

DAFTAR PUSTAKA

- Abdul K. Abbas, Andrew H. Lichtman, S. P. (2016) *Imunologi Dasar Abbas*. 5th edn. Edited by H. Kalim. Singapore: Elsevier Ltd.
- Abramoff, B. and Caldera, F. E. (2020) 'Osteoarthritis: Pathology, Diagnosis, and Treatment Options', *Medical Clinics of North America*, 104(2), pp. 293–311. doi: 10.1016/j.mcna.2019.10.007.
- Allaey, C. *et al.* (2020) 'Conservative treatment of knee osteoarthritis', *Acta Orthopaedica Belgica*, 86(3), pp. 412–421.
- Ashkavand, Z., Malekinejad, H. and Vishwanath, B. S. (2013) 'The pathophysiology of osteoarthritis', *Journal of Pharmacy Research*, 7(1), pp. 132–138. doi: 10.1016/j.jopr.2013.01.008.
- Budiman, N. T. and Widjaja, I. F. (2020) 'Gambaran derajat nyeri pada pasien osteoarthritis genu di Rumah Sakit Royal Taruma Jakarta Barat', *Tarumanagara Medical Journal*, 3(1), pp. 168–173. Available at: <http://repository.untar.ac.id/31993/>.
- Büyükavci, R., Aktürk, S. and Sag, S. (2018) 'Comparison of blood platelet distribution width and neutrophil-lymphocyte ratio in patients with different grades of knee osteoarthritis', *Journal of Back and Musculoskeletal Rehabilitation*, 31(6), pp. 1035–1039. doi: 10.3233/BMR-171028.
- Cai, C. *et al.* (2020) 'Diagnostic values of NLR and miR-141 in patients with osteoarthritis and their association with severity of knee osteoarthritis', *Experimental and Therapeutic Medicine*, 21(1), pp. 1–9. doi: 10.3892/etm.2020.9506.
- Chow, Y. Y. and Chin, K. Y. (2020) 'The Role of Inflammation in the Pathogenesis of Osteoarthritis', *Mediators of Inflammations*, 2020, p. 19 pages. doi: 10.1155/2020/8293921.
- Cui, A. *et al.* (2020) 'Global, regional prevalence, incidence and risk factors of knee osteoarthritis in population-based studies', *EClinicalMedicine*, 29–30, p. 100587. doi: 10.1016/j.eclinm.2020.100587.
- Dahlan, M. S. (2014) *Statistik untuk kedokteran dan kesehatan: Deskriptif, Bivariat, dan Multivariat*. 6th edn. Jakarta: Epidemiologi Indonesia.
- Dunn, R. *et al.* (2020) 'Risk scoring for time to end-stage knee osteoarthritis: data from the Osteoarthritis Initiative', *Osteoarthritis and Cartilage*, 28(8), pp. 1020–1029. doi: 10.1016/j.joca.2019.12.013.
- Forget, P. *et al.* (2017) 'What is the normal value of the neutrophil-to-lymphocyte ratio?', *BMC Research Notes*, 10(1), pp. 1–4. doi: 10.1186/s13104-016-2335-5.
- Gao, K. *et al.* (2019) 'Diagnostic value of the blood monocyte–lymphocyte ratio in knee osteoarthritis', *Journal of International Medical Research*, 47(9), pp.

- 4413–4421. doi: 10.1177/0300060519860686.
- Ginanjari, E. and Rachman, A. M. (2014) *Buku Ajar Ilmu Penyakit Dalam Edisi Keenam, Buku Ajar Ilmu Penyakit Dalam*.
- Glover, T. L. *et al.* (2016) ‘with Knee Osteoarthritis’, 31(12), pp. 1060–1067. doi: 10.1097/AJP.0000000000000210.A.
- Gundogdu, G. and Gundogdu, K. (2018) ‘A novel biomarker in patients with knee osteoarthritis: adropin’, *Clinical Rheumatology*, 37(8), pp. 2179–2186. doi: 10.1007/s10067-018-4052-z.
- Hardiyanti, V. *et al.* (2020) ‘Correlation of Body Mass Index and Kellgren-Lawrence Degrees in Genu Osteoarthritis’, *SCRIPTA SCORE Scientific Medical Journal*, 2(1), pp. 1–5. doi: 10.32734/scripta.v2i1.3369.
- Hunter Hsu; Ryan M. Siwiec (2021) *Knee Osteoarthritis, StatPearls Publishing; 2021 Jan-*. Available at: <https://www.ncbi.nlm.nih.gov/books/NBK507884/>.
- Ionițescu, M. *et al.* (2020) ‘Association of neutrophil to lymphocyte ratio with patient reported outcomes in knee osteoarthritis’, *Applied Sciences (Switzerland)*, 10(22), pp. 1–8. doi: 10.3390/app10228173.
- Jang, S., Lee, K. and Ju, J. H. (2021) ‘Recent updates of diagnosis, pathophysiology, and treatment on osteoarthritis of the knee’, *International Journal of Molecular Sciences*, 22(5), pp. 1–15. doi: 10.3390/ijms22052619.
- Kambayana, G. (2017) ‘Managemen Rasional Osteoarthritis dan Osteoporosis’, *Angewandte Chemie International Edition*, 6(11), 951–952., pp. 1–2.
- Kapoor, M. *et al.* (2011) ‘Role of proinflammatory cytokines in the pathophysiology of osteoarthritis’, *Nature Reviews Rheumatology*, 7(1), pp. 33–42. doi: 10.1038/nrrheum.2010.196.
- Kementrian Kesehatan (2016) *Peraturan Menteri Kesehatan tentang Rencana Aksi Nasional Kesehatan Lanjut Usia Tahun 2016-2019*. Available at: http://hukor.kemkes.go.id/uploads/produk_hukum/PMK_No._25_ttg_Rencana_Aksi_Nasional_Kesehatan_Lanjut_Usia_Tahun_2016-2019_.pdf.
- Koca, T. T., Baykara, M. and Koçyiğit, B. F. (2019) ‘Diz osteoartriti radyolojik evrelemesi ile tam kan sayım parametreleri ve türevleri ilişkisi’, *Cukurova Medical Journal*, 44(4), pp. 1364–1370. doi: 10.17826/cumj.507406.
- Michael, J. W. P., Schlüter-Brust, K. U. and Eysel, P. (2010) ‘Epidemiologie, ätiologie, diagnostik und therapie der gonarthrose’, *Deutsches Arzteblatt*, 107(9), pp. 152–162. doi: 10.3238/arztebl.2010.0152.
- Mortada, M. *et al.* (2016) ‘Reliability of a proposed ultrasonographic grading scale for severity of primary knee osteoarthritis’, *Clinical Medicine Insights: Arthritis and Musculoskeletal Disorders*, 9, pp. 161–166. doi: 10.4137/CMAMD.S38141.

- Nata, C. E., Rahman, S. and Sakdiah, S. (2020) 'Hubungan indeks massa tubuh dengan kejadian osteoarthritis lutut di Rumah Sakit Umum Zainoel Abidin Kota Banda Aceh', *Jurnal Kedokteran Syiah Kuala*, 20(3), pp. 138–142. doi: 10.24815/jks.v20i3.18215.
- Nelson, F. R. t. (2014) 'A background for the management of osteoarthritic knee pain', *Pain management*, 4(6), pp. 427–436. doi: 10.2217/pmt.14.40.
- Nugraha, A. S., Widyatmoko, S. and Jatmiko, S. W. (2015) 'Hubungan Obesitas dengan Osteoarthritis Lutut pada Lansia Di Kelurahan Puncangsawit Kecamatan Laweyan Surakarta', *Biomedika*, 7(1), pp. 15–18. Available at: <http://eprints.uns.ac.id/8368/1/144851308201011141.pdf>.
- Özler, K. (2018) 'Relationship of hematological and biochemical parameters with WOMAC index to severity of osteoarthritis: A retrospective study', *Archives of Clinical and Experimental Medicine*, 3(4), pp. 84–87. doi: 10.25000/acem.426969.
- Paerunan, C., Gessal, J. and Sengkey, L. (2019) 'Hubungan Antara Usia dan Derajat Kerusakan Sendi pada Pasien Osteoarthritis Lutut di Instalasi Rehabilitasi Medik RSUP Prof. Dr.R.D. Kandou Manado Periode Januari-Juni 2018', *Jurnal Medik dan Rehabilitasi (JMR)*, 1(3), pp. 1–4.
- Profil RSU Al Fauzan Jakarta* (2020). Available at: <http://jih.co.id/tentang-kami/>.
- Rahmadiyah, N., Tresnasari, C. and Alie, I. R. (2016) 'Hubungan antara Usia dan Jenis Kelamin dengan Derajat Keparahan Osteoarthritis Lutut di RS Al-Islam Bandung Periode 1 Januari 2013-31 Desember 2015', *Prosiding Pendidikan Dokter*, 2(2), pp. 764–772. Available at: <http://karyailmiah.unisba.ac.id/index.php/dokter/article/view/4809>.
- Resnasari, S. D. (2020) 'The Correlation Between Low Body Mass Index (underweight) With Bone Strength On Elderly Women', *Saintika Medika*, 16(1), p. 14. doi: 10.22219/sm.vol16.smumm1.10598.
- Saputra, I. M. Y. *et al.* (2019) 'Rasio Neutrofil dan Limfosit (NLCR) Sebagai Faktor Risiko Terjadinya Infeksi Bakteri di Ruang Rawat Anak RSUP Sanglah Denpasar', *Sari Pediatri*, 20(6), p. 354. doi: 10.14238/sp20.6.2019.354-9.
- Sastroasmoro, S. (2014) *Dasar-dasar metodologi penelitian klinis*. 5th edn. Jakarta: CV. Sagung Seto.
- Selanno, Y. *et al.* (2021) 'Analysis of Neutrophil Lymphocyte Ratio and Absolute Lymphocyte Count as Predictors of Severity of COVID-19 Patients', *Indonesian Journal of Clinical Pathology and Medical Laboratory*, 27(2), p. 184. doi: 10.24293/ijcpml.v27i2.1738.
- Setiati S, Alwi I, Sudoyo AW, Stiyohadi B, S. A. (2014) *Buku ajar ilmu penyakit dalam jilid I*. VI. Jakarta: InternaPublishing.

- Sugiyono, P. D. (2013) *Metode Penelitian Kuantitatif Kualitatif dan R&D*. 19th edn. Bandung: Penerbit Alfabeta Bandung.
- Supartono, B. (2016) *Penyembuhan Pengapuran Sendi Lutut*. Jakarta: Pusat Kajian Stem Cell Fakultas Kedokteran Universitas Pembangunan Nasional “Veteran” Jakarta.
- Supartono, B. (2018) ‘Hyaline Cartilage Regeneration on Osteochondral defects by Intraarticular Injection of Human Peripheral Blood CD34+ Cells, Hyaluronic Acid and Growth Factor in a Rat Model’, *Biomedical Journal of Scientific & Technical Research*, 7(1), pp. 1–10. doi: 10.26717/bjstr.2018.07.001436.
- Supartono, B. *et al.* (2020) ‘Corelation Between X-Ray Grading Scale And USG Examination of Knee Joint Osteoarthritis’, *Orthopaedic Journal of Sports Medicine*, 8(5_suppl5), p. 2325967120S0011. doi: 10.1177/2325967120s00110.
- Taşoğlu, Ö. *et al.* (2016) ‘Is blood neutrophil-lymphocyte ratio an independent predictor of knee osteoarthritis severity?’, *Clinical Rheumatology*, 35(6), pp. 1579–1583. doi: 10.1007/s10067-016-3170-8.
- Vina, E. R. and Kent Kwoh, C. (2018) ‘Epidemiology of Osteoarthritis: Literature Update Ernest’, *Physiology & behavior*, 30(2), pp. 160–167. doi: 10.1097/BOR.0000000000000479.Epidemiology.
- Wibisana, K. A. *et al.* (2019) ‘Hubungan antara Rasio Neutrofil Limfosit dengan Kejadian Penyakit Arteri Perifer Ekstremitas Bawah pada Penyandang Diabetes Melitus Tipe 2’, *Jurnal Penyakit Dalam Indonesia*, 5(4), pp. 184–188. doi: 10.7454/jpdi.v5i4.227.
- Wojdasiewicz, P., Poniatowski, Ł. A. and Szukiewicz, D. (2014) ‘The role of inflammatory and anti-inflammatory cytokines in the pathogenesis of osteoarthritis’, *Mediators of Inflammation*, 2014. doi: 10.1155/2014/561459.
- World Health Organization (2018) ‘Kategori IMT’. Available at: <http://p2ptm.kemkes.go.id/infographic-p2ptm/obesitas/klasifikasi-obesitas-setelah-pengukuran-imt>.