137-148.e4. <https://doi.org/10.1016/j.medj.2020.11.001>
- Zhang, Z., Zhao, L., Zhou, X., Meng, X., & Zhou, X. (2023). Role of inflammation, immunity, and oxidative stress in hypertension: New insights and potential therapeutic targets. In *Frontiers in Immunology* (Vol. 13). Frontiers Media S.A. <https://doi.org/10.3389/fimmu.2022.1098725>
- Zheng, Y., Ley, S. H., & Hu, F. B. (2018). Global aetiology and epidemiology of type 2 diabetes mellitus and its complications. *Nature Reviews Endocrinology*, 14(2), 88–98. <https://doi.org/10.1038/nrendo.2017.151>