

DAFTAR PUSTAKA

- Abrèu-Velez, A.M., Hashimoto, T., Bollag, W.B., Arroyave, S.T., Abrèu-Velez, C.E., Londoño, M.L., Montoya, F., Beutner, E.H. 2003. A unique form of endemic pemphigus in northern Colombia. *J Am Acad Dermatol*, 49(4): 599-608.
- Alpsoy, E., Akman-Karakas, A., Uzun, S. 2015. Geographic variations in epidemiology of two autoimmune bullous diseases: pemphigus and bullous pemphigoid. *Arch Dermatol Res*, 307(4): 291-298.
- Arman, M., Payne, H., Ponomaryov, T., Brill, A. 2015. Role of platelets in inflammation. In: *The Non-Thrombotic Role of Platelets in Health and Disease*. InTech.
- Baum, S., Atar, I., Coster, D., Dovrat, S., Solomon, M., Sprecher, E., Zeeli, T., Barzilai, A. 2022. Relationship between pemphigus vulgaris severity and PCR-positive Herpes Simplex Virus. *Acta Derm Venereol*, 102: adv00703.
- Beek, N. van, Zillikens, D., Schmidt, E. 2021. Autoimmune bullous dermatoses. *Dtsch Arztebl Int*, 118(24): 413-420.
- Berkowitz, P., Chua, M., Liu, Z., Diaz, L.A., Rubenstein, D.S. 2008. Autoantibodies in the autoimmune disease pemphigus foliaceus induce blistering via p38 mitogen-activated protein kinase-dependent signaling in the skin. *Am J Pathol*, 173(6): 1628-1636.
- Boucher, D., Wilson, A., Murrell, D.F. 2023. Pemphigus scoring systems and their validation studies – a review of the literature. *Dermatol Sin*, 41(2): 67-77.
- Budianti, W., Fitri, E., Meilinda, P., Novianto, E., Anindya, S., Debinta, A. 2021. Clinical characteristics and treatment regimen of pemphigus patients: a retrospective study. *J Gen Proced Dermatol Venereol Indones*, 5(2): 79-85.
- Chibesa, M.C., Guan, M., Li, S. 2024. Systemic Immune-Inflammation Index (SII) and Neutrophil-Lymphocyte Ratio (NLR) as systemic inflammatory predictors in the diagnosis of bullous pemphigoid and pemphigus vulgaris. *J Cosmet Dermatol Sci Appl*, 14(02): 211-225.
- Costan, V.V., Popa, C., Hâncu, M., Porumb-Andrese, E., Toader, M. 2021. Comprehensive review on the pathophysiology, clinical variants and management of pemphigus (review). *Exp Ther Med*, 22(5): 1269.
- Culton, D.A., Qian, Y., Li, N., Rubenstein, D., Aoki, V., Filho, G.H., Rivitti, E.A., Diaz, L.A. 2009. Advances in pemphigus and its endemic pemphigus foliaceus (Fogo Selvagem) phenotype: a paradigm of human autoimmunity. *J Autoimmun*, 32(1): 1-7.
- Didona, D., Maglie, R., Eming, R., Hertl, M. 2019. Pemphigus: current and future therapeutic strategies. *Front Immunol*, 10: 1430.
- Fang, H., Li, Q., Wang, G. 2020. The role of T cells in pemphigus vulgaris and bullous pemphigoid. *Autoimmun Rev*, 19(11): 102661.
- Fliti, A., Alaoui, M.E., Meziane, M., Ismaili, N., Benzekri, L., Senouci, K. 2024. Clinical and evolutionary characteristics of pemphigus by gender: comparative study of 330 cases. *Asian J Res Dermatol Sci*, 7(1): 19-23.

- Funakoshi, T., Lunardon, L., Ellebrecht, C., Nagler, A., O'Leary, C., Payne, A. 2012. Enrichment of total serum IgG4 in patients with pemphigus. *Br J Dermatol*, 167(6): 1245-1253.
- Furudate, S., Fujimura, T., Kambayashi, Y., Kakizaki, A., Aiba, S. 2014. Comparison of CD163+ CD206+ M2 macrophages in the lesional skin of bullous pemphigoid and pemphigus vulgaris: the possible pathogenesis of bullous pemphigoid. *Dermatology*, 229(4): 369-378.
- Geng, R.S.Q., Wilken, B., Sood, S., Sibbald, R.G., Sibbald, C. 2024. Biomarkers in pemphigus vulgaris: a systematic review. *J Cutan Med Surg*, 28(5): 495-507.
- Güner, M.E., Öztürk, P., Kuş, M.M. 2025. Evaluation of the effects of systemic therapy on inflammatory markers and disease severity in patients with pemphigus. *Dermatol Pract Concept*, 15(1): e2025001.
- Hadadi, F. El, Mezni, L., Senouci, K., Benzekri, L., Ismaili, N., Meziane, M. 2022. Epidemiology of pemphigus: a single center experience in Morocco. *Int J Dermatol Venereol*, 5(1): 20-26.
- Hayta, S.B., Güner, R., Akyol, M. 2017. Blood mean platelet volume may be predictive for disease course in the cases with pemphigus vulgaris. *Biomed Res (India)*, 28(9): 4223-4227.
- Hertl, M., Jedlickova, H., Karpati, S., Marinovic, B., Uzun, S., Yayli, S., Mimouni, D., Borradori, L., Feliciani, C., Ioannides, D., Joly, P., Kowalewski, C., Zambruno, G., Zillikens, D., Jonkman, M.F. 2015. Pemphigus. S2 Guideline for diagnosis and treatment - guided by the European Dermatology Forum (EDF) in cooperation with the European Academy of Dermatology and Venereology (EADV). *J Eur Acad Dermatol Venereol*, 29(3): 405-414.
- Hsu, D.Y., Brieva, J., Sinha, A.A., Langan, S.M., Silverberg, J.I. 2016. Comorbidities and inpatient mortality for pemphigus in the U.S.A. *Br J Dermatol*, 174(6): 1290-1298.
- Hübner, F., König, I.R., Holtsche, M.M., Zillikens, D., Linder, R., Schmidt, E. 2020. Prevalence and age distribution of pemphigus and pemphigoid diseases among paediatric patients in Germany. *J Eur Acad Dermatol Venereol*, 34(11): 2600-2605.
- Ingold, C.J., Sathe, N.C., Khan, M.A. 2025. Pemphigus vulgaris. [Updated 2024 Mar 1]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2025 Jan.
- James, K.A., Culton, D.A., Diaz, L.A. 2012. Diagnosis & clinical features of pemphigus foliaceus. *Dermatol Clin*, 29(3): 405-412.
- Jamora, M.J.J., Jiao, D., Bystry, J.C. 2003. Antibodies to desmoglein 1 and 3, and the clinical phenotype of pemphigus vulgaris. *J Am Acad Dermatol*, 48(6): 976-977.
- Jin, P.P., Li, X.M., Chen, J., Zhang, Z.R., Hu, W.W., Chen, L.Y., Feng, X.W., Shao, B. 2019. Platelet-to-neutrophil ratio is a prognostic marker for 90-days outcome in acute ischemic stroke. *J Clin Neurosci*, 63: 110-115.
- Joly, P., Litrowski, N. 2011. Pemphigus group (vulgaris, vegetans, foliaceus, herpetiformis, brasiliensis). *Clin Dermatol*, 29(4): 432-436.

- Kasperkiewicz, M., Ellebrecht, C.T., Takahashi, H., Yamagami, J., Zillikens, D., Payne, A.S., Amagai, M. 2017. Pemphigus. *Nat Rev Dis Primers*, 3: 17026.
- Kowalska-Kępczyńska, A., Mleczko, M., Domerecka, W., Krasowska, D., Donica, H. 2022. Assessment of immune cell activation in pemphigus. *Cells*, 11(12): 1941.
- Krain, R.L., Bax, C.E., Chakka, S., Ahmed, S., Feng, R., Payne, A.S., Werth, V.P. 2021. Establishing cut-off values for mild, moderate, and severe disease in pemphigus patients using the Pemphigus Disease Area Index. *Br J Dermatol*, 184(1): 139-148.
- Kridin, K. 2018. Pemphigus group: overview, epidemiology, mortality, and comorbidities. *Immunol Res*, 66(2): 255-270.
- Kridin, K., Shihade, W., Zelber-Sagi, S. 2018. Mean platelet volume in pemphigus vulgaris. *Angiology*, 69(4): 303-307.
- Kutwin, M., Kądziela, M., Stein, T., Kraska-Gacka, M., Woźniacka, A., Żebrowska, A. 2025. Senear–Usher syndrome or coexistence of SLE with pemphigus vulgaris—a case report with literature review. *J Clin Med*, 14(2): 409.
- Lepe, K., Yarrarapu, S.N.S., Zito, P.M. 2025. Pemphigus foliaceus. [Updated 2023 Aug 8]. In: *StatPearls* [Internet]. Treasure Island (FL): StatPearls Publishing; 2025 Jan.
- Lin, X., Li, X. 2023. Assessment of anti-desmoglein antibodies levels and other laboratory indexes as objective comprehensive indicators of patients with pemphigus vulgaris of different severity: a single-center retrospective study. *Clin Exp Med*, 23(2): 511-518.
- Liu, P., Li, P., Peng, Z., Xiang, Y., Xia, C., Wu, J., Yang, B., He, Z. 2020. Predictive value of the neutrophil-to-lymphocyte ratio, monocyte-to-lymphocyte ratio, platelet-to-neutrophil ratio, and neutrophil-to-monocyte ratio in lupus nephritis. *Lupus*, 29(9): 1031-1039.
- Lyakhovitsky, A., Dascalu, J., Drousiotis, T., Barzilai, A., Baum, S. 2021. Hematological inflammatory markers in patients with pemphigus vulgaris. *Dermatology*, 237(6): 912-920.
- Malik, A.M., Tupchong, S., Huang, S., Are, A., Hsu, S., Motaparathi, K. 2021. An updated review of pemphigus diseases. *Medicina (Kaunas)*, 57(10): 1080.
- Mangoni, A.A., Zinellu, A. 2024. The diagnostic role of the systemic inflammation index in patients with immunological diseases: a systematic review and meta-analysis. *Clin Exp Med*, 24(1): 88.
- Messersmith, L., Krauland, K. 2025. Pemphigus vegetans. [Updated 2023 Jun 26]. In: *StatPearls* [Internet]. Treasure Island (FL): StatPearls Publishing; 2025 Jan.
- Mortazavi, H., Saeidi, V., Balighi, K., Esmaili, N., Teimourpour, A., Daneshpazhooh, M., Hamzelou, S., Saffarian, Z., Fazli, J.T. 2023. Serologic biomarkers in pemphigus monitoring: C-reactive protein, macrophage migration inhibitory factor, and prolactin levels versus autoantibody assays. *Iran J Allergy Asthma Immunol*, 22(3): 312-318.

- Mozafari, N., Rakhshan, Z., Ghalamkarpour, F. 2023. Evaluation of neutrophil-to-lymphocyte ratio, platelet-to-lymphocyte ratio, and mean platelet volume in patients with pemphigus vulgaris. *Iran J Dermatol*, 26(3): 111-115.
- Murrell, D.F., Dick, S., Ahmed, A.R., Amagai, M., Barnadas, M.A., Borradori, L., Bystry, J.C., Cianchini, G., Diaz, L., Fivenson, D., Hall, R., Harman, K.E., Hashimoto, T., Hertl, M., Hunzelmann, N., Iranzo, P., Joly, P., Jonkman, M.F., Kitajima, Y., Korman, N.J., Martin, L.K., Mimouni, D., Pandya, A.G., Payne, A.S., Rubenstein, D., Shimizu, H., Sinha, A.A., Sirois, D., Zillikens, D., Werth, V.P. 2008. Consensus statement on definitions of disease, end points, and therapeutic response for pemphigus. *J Am Acad Dermatol*, 58(6): 1043-1046.
- Papara, C., Danescu, S., Rogojan, L., Leucuta, D.C., Candrea, E., Zillikens, D., Baican, A. 2023. Lymphocyte-predominant lesional inflammatory infiltrates of the skin are associated with mucosal-dominant phenotype in pemphigus. *J Cutan Pathol*, 50(8): 754-762.
- Pollmann, R., Schmidt, T., Eming, R., Hertl, M. 2018. Pemphigus: a comprehensive review on pathogenesis, clinical presentation and novel therapeutic approaches. *Clin Rev Allergy Immunol*, 54(1): 1-25.
- Popescu, I., Statescu, L., Vata, D., Andrese, E., Patrascu, A., Grajdeanu, I.A., Solovastru, L. 2019. Pemphigus vulgaris - approach and management (review). *Exp Ther Med*, 18(6): 5056-5060.
- Rai, P. 2023. Role of neutrophil-to-lymphocyte, neutrophil-to-eosinophil and platelet-to-lymphocyte ratios in the diagnosis of bullous pemphigoid and pemphigus disease. *Indian J Pathol Microbiol*. 2023 Jan-Mar;66(1):70-74.
- Rosenbach, M., Murrell, D.F., Bystry, J.C., Dulay, S., Dick, S., Fakharzadeh, S., Hall, R., Korman, N.J., Lin, J., Okawa, J., Pandya, A.G., Payne, A.S., Rose, M., Rubenstein, D., Woodley, D., Vittorio, C., Werth, B.B., Williams, E.A., Taylor, L., Troxel, A.B., Werth, V.P. 2009. Reliability and convergent validity of two outcome instruments for pemphigus. *J Invest Dermatol*, 129(10): 2404-2410.
- Ruocco, V., Ruocco, E., Lo Schiavo, A., Brunetti, G., Guerrera, L.P., Wolf, R. 2013. Pemphigus: etiology, pathogenesis, and inducing or triggering factors: facts and controversies. *Clin Dermatol*, 31(4): 374-381.
- Schmidt, E., Dähnrich, C., Rosemann, A., Probst, C., Komorowski, L., Saschenbrecker, S., Schlumberger, W., Stöcker, W., Hashimoto, T., Bröcker, E.B., Recke, A., Rose, C., Zillikens, D. 2010. Novel ELISA systems for antibodies to desmoglein 1 and 3: correlation of disease activity with serum autoantibody levels in individual pemphigus patients. *Exp Dermatol*, 19(5): 458-463.
- Sun, C., Li, X., Qian, H., Liang, G., Xiang, R., Zhao, C., Li, Z., Li, S., Jing, K., Wang, Y., Zhang, H., Feng, S. 2023. Neutrophil-to-lymphocyte ratio and platelet-to-lymphocyte ratio are positively correlated with disease activity of bullous pemphigoid. *Arch Dermatol Res*, 315(8): 2383-2391.
- Tallab, T., Joharji, H., Bahamdan, K., Karkashan, E., Mourad, M., Ibrahim, K. 2001. The incidence of pemphigus in the southern region of Saudi Arabia. *Int J Dermatol*, 40(9): 570-572.

- Tampoia, M., Giavarina, D., Di Giorgio, C., Bizzaro, N. 2012. Diagnostic accuracy of enzyme-linked immunosorbent assays (ELISA) to detect anti-skin autoantibodies in autoimmune blistering skin diseases: a systematic review and meta-analysis. *Autoimmun Rev*, 12(2): 121-126.
- Tarakji, B. 2021. Pemphigus vulgaris in old patient. *Case Rep Dent*, 2021: 5543167.
- Tseng, H., Stone, C., Murrell, D.F. 2024. Scoring criteria for autoimmune bullous diseases: utility, merits, and demerits. *Indian Dermatol Online J*, 15(5): 732-738.
- Van Beek, N., Zillikens, D., Schmidt, E. 2021. Autoimmune bullous dermatoses. *Dtsch Arztebl Int*, 118(24): 413–420.
- Vodo, D., Sarig, O., Sprecher, E. 2018. The genetics of pemphigus vulgaris. *Front Med (Lausanne)*, 5: 226.
- Wardhana, M., Rusyati. 2013. Prevalence and quality of life of pemphigus patients at Sanglah General Hospital Bali-Indonesia. *Bali Med J*, 2(1): 42-45.
- Wieczorek, M., Czernik, A. 2016. Paraneoplastic pemphigus: a short review. *Clin Cosmet Investig Dermatol*, 9: 291-295.
- Yong, A.A., Tey, H.L. 2013. Paraneoplastic pemphigus. *Australas J Dermatol*, 54(4): 241-250.
- Yuan, H., Zhou, S., Liu, Z., Cong, W., Fei, X., Zeng, W., Zhu, H., Xu, R., Wang, Y., Zheng, J., Pan, M. 2017. Pivotal role of lesional and perilesional T/B lymphocytes in pemphigus pathogenesis. *J Invest Dermatol*, 137(11): 2362-2370.
- Żebrowska, A., Woźniacka, A., Juczyńska, K., Ociepa, K., Waszczykowska, E., Szymczak, I., Pawliczak, R. 2017. Correlation between IL36 α and IL17 and activity of the disease in selected autoimmune blistering diseases. *Mediators Inflamm*, 2017: 8980534.
- Zhao, X., Li, J., Li, X. 2024. Association between systemic immune-inflammation index and psoriasis: a population-based study. *Front Immunol*, 15: 1369324.