

## DAFTAR PUSTAKA

- Abdussamad, Z. (2021). *Metode Penelitian Kualitatif* (Vol. 5, Issue 1). Makassar : CV. Syakir Media Press.
- Al-azayzih, A., Al-azzam, S. I., Alzoubi, K. H., Jarab, A. S., Kharaba, Z., Al-rifai, R. H., & Alnajjar, M. S. (2020). Nonsteroidal Anti-inflammatory Drugs Utilization Patterns and Risk of Adverse Events due to Drug-Drug Interactions among Elderly Patients : A Study from Jordan. *Saudi Pharmaceutical Journal*, 28(4), 504–508. <https://doi.org/10.1016/j.jsps.2020.03.001>
- Alghamdi, A. A., Keers, R. N., Sutherland, A., & Ashcroft, D. M. (2019). Prevalence and Nature of Medication Errors and Preventable Adverse Drug Events in Paediatric and Neonatal Intensive Care Settings: A Systematic Review. *Drug Safety*, 42(12), 1423–1436. <https://doi.org/10.1007/s40264-019-00856-9>
- Alhawassi, T. M., Krass, I., Bajorek, B., & Pont, L. G. (2014). A systematic review of the prevalence and risk factors for adverse drug reactions in the elderly in the acute care setting. *Dove Press Clinical Interventions in Aging*, 9, 2079–2086. <https://doi.org/10.2147/CIA.S71178>
- Allegaert, K., & Van Den Anker, J. N. (2015). Adverse drug reactions in neonates and infants: A population-tailored approach is needed. *British Journal of Clinical Pharmacology*, 80(4), 788–795. <https://doi.org/10.1111/bcp.12430>
- Alshabi, A. M., Shaikh, M. A. K., Shaikh, I. A., Alkahtani, S. A., & Aljadaan, A. (2022). Knowledge, attitude and practice of hospital pharmacists towards pharmacovigilance and adverse drug reaction reporting in Najran, Saudi Arabia. *Saudi Pharmaceutical Journal*, 30(7), 1018–1026. <https://doi.org/10.1016/j.jsps.2022.04.014>
- American Geriatrics Society. (2023). American Geriatrics Society 2023 updated AGS Beers Criteria® for potentially inappropriate medication use in older adults. *Journal of the American Geriatrics Society*, 71(7), 2052–2081. <https://doi.org/10.1111/jgs.18372>
- American, S. G. (2015). Updated Beers Criteria for Potentially Inappropriate Medication Use in Older Adults. *J Am Geriatr Soc*, 63(11).
- Assefa, Y. A., Kedir, A., & Kahaliw, W. (2020). <p>Survey on Polypharmacy and Drug-Drug Interactions Among Elderly People with Cardiovascular Diseases at Yekatit 12 Hospital, Addis Ababa, Ethiopia</p>. *Integrated Pharmacy Research and Practice, Volume 9*, 1–9. <https://doi.org/10.2147/iprp.s231286>
- Badan Pusat Statistik. (2022). *Statistik Penduduk Lanjut Usia 2022*. Jakarta : Badan Pusat Statistik.
- Beers, M. H., Ouslander, J. G., Rollinger, I., Reuben, D. B., Brooks, J., & Beck, J. C. (1991). Explicit Criteria for Determining Inappropriate Medication Use

- in Nursing Home Residents. *Archives of Internal Medicine*, 151(9), 1825–1832. <https://doi.org/10.1001/archinte.1991.00400090107019>
- Beijer, H. J. M., & De Blaey, C. J. (2002). Hospitalisations caused by adverse drug reactions (ADR): A meta-analysis of observational studies. *Pharmacy World and Science*, 24(2), 46–54. <https://doi.org/10.1023/A:1015570104121>
- Bouvy, J. C., De Bruin, M. L., & Koopmanschap, M. A. (2015). Epidemiology of Adverse Drug Reactions in Europe: A Review of Recent Observational Studies. *Drug Safety*, 38(5), 437–453. <https://doi.org/10.1007/s40264-015-0281-0>
- BPOM. (2019). *Farmakovigilans (Keamanan Obat) : Panduan Deteksi dan Pelaporan Efek Samping Obat Untuk Tenaga Kesehatan*. Jakarta : BPOM.
- BPOM. (2022). *Peraturan Badan Pengawas Obat Dan Makanan No 15 Tahun 2022 Tentang Penerapan Farmakovigilans*. Jakarta : BPOM.
- BPOM. (2023). *Buletin Berita MESO (Vol. 41, Issue 1)*. Jakarta : BPOM.
- BPOM, & JICA. (2020). *Modul Farmakovigilans Untuk Tenaga Profesional Kesehatan, Proyek “Ensuring Drug and Food Safety.”* Jakarta : BPOM.
- BPS Provinsi Bengkulu. (2022). *Statistik Penduduk Lanjut Usia Provinsi Bengkulu 2022 (Bengkulu)*. Bengkulu : BPS Provinsi Bengkulu.
- Bungin, B. (2020). *Metodologi Penelitian Kualitatif*. Depok : PT RajaGravindo Persada.
- Bush, T. (1998). Adverse drug reactions in hospitalized patients. *JAMA : The Journal of the American Medical Association*, 280(20). <https://doi.org/10.1097/01.wox.0000412144.27167.4e>
- Cahir, C., Curran, C., Walsh, C., Hickey, A., Brannigan, R., Kirke, C., Williams, D. J., & Bennett, K. (2023). Adverse drug reactions in an ageing PopulaTion ( ADAPT ) study : Prevalence and risk factors associated with adverse drug reaction-related hospital admissions in older patients. *Frontiers in Pharmacology*, 13(1029067), 1–10. <https://doi.org/10.3389/fphar.2022.1029067>
- Cameron, J. (2005). *Focusing on the focus group. In Qualitative Research Methods in Human Geography, 2nd ed.* Australia : Oxford University Press.
- Cetrone, M., Mele, A., & Tricarico, D. (2014). Effects of the Antidiabetic Drugs on the Age-Related Atrophy and Sarcopenia Associated with Diabetes Type II . *Bentham Science Publishers*, 10(4), 231–237.
- Dagli, R. J., & Sharma, A. (2014). Polypharmacy: a global risk factor for elderly people. *Journal of International Oral Health : JIOH*, 6(6), i–ii. <http://www.ncbi.nlm.nih.gov/pubmed/25628499> <http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=PMC4295469>

- Damris, M., Sari, Y. O., & Almasdy, D. (2020). Knowledge and Awareness of Health Workers in Reporting Adverse Drug Reaction of Geriatric Patients at Dr. M. Djamil Padang Hospital. *International Journal of Innovative Science and Research Technology*, 5(11), 570–573.
- Davies, E. A., & O'Mahony, M. S. (2015). Adverse drug reactions in special populations - The elderly. *British Journal of Clinical Pharmacology*, 80(4), 796–807. <https://doi.org/10.1111/bcp.12596>
- Dhikav, V., Singh, S., & Anand, K. (2004). Adverse drug reaction monitoring in India. *JACM*, 27–33(12), 993–998.
- Díaz, S. G., Pérez-Pico, A. M., Suárez-Santisteban, M. Á., García-Bernalt, V., Mayordomo, R., & Dorado, P. (2020). Prevalence of potential drug–drug interaction risk among chronic kidney disease patients in a spanish hospital. *Pharmaceutics*, 12(8), 1–11. <https://doi.org/10.3390/pharmaceutics12080713>
- Du, R., Yang, H., Zhu, J., Zhou, H., Ma, L., Amare, M., Chen, C., & Wang, T. (2022). Asia-Pacific Journal of Oncology Nursing Experience of patients with lung cancer and with targeted therapy-related skin adverse drug reactions : A qualitative study. *Asia-Pacific Journal of Oncology Nursing*, 9(10), 100115. <https://doi.org/10.1016/j.apjon.2022.100115>
- Dubrall, D., Just, K. S., Schmid, M., Stingl, J. C., & Sachs, B. (2020). Adverse drug reactions in older adults : a retrospective comparative analysis of spontaneous reports to the German Federal Institute for Drugs and Medical Devices. *BMC Pharmacology and Toxicology*, 9(25), 1–20.
- Edwards, I. R., & Aronson, J. K. (2000). Adverse drug reactions: Definitions, diagnosis, and management. *Lancet*, 356(9237), 1255–1259. [https://doi.org/10.1016/S0140-6736\(00\)02799-9](https://doi.org/10.1016/S0140-6736(00)02799-9)
- Efriani, L., Annisa, Jatiningsih, S., & Perwitasari, D. A. (2019). Pengaruh Karakteristik Pasien terhadap Adverse Drug Reactions di RSUD Dr. M. Yunus Bengkulu Influence of Patient Characteristic on Adverse Drug Reactions in Dr. M Yunus Hospital Bengkulu. *Permata Indonesia*, 10(November), 23–28.
- Endah, P. T., Wilujeng, S. A., Rifka, F., Achmad, S., & Imbalan, Z. (2020). *Pemanfaatan NVIVO Dalam Penelitian Kualitatif*. Malang: Lembaga Penelitian dan Pengabdian Kepada Masyarakat (LP2M): Universitas Negeri Malang. <https://fip.um.ac.id/wp-content/uploads/2021/10/b5-Pemanfaatan-NVIVO-dalam-Penelitian-Kualitatif.pdf>
- European Commission. (2008). Proposal for a regulation amending, as regards pharmacovigilance of medicinal products for human use. Regulation (EC) No 726/2004. Impact assessment. In *Regulation (EC) No 726/2004. Impact assessment.*: Vol. I (Issue December). availableat:[http://ec.europa.eu/health/files/pharmacos/pharmpack\\_12\\_2008/pharmacovigilance-ia-vol1\\_en.pdf](http://ec.europa.eu/health/files/pharmacos/pharmpack_12_2008/pharmacovigilance-ia-vol1_en.pdf). Accessed 3 Sept 2014.

- European Medicines Agency. (2017). Guideline on good pharmacovigilance practices (GVP). In *European medicines agency*. <http://www.jfda.jo/Download/JPC/TheGoodPharmacovigilancePracticev2.pdf>
- Fahmi, H. L., Al-jumaili, A. A., & Younus, M. M. (2022). Exploratory Research in Clinical and Social Pharmacy The whole experience of public hospital physicians from several specialties with biopharmaceutical effectiveness , safety , adverse drug reactions and interchangeability : A qualitative study. *Exploratory Research in Clinical and Social Pharmacy*, 7(October 2021), 100162. <https://doi.org/10.1016/j.rcsop.2022.100162>
- Faught, L. N., Greff, M. J. E., Rieder, M. J., & Koren, G. (2015). Drug-induced acute kidney injury in children. *British Journal of Clinical Pharmacology*, 80(4), 901–909. <https://doi.org/10.1111/bcp.12554>
- FDA. (2018). *Department of Health and Human Services, Chapter I. United States and America. Subchapter D—Drugs for human use*. United States and America : FDA.
- Ferner, R., & Aronson, J. (2019). Susceptibility to adverse drug reactions. *British Journal of Clinical Pharmacology*, 85(10), 2205–2212. <https://doi.org/10.1111/bcp.14015>
- Ferner, R. E., & McGettigan, P. (2018). Adverse drug reactions. *BMJ (Online)*, 363(November), 1–9. <https://doi.org/10.1136/bmj.k4051>
- Gallagher, R. M., Kirkham, J. J., Mason, J. R., Bird, K. A., Williamson, P. R., Nunn, A. J., Turner, M. A., Smyth, R. L., & Pirmohamed, M. (2011). Development and inter-rater reliability of the Liverpool adverse drug reaction causality assessment tool. *PLoS ONE*, 6(12). <https://doi.org/10.1371/journal.pone.0028096>
- Gates, P. J., Meyerson, S. A., Baysari, M. T., Lehmann, C. U., & Westbrook, J. I. (2018). Preventable adverse drug events among inpatients: A systematic review. *Pediatrics*, 142(3). <https://doi.org/10.1542/peds.2018-0805>
- Gupta, S., Nayak, R., Shivaranjani, R., & Vidyarthi, S. (2015). A questionnaire study on the knowledge, attitude, and the practice of pharmacovigilance among the healthcare professionals in a teaching hospital in South India. *Perspectives in Clinical Research*, 6(1), 45. <https://doi.org/10.4103/2229-3485.148816>
- Guthrie, B., Makubate, B., Hernandez-Santiago, V., & Dreischulte, T. (2015). The rising tide of polypharmacy and drug-drug interactions: Population database analysis 1995-2010. *BMC Medicine*, 13(1), 1–10. <https://doi.org/10.1186/s12916-015-0322-7>
- Hadi, M. A., Neoh, C. F., Zin, R. M., Elrggal, M., & Cheema, E. (2017). Pharmacovigilance: pharmacists’s perspective on spontaneous adverse

drug reaction reporting. *Integrated Pharmacy Research and Practice, Volume 6*, 91–98. <https://doi.org/10.2147/iprp.s105881>

Handayani, D., Reza Rahmawati, Yona Harianti Putri, Petri Siti Khodijah, Eni Kurniati, & Violina Aniza. (2022). Evaluasi Adverse Drug Reaction (ADR) Antidiabetes Pada Geriatri Berdasarkan Algoritma Naranjo Di Kota Bengkulu. *Medical Sains : Jurnal Ilmiah Kefarmasian*, 7(3), 449–458. <https://doi.org/10.37874/ms.v7i3.413>

Hardini, D. K., Widiarti, S. W., & Lumongga, S. (2021). Obat Di Rs Jantung Dan Pembuluh Darah Harapan Kita Periode Januari – Juni 2021. *Jurnal Ilmiah Manuntung*, 7(2), 230–235.

Herawati, F., & Utomo, A. (2016). Analysis of the Risk of Adverse Drug Reaction on Elderly Patients in General Hospital Surabaya. *Indonesian Journal of Clinical Pharmacy*, 5(2), 98–105. <https://doi.org/10.15416/ijcp.2016.5.2.98>

Hohl, C. M., Kuramoto, L., Yu, E., Rogula, B., Stausberg, J., & Sobolev, B. (2013). Evaluating adverse drug event reporting in administrative data from emergency departments: A validation study. *BMC Health Services Research*, 13(1). <https://doi.org/10.1186/1472-6963-13-473>

Hoof, C. S. van der, Jeanne P. Dieleman, C. S. van der H., Siemes, C., Aarnoudse, A.-J. L. H. J., Stricker, K. M. C. V. B. H. C. H., & Sturkenboom, M. C. J. . (2008). Determinants of cholesterol and triglycerides recording in patients treated with lipid lowering therapy in UK primary care. *Pharmacoepidemiology and Drug Safety*, 16(February), 228–228. <https://doi.org/10.1002/pds>

Hussain, R., Hassali, M. A., Rehman, A. U., Muneswarao, J., Atif, M., & Babar, Z. U. D. (2020a). A qualitative evaluation of adverse drug reaction reporting system in pakistan: Findings from the nurses' perspective. *International Journal of Environmental Research and Public Health*, 17(9), 1–15. <https://doi.org/10.3390/ijerph17093039>

Hussain, R., Hassali, M. A., Rehman, A. U., Muneswarao, J., Atif, M., & Babar, Z. U. D. (2020b). A qualitative evaluation of adverse drug reaction reporting system in pakistan: Findings from the nurses' perspective. *International Journal of Environmental Research and Public Health*, 17(9). <https://doi.org/10.3390/ijerph17093039>

Idacahyati, K., Nofianti, T., Aswa, G. A., & Nurfatwa, M. (2020). Hubungan Tingkat Kejadian Efek Samping Antiinflamasi Non Steroid dengan Usia dan Jenis Kelamin. *Jurnal Farmasi Dan Ilmu Kefarmasian Indonesia*, 6(2), 56–61.

Iyan Hardiana, I. P., Mujaki, A. A., Jerry, & Taufani. (2022). Evaluasi efek samping obat pada pasien rawat inap di Rumah Sakit “ X ” di Jakarta. *Health Sciences and Pharmacy Journal*, 6(1), 35–41.

- JFDA. (2014). *Guidelines for Detecting & Reporting Adverse Drug Reactions In Jordan 2014 Individual Case Safety Reports*. Jordan : JFDA.
- Joerg, L., Hasler, S., Gschwend, A., & Meincke, C. (2021). 75 % negative skin test results in patients with suspected hypersensitivity to beta-lactam antibiotics : Influencing factors and interpretation of test results. *World Allergy Organization Journal*, 14(11), 100602. <https://doi.org/10.1016/j.waojou.2021.100602>
- K Rajan, A., Pal Jeymani, S, V., Jose J, F., Denagaran, D. P., & Joan Of Arc. M.C, M. (2020). Ceftriaxone Induced Steven Johnson Syndrome: A Case Report. *International Journal of Pharmaceutical Sciences Review and Research*, 65(2), 124–127. <https://doi.org/10.47583/ijpsrr.2020.v65i02.019>
- Kang, H. R., Jones, B. L., Lo-Ciganic, W. H., DeRemer, C. E., Dietrich, E. A., Huang, P. L., & Park, H. (2023). Trajectories of adherence to extended treatment with warfarin and risks of recurrent venous thromboembolism and major bleeding. *Research and Practice in Thrombosis and Haemostasis*, 7(3), 100131. <https://doi.org/10.1016/j.rpth.2023.100131>
- Kartinah, & Sudaryanto, A. (2008). Masalah Psikososial Pada Lanjut Usia. *Berita Ilmu Keperawatan*, 1(1979–2697), 93–96. <http://hdl.handle.net/11617/486>
- Kemendes RI. (2014). *Penyelenggaraan Pelayanan Kesehatan Geriatri di Rumah Sakit*. Jakarta : Kementerian Kesehatan RI.
- Kemendes RI. (2020). *Pedoman Penyusunan Formularium Rumah Sakit (Vol. 4, Issue 1)*. Jakarta : Kementerian Kesehatan RI. <https://doi.org/10.1016/j.fcr.2017.06.020>
- Khalil, H., & Huang, C. (2020). Adverse drug reactions in primary care: A scoping review. *BMC Health Services Research*, 20(1), 1–13. <https://doi.org/10.1186/s12913-019-4651-7>
- Kuncoro, M. (2009). *Ekonomika Indonesia: Dinamika lingkungan bisnis ditengah krisis global*. Yogyakarta : UPP STIM YKPN.
- Laatikainen, O., Sneek, S., Bloigu, R., Lahtinen, M., Lauri, T., & Turpeinen, M. (2016). Hospitalizations due to adverse drug events in the elderly-a retrospective register study. *Frontiers in Pharmacology*, 7(OCT), 1–8. <https://doi.org/10.3389/fphar.2016.00358>
- Lachapelle JM. (2012). *Testing procedures in cutaneous systemic immune-related adverse drug reactions In: Lachapelle JM, Maibach H, editors. Patch testing and prick testing: a practical guide*. New York: Springer-Verlag;
- Lavan, A. H., & Gallagher, P. (2016). Predicting risk of adverse drug reactions in older adults. *Therapeutic Advances in Drug Safety*, 7(1), 11–22. <https://doi.org/10.1177/2042098615615472>
- Lovia, S., Sari, Y. O., Almasdy, D., & Amelin, F. (2019). Studi Kualitatif

Pengetahuan Perawat tentang Adverse Drug Reaction ( ADR ) di Bangsal Rawat Inap Anak RSUP DR. M. Djamil Padang. *JSFK*, 6(2), 95–103.

- Lundkvist, J., & Jönsson, B. (2004). Pharmacoeconomics of adverse drug reactions. *Fundamental and Clinical Pharmacology*, 18(3), 275–280. <https://doi.org/10.1111/j.1472-8206.2004.00239.x>
- Mahajan VK, H. S. (2013). Patch testing in cutaneous adverse drug reactions: methodology, interpretation and clinical relevance. *IJVDL*, 9(6):836-4.
- Maharani, L., & Yugatama, A. (2023). Prevalence of adverse drug reaction in Indonesia: A systematic review. *Journal of Applied Pharmaceutical Science*, 13(8), 55–67. <https://doi.org/10.7324/JAPS.2023.91550>
- Mangoni, A. A., & Jackson, S. H. D. (2004). Age-related changes in pharmacokinetics and pharmacodynamics: Basic principles and practical applications. *British Journal of Clinical Pharmacology*, 57(1), 6–14. <https://doi.org/10.1046/j.1365-2125.2003.02007.x>
- Mann, R. D., & Andrews, E. B. (2007). *Pharmacovigilance Second Edition* (England). England: John Wiley & Sons, Ltd. <https://doi.org/10.1002/9780470059210.ch18>
- Mark H. Beers. (1997). Explicit Criteria for Determining Potentially Inappropriate Medication Use by the Elderly. *Archives of Internal Medicine*, 157, 1531.
- Martin, R. M., Biswas, P. N., Freemantle, S. N., Pearce, G. L., & Mann, R. D. (1998). Age and sex distribution of suspected adverse drug reactions to newly marketed drugs in general practice in England: Analysis of 48 cohort studies. *British Journal of Clinical Pharmacology*, 46(5), 505–511. <https://doi.org/10.1046/j.1365-2125.1998.00817.x>
- McKay D. (2013). Cutaneous allergy. *J R Coll Physicians Edinb*, 43, 241–245.
- Mele, A., Calzolaro, S., Cannone, G., Cetrone, M., Conte, D., & Tricarico, D. (2014). Database search of spontaneous reports and pharmacological investigations on the sulfonylureas and glinides-induced atrophy in skeletal muscle. *Pharmacology Research & Perspectives*, 2(1), 1–17. <https://doi.org/10.1002/prp2.28>
- Mende, J., Rahmawati, F., & Puspitasari, I. (2022). Keamanan Penggunaan Antiglukolan pada Pasien Rawat Inap Stroke Iskemik dengan Atrial Fibrilasi. *Journal of Management and Pharmacy Practice*, 12(3), 176. <https://doi.org/10.22146/jmpf.74893>
- Microsoft Corporation. (2021). *Microsoft Word for Windows*. USA: Microsoft Corporation.
- Moore, N., Lecointre, D., Noblet, C., & Mabilille, M. (1998). Frequency and cost of serious adverse drug reactions in a department of general medicine. *British Journal of Clinical Pharmacology*, 45(3), 301–308.

<https://doi.org/10.1046/j.1365-2125.1998.00667.x>

- Musdar, T. A., Nadhafi, M. T., Lestiono, L., Lichijati, L., Athiyah, U., & Nita, Y. (2021). Faktor yang Mempengaruhi Praktik Pelaporan Adverse Drug Reactions (ADRs) oleh Apoteker di Beberapa Rumah Sakit di Surabaya. *JPSCR: Journal of Pharmaceutical Science and Clinical Research*, 6(2), 96. <https://doi.org/10.20961/jpscr.v6i2.49794>
- Mwakawanga, D. L., Kilonzi, M., Philipo, E. G., Martine, A., Mbilinyi, T., Kileo, N. F., Mkinga, B., Shonyella, C. J., Mohamedi, J. A., Clement, A., Mwasomola, D., Mushy, S. E., & Sirili, N. (2023). Pharmacovigilance and Adverse Drug Reactions Reporting: Healthcare Providers' Experiences from Southern Highland Tanzania. *Advances in Pharmacological and Pharmaceutical Sciences*, 2023. <https://doi.org/10.1155/2023/5537592>
- Nair, N. P., Chalmers, L., Peterson, G. M., Bereznicki, B. J., Castelino, R. L., & Bereznicki, L. R. (2016). Hospitalization in older patients due to adverse drug reactions - The need for a prediction tool. *Clinical Interventions in Aging*, 11, 497–505. <https://doi.org/10.2147/CIA.S99097>
- Namazi, S., Pourhatami, S., Borhani-Haghighi, A., & Roosta, S. (2014). Incidence of potential drug-drug interaction and related factors in hospitalized neurological patients in two Iranian teaching hospitals. *Iranian Journal of Medical Sciences*, 39(6), 515–521.
- Namirah, A., Syuaib, M., Darmawan, E., Farmasi, F., Dahlan, U. A., Soepomo, J. P., & Telp, Y. (2015). Penggunaan Potentially Inappropriate Medications ( Pims ) Pada Pasien Geriatri Rawat Inap Osteoarthritis Di Rs Pku Muhammadiyah Yogyakarta Potentially Inappropriate Medications ( Pims ) Use Among Elderly Hospitalized Patients With Osteoarthritis At Pku Mu. *Pharmaciana*, 5(1), 77–84.
- Notenboom, K., Beers, E., Van Riet-Nales, D. A., Egberts, T. C. G., Leufkens, H. G. M., Jansen, P. A. F., & Bouvy, M. L. (2014). Practical problems with medication use that older people experience: A qualitative study. *Journal of the American Geriatrics Society*, 62(12), 2339–2344. <https://doi.org/10.1111/jgs.13126>
- Nugroho. (2014). *Keperawatan Gerontik dan Geriatrik*. Jakarta : ECG.
- Onder, G., Liperoti, R., Fialova, D., Topinkova, E., Tosato, M., Danese, P., Gallo, P. F., Carpenter, I., Finne-Soveri, H., Gindin, J., Bernabei, R., & Landi, F. (2012). Polypharmacy in nursing home in Europe: Results from the SHELTER study. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, 67 A(6), 698–704. <https://doi.org/10.1093/gerona/glr233>
- Onder, G., Pedone, C., Landi, F., Cesari, M., Della Vedova, C., Bernabei, R., & Gambassi, G. (2002). Adverse drug reactions as cause of hospital admissions: Results from the Italian group of pharmacoepidemiology in the elderly (GIFA). *Journal of the American Geriatrics Society*, 50(12), 1962–1968.



<https://doi.org/10.1046/j.1532-5415.2002.50607.x>

- Pallasch, T. J. (1989). Principles of pharmacotherapy. V. Toxicology and adverse drug reactions. *Anesthesia Progress*, 36(2), 41–45.
- Panamuan, A. P. M. N., Untari, E. K., & Rizkifan, S. (2021). Pengaruh Usia Pasien dan Dosis terhadap Efek Samping Metformin pada Pasien Diabetes Tipe 2. *Jurnal Farmasi Komunitas*, 8(2), 51–58.
- Petty, G. W., Brown, R. D., Whisnant, J. P., Sicks, J. R. D., O'Fallon, W. M., & Wiebers, D. O. (1999). Frequency of major complications of aspirin, warfarin, and intravenous heparin for secondary stroke prevention: A population-based study. *Annals of Internal Medicine*, 130(1), 14–22. <https://doi.org/10.7326/0003-4819-130-1-199901050-00004>
- Potter, & Perry. (2013). *Buku Ajar Fundamen Keperawatan: Konsep dan Praktik*. Jakarta : EGC.
- Purwanza, sena wahyu, Munandar, A., Mufidah, A., Renggo, yuniarti reny, & et al. (2022). *Metodologi Penelitian Kuantitatif, Kualitatif, dan Kombinasi* (Issue August). Bandung : Media Sains Indonesia.
- QSR International. (2018). *NVivo versi 12 (Software)*. USA : QSR Internasional.
- Ratnawati, E. (2018). *Asuhan keperawatan gerontik*. Yogyakarta : Pustaka Baru Press.
- Sabiti, F. B., Purnami, I. D., Arief, T. A., Sofa, N. A., Yanto, A., & Permatasari, J. D. (2023). Hubungan Pengetahuan Tenaga Kesehatan Tentang Pharmacovigilance Terhadap Sikap Pelaporan ADR di Kota Semarang. *JPSCR: Journal of Pharmaceutical Science and Clinical Research*, 8(2), 218. <https://doi.org/10.20961/jpscr.v8i2.68202>
- Saedder, E. A., Lisby, M., Nielsen, L. P., Bonnerup, D. K., & Brock, B. (2015). Number of drugs most frequently found to be independent risk factors for serious adverse reactions: A systematic literature review. *British Journal of Clinical Pharmacology*, 80(4), 808–817. <https://doi.org/10.1111/bcp.12600>
- Sanz-c, J., Almudena, L., Cobos-palacios, L., Ricci, M., Hern, H., Mancebo-sevilla, J. J., Elena, Á., P, L. M., Ricardo, G., & Rosa, M. (2022). Management of Type 2 Diabetes Mellitus in Elderly Patients with Frailty and / or Sarcopenia. *International Journal of Environmental Research and Public Health*, 19, 8687.
- Schatz, S. N., & Weber, R. J. (2015). Adverse Drug Reactions. *CNS Pharmacy Practice*.
- Shehab, N., Lovegrove, M. C., Geller, A. I., Rose, K. O., Corporation, N. G., & Weidle, N. J. (2019). HHS Public Access. *JAMA: The Journal of the American Medical Association*, 316(20), 2115–2125. <https://doi.org/10.1001/jama.2016.16201.US>

- Siti Partini Suardiman. (2011). *Psikologi Usia Lanjut*. Yogyakarta : Gadja Mada University Press.
- Stöllberger, C., & Finsterer, J. (2003). Nonsteroidal anti-inflammatory drugs in patients with cardio- or cerebrovascular disorders. *Zeitschrift Fur Kardiologie*, 92(9), 721–729. <https://doi.org/10.1007/s00392-003-0964-x>
- Sugiyono. (2022). *Metode Penelitian Kuantitatif, Kualitatif, dan R&D*. Bandung: Alfabeta.
- Sugiyono, P. D. (2020). *Metode Penelitian Kuantitatif, Kualitatif dan Kombinasi (Mixed Methods)* (Sutopo (ed.); Edisi 2 Ce). Bandung : Alfabeta.
- Sun, J., Deng, X., Chen, X., Huang, J., Huang, S., Li, Y., Feng, J., Liu, J., & He, G. (2020). Incidence of Adverse Drug Reactions in COVID-19 Patients in China: An Active Monitoring Study by Hospital Pharmacovigilance System. *Clinical Pharmacology and Therapeutics*, 108(4), 791–797. <https://doi.org/10.1002/cpt.1866>
- Thong, B. Y., Lucas, M., Kang, H., Chang, Y., Li, P. H., Tang, M., Yun, J., Fok, J. S., Kim, B., Nagao, M., Rengganis, I., Lucas, M., Li, P. H., Kim, B., & Thien, F. (2020). Drug hypersensitivity reactions in Asia: regional issues and challenges Received: *Asia Pac Allergy*, 10(1), 1–17.
- Vaismoradi, Logan, Jordan, & Sletvold. (2019). Adverse Drug Reactions in Norway: A Systematic Review. *Pharmacy*, 7(3), 102. <https://doi.org/10.3390/pharmacy7030102>
- Valinciute-Jankauskiene, A., & Kubiliene, L. (2021). Adverse drug reaction reporting by patients in 12 european countries. *International Journal of Environmental Research and Public Health*, 18(4), 1–8. <https://doi.org/10.3390/ijerph18041507>
- Valinciute-Jankauskiene, A., & Loreta, K. (2021). Qualitative study of general public views towards adverse drug reactions in Lithuania. *Healthcare (Switzerland)*, 9(3). <https://doi.org/10.3390/healthcare9030303>
- Viviandhari, D., Nurhasnah, N., Sakinah, R. N., & Wulandari, D. (2022). A Comparison of Potentially Inappropriate Medications Identification Using Beers and STOPP Criteria in Hospitalized Geriatric Patients in Jakarta. *Indonesian Journal of Clinical Pharmacy*, 11(2), 105–115. <https://doi.org/10.15416/ijcp.2022.11.2.105>
- Walsh, D. J., Sahm, L. J., O’Driscoll, M., Bolger, B., Ameen, H., Hannan, M., Goggin, C., & Horgan, A. M. (2023). Hospitalization due to adverse drug events in older adults with cancer: A retrospective analysis. *Journal of Geriatric Oncology*, 14(6), 101540. <https://doi.org/10.1016/j.jgo.2023.101540>
- Wester, K., Jönsson, A. K., Spigset, O., Druid, H., & Hägg, S. (2008). Incidence of fatal adverse drug reactions: A population based study. *British Journal of Clinical Pharmacology*, 65(4), 573–579. <https://doi.org/10.1111/j.1365->

2125.2007.03064.x

- WHO. (2002). *Safety of Medicines A guide to detecting and reporting adverse drug reactions* (Vol. 2002, Issue 2002). Geneva : WHO.
- WHO. (2012). *Safety Monitoring of Medicinal Products: Reporting Systems For The General Public* (Vol. 35, Issue 3). Switzerland : WHO.  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-0025317538&partnerID=40&md5=6ff30e08e26b99f08c46a3bb4c28a332>
- Wibisono, Y. (2020). Skin Test for Cutaneous Adverse Drug Reactions. *Journal Unair*, 32(1), 62–69.
- Wulandari, N., Andrajati, R., & Supardi, S. (2016). Faktor Risiko Umur Lansia terhadap Kejadian Reaksi Obat, yang Tidak Dikehendaki pada Pasien Hipertensi, Diabetes, Dislipidemia di Tiga Puskesmas di Kota Depok. *Jurnal Kefarmasian Indonesia*, 6(1), 60–67.  
<https://doi.org/10.22435/jki.v6i1.5470.60-67>
- Zahra, A. P., & Carolia, N. (2017). Obat Anti-inflamasi Non-steroid ( OAINS ) : Gastroprotektif vs Kardiotoxik. *Majority*, 6, 153–158.
- Zazzara, M. B., Palmer, K., Davide Liborio Vetrano, A. C., & Onder, G. (2021). Adverse drug reactions in older adults : a narrative review of the literature. *European Geriatric Medicine*, 12, 463–473. <https://doi.org/10.1007/s41999-021-00481-9>
- Zhang, X., Donnan, P. T., Bell, S., & Guthrie, B. (2017). Non-steroidal anti-inflammatory drug induced acute kidney injury in the community dwelling general population and people with chronic kidney disease : systematic review and meta-analysis. *BMC Nephrology*, 18(256).  
<https://doi.org/10.1186/s12882-017-0673-8>

