

DAFTAR PUSTAKA

- Abineno, R., & Simbolon, I. (2024). Faktor-Faktor yang Berhubungan Dengan Kejadian Hipertensi Pada Pasien yang Berobat di Klinik Universitas Advent Indonesia. *Nutrix Journal*, 8(1), 153. <https://doi.org/10.37771/nj.v8i1.1111>
- Alfaqeeh, M., & Khairinisa, M. A. (2023). Pharmacokinetic Changes and Dosage Adjustment of Digoxin in Elderly Patients with Atrial Fibrillation: A Narrative Review. *Article in Pharmacology and Clinical Pharmacy Research*, August. <https://doi.org/10.15416/pcpr.v8i2.48284>
- Algendy, A. F., Illigens, B., & Alyazeedi, A. (2022). Increased Frequency of Severe Hypoglycemia with the Modified-Release Gliclazide Compared to Glimepiride in Diabetic Older Adults; Propensity Score-Adjusted Analysis. *Diabetes, Metabolic Syndrome and Obesity*, 15(November 2021), 1563–1575. <https://doi.org/10.2147/DMSO.S339331>
- Amelia Rumi, Muhammad Tamrin Tahir, & Muh. Ilham. (2023). Identifikasi Potentially Inappropriate Medication (PIM) Melalui *Beers Criteria* pada Pasien Geriatri Rawat Inap di Ruang Seroja dan Flamboyan RSUD Undata Provinsi Sulawesi Tengah. *Media Publikasi Promosi Kesehatan Indonesia (MPPKI)*, 6(1), 51–58. <https://doi.org/10.56338/mppki.v6i1.2531>
- Aniek Puspitosari, N. N. (2022). Pengaruh Progressive Muscle Relaxation Terhadap Tingkat Hipertensi Pada Middle Adulthood Di Desa Kemiri Kecamatan Kebakkramat Kabupaten Karanganyar. *Jurnal Ilmu Kedokteran Dan Kesehatan Indonesia*, 2(2), 1–5. <https://doi.org/10.55606/jikki.v2i2.274>
- Anisyah, W. (2020). *Evaluasi Rasional Penggunaan dan Pemberian Obat Pada Pasien Hipertensi Geriatri di Puskesmas Tajina Periode Januari-Desember 2019*. 5(2), 298–308.
- Anwar, A. H. (2024). Skrining risiko masalah terapi obat pada pasien hipertensi rawat jalan di poliklinik penyakit dalam rsud kabupaten bandung. *Indonesian Journal of Healty Research Innovation*, 01(03), 190–200.
- Astuti, S. D., Lubis, N. D., & Kurniasari, F. (2019). Evaluasi Ketidaktepatan Pemilihan Obat Berdasarkan Kriteria STOPP Pada Pasien Geriatri. *Jurnal Farmasi Indonesia*, 14(2), 182–190. <https://doi.org/10.31001/jfi.v14i2.347>
- BPS. (2024). *STATISTIK PENDUDUK LANJUT USIA 2024*. 6.
- Chen S. (2012). Fakultas Kedokteran Universitas Kristen Indonesia. In *Buku* (Vol. 8, Issue 2).
- Darmawan, E., Ahmad, H., Perwitasari, D. A., & Kusumawardani, N. (2020). Pharmacist intervention can reduce the potential use of inappropriate drugs medications in Indonesian geriatric patients. *Journal of Applied Pharmaceutical Science*, 10(1), 88–95. <https://doi.org/10.7324/JAPS.2020.101012>
- Fauziah, H., Mulyana, R., & Martini, R. D. (2020). Polifarmasi Pada Pasien

- Fick, D. M., Semla, T. P., Steinman, M., Beizer, J., Brandt, N., Dombrowski, R., DuBeau, C. E., Pezzullo, L., Epplin, J. J., Flanagan, N., Morden, E., Hanlon, J., Hollmann, P., Laird, R., Linnebur, S., & Sandhu, S. (2019). American Geriatrics Society 2019 Updated AGS *Beers Criteria*® for Potentially Inappropriate Medication Use in Older Adults. *Journal of the American Geriatrics Society*, 67(4), 674–694. <https://doi.org/10.1111/jgs.15767>
- James, P. A., Oparil, S., Carter, B. L., Cushman, W. C., Dennison-Himmelfarb, C., Handler, J., Lackland, D. T., LeFevre, M. L., MacKenzie, T. D., Ogedegbe, O., Smith, S. C., Svetkey, L. P., Taler, S. J., Townsend, R. R., Wright, J. T., Narva, A. S., & Ortiz, E. (2014). 2014 Evidence-based guideline for the management of high blood pressure in adults: Report from the panel members appointed to the Eighth Joint National Committee (JNC 8). *Jama*, 311(5), 507–520. <https://doi.org/10.1001/jama.2013.284427>
- Kemenkes RI. (2015). Permenkes No. 67 Tahun 2015 Tentang Penyelenggaraan Pelayanan Kesehatan Lanjut Usia Di Pusat Kesehatan Masyarakat. *Kementerian Kesehatan Indonesia*, 16, 89.
- Kemenkes RI, K. K. (2014). PERATURAN MENTERI KESEHATAN REPUBLIK INDONESIA NOMOR 79 TAHUN 2014. *Procedia Manufacturing*, 1(22 Jan), 1–17.
- Khairunnisa, & Ananda, M. R. (2023). Penggunaan Obat Pada Pasien geriatri Di Instalasi Rawat jalan Rumah Sakit Universitas Sumatera Utara. *Majalah Farmasi Dan Farmakologi*, 1(6), 6–10. <https://doi.org/10.20956/mff.SpecialIssue.Korespondensi>
- Lavan, A. H., Gallagher, P. F., & O'Mahony, D. (2016). Methods to reduce prescribing errors in elderly patients with multimorbidity. *Clinical Interventions in Aging*, 11, 857–866. <https://doi.org/10.2147/CIA.S80280>
- Li'wuliyya, S. (2024). Alternatif Pilihan Intervensi Non-Farmakologi Terhadap Penurunan Tekanan Darah Penderita Hipertensi: Systematic Review. *Quality : Jurnal Kesehatan*, 18(1), 27–38. <https://doi.org/10.36082/qjk.v18i1.1247>
- Machlaurin, Afifah, & Rachmawati, E. (2016). Potentially Inappropriate Medication Based on *Beers Criteria* in Geriatric Outpatients of dr. Soebandi District Hospital in Jember. *E-Jurnal Pustaka Kesehatan*, 4(1), 14–19. <https://jurnal.unej.ac.id/index.php/JPK/article/view/2436/1998>
- Martiana, C. S., & Kosasih, R. (2024). Gambaran Polifarmasi Pasien Lanjut Usia Dengan Penyakit Metabolik Di Rumah Sakit Sumber Waras ., *Jurnal Kedokteran Dan Kesehatan*, 30(1), 20–32.
- Muharni, S., Aryani, F., & Fadillah, R. (2019). Analisis Jumlah Obat Terhadap Potentially Inappropriate Medications (PIMs) Berdasarkan *Beers Criteria* 2015 Pada Pasien Geriatri di Puskesmas Sidomulyo Kota Pekanbaru. *Jurnal Penelitian Farmasi Indonesia*, 7(2), 70–76.

- Nurhasnah, N., Viviandhari, D., Sakinah, R. N., & Wulandari, D. (2022). Potentially Inappropriate Medication (PIMs) Identification Using 2019 *Beers Criteria* at a Secondary Referral Hospital in Jakarta. *JURNAL MANAJEMEN DAN PELAYANAN FARMASI (Journal of Management and Pharmacy Practice)*, 12(3), 153. <https://doi.org/10.22146/jmpf.71246>
- O'Mahony, D., Cherubini, A., Guiteras, A. R., Denking, M., Beuscart, J. B., Onder, G., Gudmundsson, A., Cruz-Jentoft, A. J., Knol, W., Bahat, G., van der Velde, N., Petrovic, M., & Curtin, D. (2023). STOPP/START criteria for potentially inappropriate prescribing in older people: version 3. *European Geriatric Medicine*, 14(4), 625–632. <https://doi.org/10.1007/s41999-023-00777-y>
- Panel, U. E. (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>
- Parulian Iamtar, et al. (2019). *Indonesian Journal of Pharmacy and Natural Product Analisis Hubungan Polifarmasi Dan Interaksi Obat Pada Pasien Rawat Jalan Yang Mendapat Obat Hipertensi Di Rsp. Dr. Ario Wirawan Periode Januari-Maret 2019*. 02(June), 4–7.
- Pataky, M. W., Young, W. F., & Nair, K. S. (2021). Hormonal and Metabolic Changes of Aging and the Influence of Lifestyle Modifications. *Mayo Clinic Proceedings*, 96(3), 788–814. <https://doi.org/10.1016/j.mayocp.2020.07.033>
- Pebriani, M., Sumarny, R., Arozal, W., Eviarini, P., & Ismaya, N. A. (2024). Potentially Inappropriate Medication (PIM) Prescribing According to *Beers Criteria* among Elderly Outpatients at Pasar Minggu Hospital, Jakarta. 14(1), 107–125. <https://doi.org/10.22435/jki.v14i1.6632>
- Permenkes. (2014). Berita Negara Penyelenggaraan Pelayanan Geriatri di Rumah Sakit. *Permenkes RI*, 1752, 1–36.
- Permenkes. (2016). *PERATURAN MENTERI KESEHATAN REPUBLIK INDONESIA NOMOR 72 TAHUN 2016*. 4(June), 2016.
- Putra, I. W. R. W., Prasetya, A. A. N. P. R., & Ratnasari, P. (2024). Identifikasi Potentially Inappropriate Medication Pasien Geriatri Dengan *Beers Criteria* 2023 Dan STOPP Criteria Version 3. *Jurnal Mandala Pharmacon Indonesia (JMPI)*, 10(1), 238–249. <https://doi.org/10.35311/jmpi>
- Rachmadani, E., Untari, E. K., & Yuswar, M. A. (2019). Identifikasi Potensi Interaksi Obat Antihipertensi Pada Pasien Geriatri Hipertensi Rawat Inap Di Rsud Dr Soedarso Pontianak *Jurnal Mahasiswa Farmasi ...*, 66.
- Raei, K., Rahimi, A., Hosseini, S. R., Moghadamnia, A. A., & Bijani, A. (2021). Anticholinergic drug use in elderly people: A populationbased study in Iran. *Caspian Journal of Internal Medicine*, 12(4), 593–599. <https://doi.org/10.22088/cjim.12.4.593>
- Rahmawati, R., Harianti Putri, Y., Handayani, D., Pertiwi, R., Putri Nurlita, S.,

- Kamilla Putri, D., & Alawiya Simanullang, K. (2022). Potensi Penggunaan Obat Tidak Tepat Pada Pasien Rawat Jalan Geriatri Berdasarkan Kriteria Beers 2019 Potentially Inappropriate Medication in Geriatric Outpatients Based on *Beers Criteria* 2019. *Jurna AKFARINDO* , 7(2), 60–65.
- Rahmawati, R., Putri, Y. H., Handayani, D., Pertiwi, R., & Sari, A. (2024). *Gambaran Penggunaan Obat Antihipertensi pada Pasien Geriatri Rawat Jalan dengan Penyakit Kardiovaskular*. 4(3), 372–380. <https://doi.org/10.37311/ijpe.v4i3.28131>
- Reams, N., & Beltran, E. (2023). Neurologic disorders. In *The Youth Athlete: A Practitioner's Guide to Providing Comprehensive Sports Medicine Care*. <https://doi.org/10.1016/B978-0-323-99992-2.00076-1>
- Rochon, P. A., Stall, N. M., Reppas-Rindlisbacher, C., & Gurwitz, J. H. (2023). STOPP/START version 3: even better with age. *European Geriatric Medicine*, 14(4), 635–637. <https://doi.org/10.1007/s41999-023-00784-z>
- Rumawas, M. E., & Bukhori, I. (2023). Prevalensi Multimorbiditas, Kebutuhan Perawatan Dan Keterbatasan Aktivitas Pada Geriatri Di Jakarta. *Ebers Papyrus*, 29(1). <https://doi.org/10.24912/ep.v29i1.23964>
- Salasanti, C. D., Pebiansyah, A., Yuliani, F., & Rahayuningsih, N. (2023). Identifikasi Penggunaan Obat Tidak Tepat pada Pasien Geriatri di UPTD Mangkubumi Puskesmas Tasikmalaya. *Pharmaceutical Journal of Indonesia*, 207–214. <https://repository.universitas-bth.ac.id/id/eprint/2897%0A>
- Setyoningsih, H., & Zaini, F. (2022). HUBUNGAN INTERAKSI OBAT TERHADAP EFEKTIVITAS OBAT ANTIHIPERTENSI DI RSUD dr. R. SOETRASNO REMBANG. *Cendekia Journal of Pharmacy*, 6(1), 76–88. <https://doi.org/10.31596/cjp.v6i1.186>
- Simamora, S., Akbar, W. M., & Mangunsong, S. (2021). Narrative Review: Implementation of Pharmaceutical Care in Hypertension in Indonesia. *Jurnal Farmasi Galenika (Galenika Journal of Pharmacy) (e-Journal)*, 7(3), 260–270. <https://doi.org/10.22487/j24428744.2021.v7.i3.15662>
- Singkham, N., Wongsalap, Y., Poolpun, D., Phetnoo, S., & Somkhon, C. (2021). Utilization of Digoxin among Hospitalized Older Patients with Heart Failure and Atrial Fibrillation in Thailand: Prevalence, Associated Factors, and Clinical Outcomes. *Annals of Geriatric Medicine and Research*, 25(4), 260–268. <https://doi.org/10.4235/agmr.21.0098>
- Sitanggang, D. M., Nababan, V. R., Tobing, M. S., & Purba, B. (2024). Analisis Dampak Ageing Population di Indonesia. *MESIR: Journal of Management Education Social Sciences Information and Religion*, 1(2), 251–256. <https://doi.org/10.57235/mesir.v1i2.2914>
- Siwi Hartayu, T., & Setyaningsih, D. (2017). The Effectiveness of Clopidogrel As an Antithrombotic Compared To Ticlopidine and Aspirin (Meta-Analysis) Efektivitas Clopidogrel Sebagai Antitrombotik Dibandingkan Terhadap Ticlopidine Dan Aspirin (Meta-Analysis). *Jurnal Farmasi Sains Dan*

Komunitas, 14(1), 65–73.

- Suryoputri, M. W., Mustikaningtias, I., & Maharani, L. (2020). Pemantauan Kadar Obat Indeks Terapi Sempit Melalui Estimasi Kadar Obat di Dalam Darah pada Pasien Rawat Inap di RSUD Prof. Dr. Margono Soekarjo, Purwokerto. *Indonesian Journal of Clinical Pharmacy*, 9(2), 105. <https://doi.org/10.15416/ijcp.2020.9.2.105>
- Tama, W. N., Edyanto, A. S., & Yudiyanta. (2020). Nyeri pada individu lanjut usia: perubahan fisiologis serta pilihan analgesik yang rasional Pain in older adults: physiological changes and rational use of analgesic. *Berkala Neurosains*, 19(2), 53–59.
- Tanda, T. (2017). Cocaine-Like Neurochemical Effects of Antihistaminic Medications. *Physiology & Behavior*, 176(1), 100–106. <https://doi.org/10.1177/0022146515594631.Marriage>
- Unger, T., Borghi, C., Charchar, F., Khan, N. A., Poulter, N. R., Prabhakaran, D., Ramirez, A., Schlaich, M., Stergiou, G. S., Tomaszewski, M., Wainford, R. D., Williams, B., & Schutte, A. E. (2020). 2020 International Society of Hypertension Global Hypertension Practice Guidelines. *Hypertension*, 75(6), 1334–1357. <https://doi.org/10.1161/HYPERTENSIONAHA.120.15026>
- Utami, P. *et al.* (2020). Potensi Interaksi Obat pada Pasien Geriatri yang menggunakan AntiHipertensi di Puskesmas Karanggeneng Lamongan. *Media Komunikasi Ilmu Kesehatan*, 12(02), 70–76.
- Veronica, A., Farmasita, R., Sabila, A., Yuwanda, A., Nopratilova, & Budi, A. (2024). Evaluation of Potentially Inappropriate Medications (PIMs) in Outpatient Geriatric Patients at RSKO Jakarta. *International Journal of Pharmaceutical and Bio-Medical Science*, 04(08), 715–723. <https://doi.org/10.47191/ijpbms/v4-i8-09>
- Walker, B. S., Collier, B. R., Bower, K. L., Lollar, D. I., Faulks, E. R., Matos, M., Nussbaum, M. S., & Hamill, M. E. (2019). The prevalence of *Beers Criteria* medication use and associations with falls in geriatric patients at a level 1 trauma center. *American Surgeon*, 85(8), 877–882. <https://doi.org/10.1177/000313481908500842>
- Weber, M. A., Schiffrin, E. L., White, W. B., Mann, S., Lindholm, L. H., Kenerson, J. G., Flack, J. M., Carter, B. L., Materson, B. J., Ram, C. V. S., Cohen, D. L., Cadet, J. C., Jean-Charles, R. R., Taler, S., Kountz, D., Townsend, R. R., Chalmers, J., Ramirez, A. J., Bakris, G. L., ... Harrap, S. B. (2015). Clinical Practice Guidelines for the Management of Hypertension in the Community: A Statement by the American Society of Hypertension and the International Society of Hypertension Clinical Practice Guidelines for the Management of Hypertension in the Comm. *Journal of Clinical Hypertension*, 16(1), 14–26. <https://doi.org/10.1111/jch.12237>
- Widyaningrum, D. A., Rahmadi, M., Hamidah, K. F., Aminde, L. N., Nugroho, C. W., & Zulkarnain, B. S. (2023). Polypharmacy as the risk factor of potentially inappropriate medication and medication regimen complexity index in

hospitalised elderly patients. *Pharmacy Education*, 23(4), 325–330.
<https://doi.org/10.46542/pe.2023.234.325330>

Wu, Y., & Yu, Z. (2024). Association between dietary selenium intake and the prevalence of hypertension: results from the National Health and Nutrition Examination Survey 2003–2018. *Frontiers in Immunology*, 15(January), 1–8.
<https://doi.org/10.3389/fimmu.2024.1338745>

Wulansari. (2023). Potentially Inappropriate Medication (PIM) pada Pasien Geriatri Rawat Inap di RSUD Dr. H. Moch. Ansari Saleh Banjarmasin. *Majalah Farmaseutik*, 19(1), 91.
<https://doi.org/10.22146/farmaseutik.v19i1.70420>

Zulkarnaini, A., & Martini, R. D. (2019). Gambaran Polifarmasi Pasien Geriatri Dibeberapa Poliklinik RSUP Dr. M. Djamil Padang. *Jurnal Kesehatan Andalas*, 8(1S), 1. <https://doi.org/10.25077/jka.v8i1s.916>