

DAFTAR PUSTAKA

- Akbar, Z., Rehman, S., Khan, A., Khan, A., Atif, M., & Ahmad, N. (2021). Potential drug–drug interactions in patients with cardiovascular diseases: Findings from a prospective observational study. *Journal of Pharmaceutical Policy and Practice*, 14, 63. <https://doi.org/10.1186/s40545-021-00348-1>
- Akbarzadeh, M., Bastani, M., & Shafiee, A. (2020). Severe potential drug–drug interactions and the increased length of stay in pediatric intensive care units. *Frontiers in Pharmacology*, 11, 555407. <https://www.frontiersin.org/articles/10.3389/fphar.2020.555407/full>
- Aksoyalp, Z. Ş., & Erdoğan, B. R. (2024). COMPARATIVE EVALUATION OF ARTIFICIAL INTELLIGENCE AND DRUG INTERACTION TOOLS: A PERSPECTIVE WITH THE EXAMPLE OF CLOPIDOGREL. *Journal of Faculty of Pharmacy of Ankara University*, 48(3), 1011-1020. <https://doi.org/10.33483/jfpau.1460173>
- Al-Ashwal, F. Y., Zawiah, M., Gharaibeh, L., Abu-Farha, R., & Bitar, A. N. (2023). Evaluating the sensitivity, specificity, and accuracy of ChatGPT-3.5, ChatGPT-4, Bing AI, and Bard against conventional drug–drug interactions clinical tools. *Drugs, Healthcare and Patient Safety*, 15, 137–147. <https://doi.org/10.2147/DHPS.S425858>
- Assefa, Y. A., Kedir, A., & Kahaliw, W. (2020). Survey on polypharmacy and drug–drug interactions among elderly people with cardiovascular diseases at Yekatit 12 Hospital, Addis Ababa, Ethiopia. *Integrated Pharmacy Research and Practice*, 9, 1–9.
- Ayenew, A., Mohammed, A., Molla, F., Belayneh, A., & Tegegn, H. G. (2021). Potential drug–drug interactions in ambulatory patients with cardiovascular disease at Felege Hiwot Referral Hospital, Northwest Ethiopia. *Drug, Healthcare and Patient Safety*, 13, 1–12. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7886090/>
- Baik, M., Jeon, J., Heo, S. J., Kim, J., & Yoo, J. (2025). Proton pump inhibitors use in patients with ischemic stroke on dual antiplatelet therapy at low risk of upper gastrointestinal bleeding. *Journal of the American Heart Association*, 14(1), e035239. <https://doi.org/10.1161/JAHA.124.035239>
- Baxter, K., et al. (2011). *Stockley drug interaction edisi IX*. London: Pharmaceutical Press.
- Biswas, S. (2023). Role of ChatGPT in public health. *Annals of Biomedical Engineering*, 51(5), 868–869. <https://doi.org/10.1007/s10439-023-03172-3>

Bukhari, S. (2017). Kajian interaksi obat pasien diabetes melitus tipe 2 ditinjau dari outcome terapi di Rumah Sakit Angkatan Laut Dr. Mintohardjo (Skripsi). Universitas Islam Negeri Syarif Hidayatullah.

Bularga, A., Meah, M. N., Doudesis, D., Shah, A. S. V., Mills, N. L., Newby, D. E., & Lee, K. K. (2021). Duration of dual antiplatelet therapy and stability of coronary heart disease: A 60,000-patient meta-analysis of randomized controlled trials. *Open Heart*, 8(2), 1–11. <https://doi.org/10.1136/openhrt-2021-001707>

Chen, C., & Hailin, H. (2025). *Developing locally trainable large language models*. Singapore: Nanyang Technological University.

Cole, J. W. (2017). Large artery atherosclerotic occlusive disease. *Continuum (Minneapolis)*, 23(1), 133–157.

Coupland, A. P., Thapar, A., Qureshi, M. I., Jenkins, H., & Davies, A. H. (2017). The definition of stroke. *Journal of the Royal Society of Medicine*, 110(1), 9–12. <https://doi.org/10.1177/0141076816680121>

Darmawati, A., Najah, M., & Prasetyo, S. (2024). Stroke pada lansia di Indonesia: Gambaran faktor risiko berdasarkan gender (SKI 2023). *Jurnal Biostatistik, Kependudukan, dan Informatika Kesehatan*, 5(1), 33–44. <https://doi.org/10.7454/bikfokes.v5i1.1092>

Elovic, A., & Pourmand, A. (2020). Lexicomp app review. *Journal of Digital Imaging*, 33(1), 17–20. <https://doi.org/10.1007/s10278-019-00219-x>

Emerging Risk Factors Collaboration. (2015). Diabetes mellitus, fasting glucose, and risk of cause-specific death. *The Lancet*, 385, 2152–2162. [https://doi.org/10.1016/S0140-6736\(14\)61629-1](https://doi.org/10.1016/S0140-6736(14)61629-1)

Feigin, V. L., Norrving, B., & Mensah, G. A. (2017). *Global burden of stroke*. *Circulation Research*, 120(3), 439–448. <https://doi.org/10.1161/CIRCRESAHA.116.308413>

Feigin, V. L., Brainin, M., Norrving, B., Martins, S., Sacco, R. L., Hacke, W., et al. (2019). World Stroke Organization (WSO): Global stroke fact sheet 2019. *International Journal of Stroke*, 14(8), 806–817. <https://doi.org/10.1177/174749301988135>

Freyer, O., et al. (2024). A future role for health applications of large language models. *The Lancet Digital Health*. [https://www.thelancet.com/journals/landig/article/PIIS2589-7500\(24\)00124-9/fulltext](https://www.thelancet.com/journals/landig/article/PIIS2589-7500(24)00124-9/fulltext)

Gujjarlamudi, H. (2016). Polytherapy and drug interactions in elderly. *Journal of Mid-Life Health*, 7(3), 105–107. <https://doi.org/10.4103/0976-7800.191021>

Gundlach, K., Wolf, K., Salem, I., Randerath, O., & Seiler, D. (2021). Safety of candesartan, amlodipine, and atorvastatin in combination: Interaction study in healthy subjects. *Clinical Pharmacology in Drug Development*, 10(2), 190–197.

Hou, S., Zhang, Y., Xia, Y., Zhang, H., Yu, L., & Ding, Q. (2024). Global, regional, and national epidemiology of ischemic stroke from 1990 to 2021. *European Journal of Neurology*, 31(5), 1123–1134. <https://pmc.ncbi.nlm.nih.gov/articles/PMC11555022/>

Huang, X., Lu, Z., Li, T., Zhang, J., Meng, X., Wang, Y., Shao, W., Wei, X., Jiang, Y., & Shao, R. (2026). Comorbidity patterns in patients with first-ever acute ischemic stroke and their associations with functional outcomes. *Neuroepidemiology*, 60(1), 91–103. <https://doi.org/10.1159/000544170>

Hurtubise, J., McLellan, K., Durr, K., et al. (2016). The different facets of dyslipidemia and hypertension in atherosclerosis. *Current Atherosclerosis Reports*, 18, 82. <https://doi.org/10.1007/s11883-016-0622-z>

Imanda, A., Martini, S., & Artanti, K. D. (2019). Post hypertension and stroke: A case control study. *Kesmas*, 13(4), 164–168. <https://doi.org/10.21109/kesmas.v13i4.2261>

Javaid, M., Haleem, A., & Singh, R. P. (2023). ChatGPT for healthcare services: An emerging stage for an innovative perspective. *BenchCouncil Transactions on Benchmarks, Standards and Evaluation*, 3(1), 100105.

Jeddi, F. R., Nabovati, E., Peykani, F., Anvari, S., & Toolaroud, P. B. (2022). Potential drug–drug interactions in a cardiac center: Development of simple software for pattern identification. *Journal of Tehran University Heart Center*, 17(4), 215–222.

Kamel, H., Merkler, A. E., Iadecola, C., Gupta, A., & Navi, B. B. (2019). Tailoring the approach to embolic stroke of undetermined source: A review. *JAMA Neurology*, 76(7), 855–861.

Karuniawati, H., Ikawati, Z., & Gofir, A. (2015). Pencegahan sekunder untuk menurunkan kejadian stroke berulang pada stroke iskemik. *Jurnal Manajemen Dan Pelayanan Farmasi*, 5(1), 14–21.

Kementerian Kesehatan Republik Indonesia. (2018). *Laporan nasional riset kesehatan dasar 2018*. Badan Penelitian dan Pengembangan Kesehatan.

<https://repository.badankebijakan.kemkes.go.id/id/eprint/3514/1/Laporan%20Riskesdas%202018%20Nasional.pdf>

Kementerian Kesehatan Republik Indonesia. (2019). *Pedoman nasional pelayanan kedokteran tata laksana stroke (Keputusan Menteri Kesehatan Nomor HK.01.07/Menkes/342/2019)*. Kementerian Kesehatan RI. <https://www.kemkes.go.id/id/pnpk-2019---tata-laksana-stroke>

Kheshti, R., Aalipour, M., & Namazi, S. (2016). A comparison of five common drug–drug interaction software programs regarding accuracy and comprehensiveness. *Journal of Research in Pharmacy Practice*, 5(4), 257–263. <https://doi.org/10.4103/2279-042X.192461>

Kim, H., Kim, J. T., Lee, J. S., Kim, B. J., Kang, J., Lee, K. J., ... & Bae, H. J. (2022). Stroke of other determined etiology: Results from the nationwide multicenter stroke registry. *Stroke*, 53(8), 2597–2606.

Kurniawati, N. D., Setiadi, F., & Oktovina, M. N. (2023). Identifikasi interaksi obat pada pasien stroke iskemik di rawat inap Rumah Sakit Fatmawati tahun 2023. *Jurnal Farmasi Klinik Best Practice*, 3(2), 18–29. <https://jfklin.rsupfatmawati.co.id/>

Lawes, C. M. M., Vander Hoorn, S., & Rodgers, A. (2018). Global burden of blood-pressure-related disease, 2001–2018 update. *The Lancet*, 371, 1513–1518. [https://doi.org/10.1016/S0140-6736\(08\)60655-8](https://doi.org/10.1016/S0140-6736(08)60655-8)

Li, J., et al. (2024). ChatGPT in healthcare: A taxonomy and systematic review. *Computer Methods and Programs in Biomedicine Update*. <https://www.sciencedirect.com/science/article/pii/S0169260724000087>

Lui, F., Khan, S. M. Z., & Patti, L. (2025). *Ischemic stroke*. Dalam *StatPearls [Internet]*. StatPearls Publishing. Diakses pada 6 Oktober 2025, dari <https://www.ncbi.nlm.nih.gov/books/NBK499997/>

Lund, B. D., & Wang, T. (2023). Chatting about ChatGPT: How may AI and GPT impact academia and libraries? *Library Hi Tech News*, 40(3), 26–29. <https://doi.org/10.1108/LHTN-01-2023-0009>

Mangoni, A. A., & Jackson, S. H. D. (2016). Age-related changes in pharmacokinetics and pharmacodynamics: Basic principles and practical applications. *British Journal of Clinical Pharmacology*, 82(5), 1209–1220. <https://doi.org/10.1111/bcp.13007>

Meng, X., et al. (2024). The application of large language models in medicine: A systematic review. *Frontiers in Medicine*. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC11091685/>

Mindawati, E., Nurhalimah, N., Solihat, S., Nurhamidah, W., Arfania, M., & Frianto, D. (2023). Review artikel: Efektivitas kombinasi obat aspirin dan clopidogrel sebagai antiplatelet pada pasien stroke iskemik. *INNOVATIVE: Journal of Social Science Research*, 3(2), 10656–10673. <https://j-innovative.org/index.php/Innovative>

Mousavi, S., & Ghanbari, G. (2017). Potential drug–drug interactions among hospitalized patients in a developing country. *Caspian Journal of Internal Medicine*, 8(4), 282–288. <https://doi.org/10.22088/cjim.8.4.282>

National Heart, Lung, and Blood Institute. (2023, 26 Mei). *Stroke – causes and risk factors*. U.S. Department of Health & Human Services. Diakses dari <https://www.nhlbi.nih.gov/health/stroke/causes>

Noubiap, J. J. N. (2015). Effect of initial antihypertensive combination therapy on primary stroke prevention. *Journal of Thoracic Disease*, 7(5), 787–789. <https://doi.org/10.3978/j.issn.2072-1439.2015.05.06>

Nicholson, K., Makovski, T. T., Griffith, L. E., Raina, P., Stranges, S., & van den Akker, M. (2019). Multimorbidity and comorbidity revisited: Refining the concepts for international health research. *Journal of Clinical Epidemiology*, 105, 142–146.

Ofori, D. A., Anjarwalla, P., Mwaura, L., et al. (2020). *Asuhan keperawatan pada klien dengan stroke non hemoragik yang dirawat di rumah sakit* (Vol. 2).

Omar, M., et al. (2024). A review of current clinical trials across healthcare applications of large language models. *PLOS Digital Health*. <https://journals.plos.org/digitalhealth/article?id=10.1371/journal.pdig.0000662>

Pamungkas, M., & Dewi, E. (2020). Analisis penanganan stroke iskemik di instalasi gawat darurat tahun 2016–2020: Literatur review. *Seminar Nasional Keperawatan Universitas Muhammadiyah Surakarta*, 99–108.

Patel, R. I., & Beckett, R. D. (2016). Evaluation of resources for analyzing drug interactions. *Journal of the Medical Library Association*, 104(4), 290–295. <https://doi.org/10.3163/1536-5050.104.4.007>

Patil, S., et al. (2022). Detection, diagnosis and treatment of acute ischemic stroke. *Frontiers in Medical Technology*. <https://www.frontiersin.org/journals/medical-technology/articles/10.3389/fmedt.2022.748949/full>

Permadi, Y., Akrom, Riadi, I., & Rahmatullah. (2025). Analisis Polifarmasi Terhadap Interaksi Obat Di Rumah Sakit Umum Kota Pekalongan. *Lambda*

Jurnal Ilmiah Pendidikan MIPA dan Aplikasinya, 5(1), 61–68.
<https://doi.org/10.58218/lambda.v5i1.1189>

Pinkoh, R., Rodsiri, R., & Wainipitapong, S. (2023). Retrospective cohort observation on psychotropic drug–drug interaction and identification utility from 3 databases: Drugs.com®, Lexicomp®, and Epocrates®. *PLOS ONE*, 18(6), e0287575. <https://doi.org/10.1371/journal.pone.0287575>

Powers, W. J., Rabinstein, A. A., Ackerson, T., et al. (2018). Guidelines for the early management of patients with acute ischemic stroke. *Stroke*, 49(3), e46–e110. <https://doi.org/10.1161/STR.0000000000000158>

Pranata, R., Vania, R., Huang, I., & Lukito, A. A. (2022). Stroke burden and stroke services in Indonesia. *Frontiers in Neurology*, 13, 841138. <https://doi.org/10.3389/fneur.2022.841138>

Restikasari NT, Gamayani U, Amalia L, Dian S, Cahyani A. Characteristics and Risk Factors of Patients with Acute Ischemic Stroke in Dr. Hasan Sadikin General Hospital Bandung, Indonesia. *Althea Medical Journal*. 2022;9(4):218–222

Saini, V., Guada, L., & Yavagal, D. R. (2021). Global epidemiology of stroke and access to acute ischemic stroke interventions. *Neurology*, 97(20 Suppl 2), S6–S16. <https://doi.org/10.1212/WNL.0000000000012781>

Selvirawati, S., Wahab, A., & Rizarullah, R. (2021). Perbedaan profil lipid pasien stroke iskemik dan stroke hemoragik di RSUD Meuraxa Kota Banda Aceh. *Jurnal Medika Malahayati*, 4(3), 236–243.

Setyopranoto, I., Bayuangga, H. F., Panggabean, A. S., Alifaningdyah, S., Lazuardi, L., Dewi, F. S. T., Malueka, R. G. (2019). Prevalence of stroke and associated risk factors in Sleman District of Yogyakarta Special Region, Indonesia. *Stroke Research and Treatment*, 2019, 2642458. <https://doi.org/10.1155/2019/2642458>

Sheikh, M. S., Thongprayoon, C., Suppadungsuk, S., Miao, J., Qureshi, F., Kashani, K., & Cheungpasitporn, W. (2024). Evaluating ChatGPT’s accuracy in responding to patient education questions on acute kidney injury and continuous renal replacement therapy. *Blood Purification*, 53(9), 725–731. <https://doi.org/10.1159/000539065>

Shorey, S., et al. (2024). A scoping review of ChatGPT’s role in healthcare education and research. *Nurse Education Today*. <https://www.sciencedirect.com/science/article/pii/S0260691724000315>

Sutherland, J. J., Daly, T. M., Liu, X., Goldstein, K., Johnston, J. A., & Ryan, T. P. (2015). Co-prescription trends in a large cohort of subjects predict

substantial drug–drug interactions. *PLoS ONE*, 10(3), e0118991.
<https://doi.org/10.1371/journal.pone.0118991>

Tadi, P., & Lui, F. (2023, 17 Agustus). *Stroke akut*. Dalam *StatPearls [Internet]*. StatPearls Publishing. Diakses pada 6 Oktober 2025, dari
<https://www.ncbi.nlm.nih.gov/books/NBK535369/>

Takatsu, H., Mitsumura, H., Takahashi, J., et al. (2025). Impact of polypharmacy on stroke severity and functional outcome in acute ischemic stroke. *Journal of Clinical Neuroscience*, 139, 111436.

Tavousi, F., et al. (2019). Potential drug–drug interactions at a referral pediatric oncology ward in Iran: A cross-sectional study. *Journal of Pediatric Hematology/Oncology*, 41(3), E146–E151.

Teka, F., Teklay, G., Ayalew, E., & Teshome, T. (2016). Potential drug–drug interactions among elderly patients admitted to medical ward of Ayder Referral Hospital, Northern Ethiopia: A cross-sectional study. *BMC Research Notes*, 9(1), 431.

Temsah, A. (2025). DeepSeek in healthcare: Revealing opportunities and challenges. *BMJ/PMC* Editorial.
<https://pmc.ncbi.nlm.nih.gov/articles/PMC11836063/>

Tripathi, K. D. (2013). Drug interaction. Dalam *Essentials of Medical Pharmacology* (Edisi ke-7, hlm. 928–934). Jaypee Brothers Medical Publishers.

van den Berg, J. P., Vereecke, H. E. M., Proost, J. H., & Eleveld, D. J. (2017). Pharmacokinetic and pharmacodynamic interactions in anaesthesia. *British Journal of Anaesthesia*, 118(4), 623–634. <https://doi.org/10.1093/bja/aex044>

Wang, C., Liu, S., Yang, H., Guo, J., Wu, Y., & Liu, J. (2023). Ethical considerations of using ChatGPT in health care. *Journal of Medical Internet Research*, 25, e48009.

Wang, C., Du, Z., Ye, N., et al. (2022). Hyperlipidemia and hypertension have synergistic interaction on ischemic stroke: Insights from a general population survey in China. *BMC Cardiovascular Disorders*, 22, 47.
<https://doi.org/10.1186/s12872-022-02491-2>

Wibowo, M. I. N. A., Pratiwi, R. A., & Sundhani, E. (2018). Studi prospektif potensi interaksi obat golongan antibiotik pada pasien pediatri di Rumah Sakit Ananda Purwokerto. *PHARMACY: Jurnal Farmasi Indonesia*, 15(2), 243–256.

Wolters Kluwer. (2024). *UpToDate Lexidrug: Drug decision support for health professionals*.

<https://www.wolterskluwer.com/en/solutions/uptodate/pro/lexidrug>

World Health Organization (WHO). (2019). *International statistical classification of diseases and related health problems (10th rev.)*.

<https://icd.who.int/browse10/2019/en#/I63.0>

World Health Organization (WHO). (2023). *Chronic respiratory diseases*.

Diakses pada 14 September 2025, dari https://www.who.int/health-topics/chronic-respiratory-diseases#tab=tab_1

World Health Organization. (n.d.). *ATC classification*.

<https://www.who.int/tools/atc-ddd-toolkit/atc-classification>

Wu, L., Deng, S.-B., & She, Q. (2014). Calcium channel blocker compared with angiotensin receptor blocker for patients with hypertension: a meta-analysis of randomized controlled trials. *Journal of Clinical Hypertension (Greenwich, Conn.)*, 16(11), 838–845. <https://doi.org/10.1111/jch.12388>

Ye, J., Bronstein, S., Hai, J., & Abu Hashish, M. (2025). DeepSeek in healthcare: A survey of capabilities, risks, and clinical applications of open-source large language models. *arXiv preprint arXiv:2506.01257*.

<https://arxiv.org/abs/2506.01257>

Yew, K. S. (2015). Diagnosis of acute stroke. *American Family Physician*.

<https://www.aafp.org/pubs/afp/issues/2015/0415/p528.html>

Zafar, A., Al-Khamis, F. A., Al-Bakr, A. I., Alsulaiman, A. A., & Msmar, A. H. (2016). Risk factors and subtypes of acute ischemic stroke: A study at King Fahd Hospital of the University. *Neurosciences*, 21(3), 246–251.

<https://doi.org/10.17712/nsj.2016.3.20150731>