

DAFTAR PUSTAKA

- Adams, N. E. (2015). Bloom's taxonomy of cognitive learning objectives. *Journal of the Medical Library Association : JMLA*, 103(3), 152–153.
<https://doi.org/10.3163/1536-5050.103.3.010>
- Agus Cahyono, E., Studi Ilmu Keperawatan, P., Tinggi Ilmu Kesehatan Husada Jombang, S., Korespondensi, A., Veteran Mancar, J., Peterongan, K., Jombang, K., & Timur, J. (2019). PENGETAHUAN ; ARTIKEL REVIEW. In *Jurnal Keperawatan* (Vol. 12, Issue 1).
- Al Obaidi, W. S., & Tuma, F. (2024). Applying Bloom's Taxonomy in Orthopedic Clinical Education: Examples for Daily Practice. *Journal of Current Surgery*, 14(1), 1–4. <https://doi.org/10.14740/jcs477>
- Aldebasi, B., Alhassan, A. I., Al-Nasser, S., & Abolfotouh, M. A. (2020). Level of awareness of Saudi medical students of the internet-based health-related information seeking and developing to support health services. *BMC Medical Informatics and Decision Making*, 20(1).
<https://doi.org/10.1186/s12911-020-01233-8>
- Arlott, J. (2024). *Commentary Open access Journal of Autacoids Prostaglandins: Key Regulators of Inflammation, Blood Flow, Reproduction, and Therapeutic Targets in Medicine*. <https://doi.org/10.35841/jac.5.1.07>
- Assiri, G. A., Shebl, N. A., Mahmoud, M. A., Aloudah, N., Grant, E., Aljadhey, H., & Sheikh, A. (2018). What is the epidemiology of medication errors, error-related adverse events and risk factors for errors in adults managed in community care contexts? A systematic review of the international literature. *BMJ Open*, 8(5), e019101. <https://doi.org/10.1136/bmjopen-2017-019101>
- Bally, M., Dendukuri, N., Rich, B., Nadeau, L., Helin-Salmivaara, A., Garbe, E., & Brophy, J. M. (2017). Risk of acute myocardial infarction with NSAIDs in real world use: bayesian meta-analysis of individual patient data. *BMJ*, j1909. <https://doi.org/10.1136/bmj.j1909>
- Bertram, G. K., & Todd, W. V. (2021). *BASIC & CLINICAL PHARMACOLOGY* (15th Edition).
- Bindu, S., Mazumder, S., & Bandyopadhyay, U. (2020a). Non-steroidal anti-inflammatory drugs (NSAIDs) and organ damage: A current perspective. *Biochemical Pharmacology*, 180, 114147. <https://doi.org/10.1016/j.bcp.2020.114147>
- Bindu, S., Mazumder, S., & Bandyopadhyay, U. (2020b). Non-steroidal anti-inflammatory drugs (NSAIDs) and organ damage: A current perspective. *Biochemical Pharmacology*, 180, 114147. <https://doi.org/10.1016/j.bcp.2020.114147>
- Chen, C., Guan, J., Gu, X., Chu, Q., & Zhu, H. (2022). Prostaglandin E2 and Receptors: Insight Into Tumorigenesis, Tumor Progression, and Treatment of Hepatocellular Carcinoma. In *Frontiers in Cell and Developmental Biology* (Vol. 10). Frontiers Media S.A. <https://doi.org/10.3389/fcell.2022.834859>
- Chkhikvadze, L., Chikobava, E., Hariharan, N., Omprakash, A., & Aamil, S. (2025). Awareness of the use of non-steroidal anti-inflammatory drugs: A

- cross-sectional study. *Medicine International*, 5(5), 1–13.
<https://doi.org/10.3892/mi.2025.248>
- Citra, N., Baety, N., & Rahayu, S. (n.d.). *THE RELATIONSHIP BETWEEN EDUCATION LEVELS WITH KNOWLEDGE, ATTITUDES, AND PRACTICE IN HYPERTENSION PATIENTS*. <https://doi.org/10.37287/ijghr.v6iS6.4981>
- Coccolini, F., Corradi, F., Sartelli, M., Coimbra, R., Kryvoruchko, I. A., Leppaniemi, A., Dokleštic, K., Bignami, E., Biancofiore, G., Bala, M., Marco, C., Damaskos, D., Biffl, W. L., Fugazzola, P., Santonastaso, D., Agnoletti, V., Sbarbaro, C., Nacoti, M., Hardcastle, T. C., ... Malbrain, M. L. N. G. (2022). Postoperative pain management in non-traumatic emergency general surgery: WSES-GAIS-SIAARTI-AAST guidelines. In *World Journal of Emergency Surgery* (Vol. 17, Issue 1). BioMed Central Ltd.
<https://doi.org/10.1186/s13017-022-00455-7>
- Cryer, B., Barnett, M. A., Wagner, J., & Wilcox, C. M. (2016). Overuse and Misperceptions of Nonsteroidal Anti-inflammatory Drugs in the United States. *The American Journal of the Medical Sciences*, 352(5), 472–480.
<https://doi.org/10.1016/j.amjms.2016.08.028>
- Czub, M. P., Handing, K. B., Venkataramany, B. S., Cooper, D. R., Shabalin, I. G., & Minor, W. (2020). Albumin-Based Transport of Nonsteroidal Anti-Inflammatory Drugs in Mammalian Blood Plasma. *Journal of Medicinal Chemistry*, 63(13), 6847–6862.
<https://doi.org/10.1021/acs.jmedchem.0c00225>
- Derwich, M., Mitus-Kenig, M., & Pawlowska, E. (2021). Orally Administered NSAIDs—General Characteristics and Usage in the Treatment of Temporomandibular Joint Osteoarthritis—A Narrative Review. *Pharmaceuticals*, 14(3), 219. <https://doi.org/10.3390/ph14030219>
- Dewitt, B., Persson, J., & Wallin, A. (2024). Perceptions of Clinical Experience and Scientific Evidence in Medical Decision Making: A Survey of a Stratified Random Sample of Swedish Health Care Professionals. *Medical Decision Making*, 44(3), 335–345. <https://doi.org/10.1177/0272989X241234318>
- El-Malah, A. A., Gineinah, M. M., Deb, P. K., Khayyat, A. N., Bansal, M., Venugopala, K. N., & Aljahdali, A. S. (2022). Selective COX-2 Inhibitors: Road from Success to Controversy and the Quest for Repurposing. *Pharmaceuticals*, 15(7), 827. <https://doi.org/10.3390/ph15070827>
- Fasinu, P. S., & Wilborn, T. W. (2024). Pharmacology education in the medical curriculum: Challenges and opportunities for improvement. *Pharmacology Research & Perspectives*, 12(1). <https://doi.org/10.1002/prp2.1178>
- FitzGerald, J. D., Dalbeth, N., Mikuls, T., Brignardello-Petersen, R., Guyatt, G., Abeles, A. M., Gelber, A. C., Harrold, L. R., Khanna, D., King, C., Levy, G., Libbey, C., Mount, D., Pillinger, M. H., Rosenthal, A., Singh, J. A., Sims, J. E., Smith, B. J., Wenger, N. S., ... Neogi, T. (2020). 2020 American College of Rheumatology Guideline for the Management of Gout. *Arthritis Care and Research*, 72(6), 744–760. <https://doi.org/10.1002/acr.24180>
- Harirforoosh, S., Asghar, W., & Jamali, F. (2014). Adverse Effects of Nonsteroidal Antiinflammatory Drugs: An Update of Gastrointestinal, Cardiovascular and

- Renal Complications. *Journal of Pharmacy & Pharmaceutical Sciences*, 16(5), 821. <https://doi.org/10.18433/J3VW2F>
- Ida Ghlichloo, & Valerie Gerriets. (2023). *Nonsteroidal Anti-Inflammatory Drugs (NSAIDs) StatPearls [Internet]*.
- James M. Ritter, Rod J. Flower, Graeme Henderson, & Humphrey P. Rang. (2016). *Rang & Dale's Pharmacology* (8th ed. Elsevier).
- Jang, Y., Kim, M., & Hwang, S. W. (2020). Molecular mechanisms underlying the actions of arachidonic acid-derived prostaglandins on peripheral nociception. In *Journal of Neuroinflammation* (Vol. 17, Issue 1). BioMed Central Ltd. <https://doi.org/10.1186/s12974-020-1703-1>
- Jara-Gutiérrez, Á., & Baladrón, V. (2021). The Role of Prostaglandins in Different Types of Cancer. *Cells*, 10(6), 1487. <https://doi.org/10.3390/cells10061487>
- Khalid, K., & Amina Ahmad, S. (2018). EFFECTIVENESS OF INTERACTIVE LECTURES ON KNOWLEDGE RETENTION AND STUDENTS' MOTIVATION IN UNDERGRADUATE MEDICAL EDUCATION – A MIXED METHOD STUDY. In *Interactive Lectures Pak Armed Forces Med J* (Vol. 69, Issue 1).
- Khalil, N. A., Ahmed, E. M., Tharwat, T., & Mahmoud, Z. (2024). NSAIDs between past and present; a long journey towards an ideal COX-2 inhibitor lead. *RSC Advances*, 14(42), 30647–30661. <https://doi.org/10.1039/D4RA04686B>
- Kirkby, N. S., Chan, M. V., Zaiss, A. K., Garcia-Vaz, E., Jiao, J., Berglund, L. M., Verdu, E. F., Ahmetaj-Shala, B., Wallace, J. L., Herschman, H. R., Gomez, M. F., & Mitchell, J. A. (2016). Systematic study of constitutive cyclooxygenase-2 expression: Role of NF-κB and NFAT transcriptional pathways. *Proceedings of the National Academy of Sciences*, 113(2), 434–439. <https://doi.org/10.1073/pnas.1517642113>
- Lanas, A., & Chan, F. K. L. (2017). Peptic ulcer disease. *The Lancet*, 390(10094), 613–624. [https://doi.org/10.1016/S0140-6736\(16\)32404-7](https://doi.org/10.1016/S0140-6736(16)32404-7)
- Laurence Brunton, Randa Hilal-Dandan, & Bjorn Knollmann. (2018). *Goodman and Gilman's The Pharmacological Basis of Therapeutics* (13th ed.).
- Marjoribanks, J., Ayeleke, R. O., Farquhar, C., & Proctor, M. (2015). Nonsteroidal anti-inflammatory drugs for dysmenorrhoea. *Cochrane Database of Systematic Reviews*, 2015(7). <https://doi.org/10.1002/14651858.CD001751.pub3>
- Moore, R. A., Derry, S., Wiffen, P. J., & Straube, S. (2015). Effects of food on pharmacokinetics of immediate release oral formulations of aspirin, dipyrrone, paracetamol and NSAIDs – a systematic review. *British Journal of Clinical Pharmacology*, 80(3), 381–388. <https://doi.org/10.1111/bcp.12628>
- Onódi, Z., Riba, P., Ferdinandy, P., Görbe, A., & Varga, Z. V. (2025). Implementing the flipped classroom model to enhance knowledge retention in pharmacology: a local case study at Semmelweis university. *BMC Medical Education*, 25(1). <https://doi.org/10.1186/s12909-025-06913-5>
- Orgill BD, & Nolin J. (2022). *Learning Taxonomies in Medical Simulation*. StatPearls.

- Osani, M. C., Vaysbrot, E. E., Zhou, M., McAlindon, T. E., & Bannuru, R. R. (2020). Duration of Symptom Relief and Early Trajectory of Adverse Events for Oral Nonsteroidal Antiinflammatory Drugs in Knee Osteoarthritis: A Systematic Review and Meta-Analysis. *Arthritis Care & Research*, 72(5), 641–651. <https://doi.org/10.1002/acr.23884>
- Qarriy Aina Urfiyya, & Zelva Desvandria Arjuliant. (2024). Pola Penggunaan dan Pengetahuan Pasien Mengenai Penggunaan Obat Anti Inflamasi Non Steroid di Apotek Perdana Yogyakarta. *CERATA Jurnal Ilmu Farmasi*, 15(1), 13–22. <https://doi.org/10.61902/cerata.v15i1.983>
- Radiah, N., Arista Pratama, I., & Pahmi, K. (2023). Studi Penggunaan NSAID (Nonsteroidal Anti Inflammatory Drugs) Pasien Osteoarthritis Usia Lanjut di Rumah Sakit X Sumbawa Barat. *Journal Syifa Sciences and Clinical Research*, 5(3). <https://doi.org/10.37311/jsscr.v5i3.23723>
- Salis, Z., & Sainsbury, A. (2024). Association of long-term use of non-steroidal anti-inflammatory drugs with knee osteoarthritis: a prospective multi-cohort study over 4-to-5 years. *Scientific Reports*, 14(1), 6593. <https://doi.org/10.1038/s41598-024-56665-3>
- Swathi, V., Saroha, S., Prakash, J., & Bhushan, S. (2021). Retrospective pharmacovigilance analysis of nonsteroidal anti-inflammatory drugs-induced chronic kidney disease. *Indian Journal of Pharmacology*, 53(3), 192. https://doi.org/10.4103/ijp.IJP_704_20
- Tjin A Tsoi, S. L. N. M., de Boer, A., Croiset, G., Koster, A. S., van der Burgt, S., & Kusurkar, R. A. (2018). How basic psychological needs and motivation affect vitality and lifelong learning adaptability of pharmacists: a structural equation model. *Advances in Health Sciences Education*, 23(3), 549–566. <https://doi.org/10.1007/s10459-018-9812-7>
- Wang, Q., Morris, R. J., Bode, A. M., & Zhang, T. (2022). Prostaglandin Pathways: Opportunities for Cancer Prevention and Therapy. *Cancer Research*, 82(6), 949–965. <https://doi.org/10.1158/0008-5472.CAN-21-2297>
- Wennberg-Capellades, L., Fuster-Linares, P., Rodríguez-Higueras, E., Fernández-Puebla, A. G., & Llaurodo-Serra, M. (2022). Where do nursing students make mistakes when calculating drug doses? A retrospective study. *BMC Nursing*, 21(1). <https://doi.org/10.1186/s12912-022-01085-9>
- WHO. (2024). *Medication Without Harm*. World Health Organization.
- WHO EML 23rd List (2023). (2023). <http://apps.who.int/bookorders>.
- Wulandari, Y. (2024). Pengetahuan mahasiswa kedokteran Universitas Tarumanagara mengenai non-steroidal anti-inflammatory drug (NSAID). In *Tarumanagara Medical Journal* (Vol. 6, Issue 2).
- Zobdeh, F., Eremenko, I. I., Akan, M. A., Tarasov, V. V., Chubarev, V. N., Schiöth, H. B., & Mwinyi, J. (2022). Pharmacogenetics and Pain Treatment with a Focus on Non-Steroidal Anti-Inflammatory Drugs (NSAIDs) and Antidepressants: A Systematic Review. *Pharmaceutics*, 14(6), 1190. <https://doi.org/10.3390/pharmaceutics14061190>