

DAFTAR PUSTAKA

- Gemcioglu, E & Erten, S 2021, 'Clinical and laboratory features of patients with undifferentiated spondyloarthritis and ankylosing spondylitis', *Rev Med Chil.* vol.149, no. 10, p.1423–9. DOI:[10.4067/s0034-98872021001001423](https://doi.org/10.4067/s0034-98872021001001423).
- Gracey, E, Yao, Y, Green, B, Qaiyu, X, Baglaenko, Y, Lin A et al. 2017, 'Sexual Dimorphism in the Th17 Signature of Ankylosing Spondylitis', *Arthritis Rheumatol.* vol. 68, no.3, p.679-89. DOI: [10.1002/art.39464](https://doi.org/10.1002/art.39464).
- Hanson, A, Brown, MA 2017, 'Genetics and the causes of ankylosing spondylitis', *Rheum Dis Clin North Am.* vol. 43, no.3, p. 401–414. DOI: 10.1016/j.rdc.2017.04.006.
- Hwang, MC, Ridley, L, Reveille, JD 2022, 'Ankylosing spondylitis risk factors : a systematic literature review', *Clin Rheumatol.* vol. 40, no.8 p.3079–93. DOI: 10.1007/s10067-021-05679-7.
- James WH 1991, 'Sex ratios and hormones in HLA related rheumatic diseases', *Ann Rheum Dis.* vol. 50, no. 6, p.401–4.
- Kavadichanda, CG, Geng, J, Bulusu, SN, Negi, VS, Raghavan, M 2021, 'Spondyloarthritis and the Human Leukocyte Antigen (HLA)-B*27 Connection', *Front. Immunol.* vol. 12, p.601518. DOI:10.3389/fimmu.2021.601518.
- Kenyon, M, Maguire, S, Rueda, Pujol, A, O’Shea, F, McManus, R 2022, 'The genetic backbone of ankylosing spondylitis: how knowledge of genetic susceptibility informs our understanding and management of disease', *Rheumatol Int.* vol. 42, no. 12, p.2085–95. DOI:10.1007/s00296-022-05174-5.
- Kilpatrick, DC 1996, 'HLA-B27 Determination by Polymerase Chain Reaction', *Dis Markers.* vol. 12, no.4, p.247–51.
- Kim, JO, Lee, JS, Choi, JY, Lee, KH, Kim, YB, Yoo, DH et al. 2013, 'The relationship between peripheral arthritis and anti-cyclic citrullinated peptide antibodies in ankylosing spondylitis', *Jt Bone Spine.* vol. 80, no. 4, p.399–401. DOI:[10.1016/j.jbspin.2012.10.002](https://doi.org/10.1016/j.jbspin.2012.10.002).
- Kuo, CF, Grainge, MJ, Valdes, AM, See, LC, Yu, KH, Steven, Shaw, SW et al. 2017, 'Familial aggregation of rheumatoid arthritis and co-aggregation of autoimmune

- diseases in affected families: A nationwide population-based study', *Rheumatol.* vol. 56, no.6, p.928–33. DOI:10.1093/rheumatology/kew500.
- Liu, J, Gao, J, Wu, Z, Mi, L, Li, N, Wang, Y et al. 2021, 'Anti-citrullinated Protein Antibody Generation, Pathogenesis, Clinical Application, and Prospect', *Front. Med.* vol. 8, p.802934. DOI:10.3389/fmed.2021.802934.
- Lorenzin, M, Ometto, F, Ortolan, A, Felicetti, M, Favero, M, Doria, A et al. 2020, 'An update on serum biomarkers to assess axial spondyloarthritis and to guide treatment decision', *Ther Adv Musculoskel Dis.* vol. 12, p.1-19. DOI:10.1177/1759720X20934277.
- Mathew, A, Bhagavaldas, MC, Biswas, R, Biswas, L 2024, 'Genetic risk factors in ankylosing spondylitis: Insights into etiology and disease pathogenesis', *Int J Rheum Dis.* vol. 27, no.1, p.e15023. DOI:10.1111/1756-185X.15023.58.
- McAllister, M, Wood, AM, Dunn, G, Shiloh, S, Todd, C 2011, 'The Genetic Counseling Outcome Scale: a new patient-reported outcome measure for clinical genetics services', *Clin Genet.* vol. 79, no. 5, p.413–24. DOI: [10.1111/j.1399-0004.2011.01636.x](https://doi.org/10.1111/j.1399-0004.2011.01636.x).
- McDermott, GC, Choufani, M, Monshizadeh, A, Ermann, J 2025, 'HLA-B27 Testing in Clinical Practice: A Retrospective Analysis of Testing Indications and Rheumatology Referral Patterns', *J Rheumatol.* vol. 52, no. 10, p. 1021-7. DOI:10.3899/jrheum.2025-0167.
- Michel, J, Vuitton, L, Vauchy, C, Toussirot, E, Mauny, F, Puyraveau, M et al. 2026, 'Spondyloarthritis and inflammatory bowel disease : towards a more severe and refractory disease phenotype', *EULAR Rheumatol Open.* vol. 2, p. 101-7. DOI:10.1016/j.ero.2025.12.001.
- Mokuda, S, Kobayashi, H, Araki, K, Ishitoku, M, Watanabe, H, Sugimoto, T et al. 2025, 'Frequent detection of antinuclear antibodies and low-titre rheumatoid factor in female patients with undifferentiated peripheral spondyloarthritis in Japan: A prospective observational study', *Mod Rheumatol.* p.1–9. DOI:10.1093/mr/roaf010.

- Navarro-Compán, V, Ermann, JS, Poddubnyy, D 2022 'A glance into the future of diagnosis and treatment of spondyloarthritis', *Ther Adv Musculoskelet Dis*. vol. 14, p.1–11. DOI:10.1177/1759720X221111611.
- Parasannanavar, DJ, Rajadhyaksha, A, Ghosh, K 2014, 'Role of HLA-B alleles and clinical presentation of B27 negative spondyloarthritis patients from mumbai, western india', *Autoimmune Dis*. p.327315. DOI:10.1155/2014/327315.
- Payet, J, Goulvestre, C, Bialé, L, Avouac, J, Wipff, J, Job-Deslandre, C et al. 2014, 'Anticyclic citrullinated peptide antibodies in rheumatoid and nonrheumatoid rheumatic disorders: Experience with 1162 patients', *J Rheumatol*. vol. 41, no.12, p.2395–402. DOI: 10.3899/jrheum.131375.
- Perhimpunan Reumatologi Indonesia 2021, 'Rekomendasi Diagnosis dan Pengelolaan Spondiloarthritis', Jakarta: Perhimpunan Reumatologi Indonesia .p.1–48.
- Pettersson, N, Kragbjerg, F, Hamrin, A, Forsblad-d'Elia, H, Karling, P 2025, 'Spondyloarthritis features in IBD patients: prevalence, referral trends and clinical implications A questionnaire-based study', *Scand J Gastroenterol*. vol. 60, no. 7, p.686–97. DOI:10.1080/00365521.2025.2504076.
- Poddubnyy, D 2020, 'Classification vs diagnostic criteria: The challenge of diagnosing axial spondyloarthritis', *Rheumatol*. vol. 59, no. iv6–17. DOI: [10.1093/rheumatology/keaa250](https://doi.org/10.1093/rheumatology/keaa250).
- Poddubnyy, D, Sieper, J, Akar, S, Muñoz-Fernández, S, Haibel, H, Hojnik, M et al. 2022, 'Characteristics of patients with axial spondyloarthritis by geographic regions: PROOF multicountry observational study baseline results', *Rheumatol*. vol. 61, no.8, p.3299–308. DOI:10.1093/rheumatology/keab901.
- Rudwaleit, M, Van Der Heijde, D, Landewé, R, Akkoc, N, Brandt, J, Chou, CT et al. 2011, 'The Assessment of SpondyloArthritis international Society classification criteria for peripheral spondyloarthritis and for spondyloarthritis in general', *Ann Rheum Dis*. vol. 70, p.25–31. DOI:10.1136/ard.2010.133645.
- Rusman, T, van Vollenhoven, RF, van der Horst-Bruinsma, IE 2018, 'Gender Differences in Axial Spondyloarthritis: Women Are Not So Lucky', *Curr Rheumatol Rep*. vol. 20, no. 6. DOI: [10.1007/s11926-018-0744-2](https://doi.org/10.1007/s11926-018-0744-2).

- Schinocca, C, Rizzo, C, Fasano, S, Grasso, G, La Barbera, L, Ciccia, F et al. 2021, 'Role of the IL-23/IL-17 Pathway in Rheumatic Diseases: An Overview', *Front Immunol.* vol. 12, p.7–10. DOI:[10.3389/fimmu.2021.637829](https://doi.org/10.3389/fimmu.2021.637829).
- Scotto Di Fazano, C, Grilo, RM, Vergne, P, Coyral, D, Inaoui, R, Bonnet, C et al. 2002, 'Is the relationship between spondyloarthropathy and Sjögren's syndrome in women coincidental? A study of 13 cases', *Jt Bone Spine.* vol. 69, no. 4, p.383–7. DOI: 10.1016/s1297-319x(02)00414-1.
- Sheehan, NJ 2004, 'The ramifications of HLA-B27', *J R Soc Med.* vol. 97, p.10–14.
- Soiza, RL, Donaldson, AIC, Myint, PK 2018, 'Vaccine against arteriosclerosis: an update', *Ther Adv Vaccines.* vol. 9, no. 6, p. 259–61. DOI: 10.1177/1759720X221111611.
- Stolwijk, C, van Onna, M, Boonen, A, van, Tubergen A 2016, 'Global Prevalence of Spondyloarthritis: A Systematic Review and Meta-Regression Analysis', *Arthritis Care Res.* vol. 68, no.9, p.1320-31. DOI: [10.1002/acr.22831](https://doi.org/10.1002/acr.22831).
- Stolwijk, C, Van Tubergen, A, Castillo-Ortiz, JD, Boonen, A 2015, 'Prevalence of extra-articular manifestations in patients with ankylosing spondylitis: A systematic review and meta-analysis', *Ann Rheum Dis.* vol. 74, no. 1, p. 65–73. DOI: [10.1136/annrheumdis-2013-203582](https://doi.org/10.1136/annrheumdis-2013-203582).
- Thomas, C, McAllister, M 2019, 'Establishing the minimum clinically important difference for the Genetic Counseling Outcome Scale (GCOS-24)', *J Genet Couns.* vol. 28, no.5, p.1003–10. DOI: [10.1002/jgc4.1152](https://doi.org/10.1002/jgc4.1152).
- Trouw, LA, Haisma, EM, Levarht, EW, van der Woude, D, Ioan-Facsinay, A, Daha MR et al. 2009, 'Anti-cyclic citrullinated peptide antibodies from rheumatoid arthritis patients activate complement via both the classical and alternative pathways', *Arthritis Rheum.* vol. 60, no.7, p.1923-31. DOI: 10.1002/art.24622.
- van der Linden, SM, Khan, MA, Li, Z et al. 2022, 'Recurrence of axial spondyloarthritis among first- degree relatives in a prospective 35- year- follow- up family study', *RMD Open.* vol. 8, p. e002208. DOI:10.1136/ rmdopen-2022-002208.
- Verga, GIR, Maftai, NM, Zaharia, AE, Petrea, CL, Şerban, MG, Ciortea, DA et al. 2025, 'HLA-B27 Status in Rheumatic Diseases: Clinical and Immunological

- Differences Between Positive and Negative Patients—A Comparative Study', *Biomedicines*. vol. 13, no.8, p.1–20. DOI:10.3390/biomedicines 13081996.
- Wake, D, Clarke, D, Mccluskey, P, Martin, T 2020, 'Recent Developments in HLA B27 Anterior Uveitis', *Front. Immunol.* vol. 11, p. 608134. DOI:10.3389/fimmu.2020.608134.
- Wu, X, Wang, G, Zhang, L, Xu H 2021, 'Genetics of Ankylosing Spondylitis—Focusing on the Ethnic Difference Between East Asia and Europe', *Front Genet.* vol. 12, p.1–6. DOI: 10.3389/fgene.2021.671682.
- Xiong, J, Chen, J, Tu, J, Ye, W, Zhang, Z, Liu, Q et al. 2014, 'Association of HLA-B27 status and gender with sacroiliitis in patients with ankylosing spondylitis', *Pak J Med Sci.* vol. 30, no.1, p.22–7. DOI:10.12669/pjms.301.3896.
- Yamazaki, H, Kuroiwa, T, Shinmura, K, Yukioka, M, Murata, N 2021, 'Prevalence of anti-cyclic citrullinated peptide antibodies in patients with spondyloarthritis: A retrospective study', *Mod Rheumatol.* vol. 31, no.2, p.458–61. DOI:[10.1080/14397595.2020.1761070](https://doi.org/10.1080/14397595.2020.1761070).
- Yang, T, Duan, Z, Wu, S, Liu, S, Zeng, Z, Li, G et al. 2014, 'Association of HLA-B27 genetic polymorphisms with ankylosing spondylitis susceptibility worldwide: a meta-analysis', *Mod Rheumatol.* vol. 24, no.1, p.150-61. DOI:10.1007/s10165-013-0836-9.
- Zioga, N, Kogias, D, Lampropoulou, V, Kafalis, N, Papagoras, C 2022, 'Inflammatory Bowel Disease-related Spondyloarthritis : The Last Unexplored', *Mediterr J Rheumatol.* vol. 33, Suppl. 1, p.126–36. DOI:[10.31138/mjr.33.1.126](https://doi.org/10.31138/mjr.33.1.126).