UNIVERSITAS
GADJAH MADA
Uji Banding Hasil Uji Tempel Antara Alergen Standar Merek Patch GenÂ® Dengan Merek ChemotechniqueÂ®
Amelia Pungky, Dr. dr. Niken Indrastuti, Sp.D.V.E., Subsp.D.A.I ; dr. Fajar Waskito, Sp.D.V.E., Subsp.D.A.I., M.Kes
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

DAFTAR PUSTAKA

Aerts, O., Rustemeyer, T., Wilkinson, M. 2020. Comments on various baseline series for patch testing. In: Johansen, J.D., Mahler, V., Lepoittevin, J.-P., Frosch, P.J., editors. *Contact Dermatitis*. Springer International Publishing, Cham, pp. 1-15.

Alinaghi, F., Bennike, N.H., Egeberg, A., Thyssen, J.P., Johansen, J.D. 2019. Prevalence of contact allergy in the general population: a systematic review and meta-analysis. *Contact Dermatitis*, 80: 77-85.

Andersen, K.E., Paulsen, E. 2009. Concordance of patch test results with four new TRUE Test allergens compared with the same allergens from Chemotechnique. *Contact Dermatitis*, 60(1): 59.

Azeem, M., Kader, H., Kerstan, A., Hetta, H.F., Serfling, E., Goebeler, M., Muhammad, K. 2020. Intricate relationship between adaptive and innate immune system in allergic contact dermatitis. *Yale Journal of Biology and Medicine*, 93(5): 699-709.

Bauer, A., Pesonen, M., Brans, R., Caroppo, F., Dickel, H., Dugonik, A., Larese Filon, F., Geier, J., Giménez-Arnau, A.M., Napolitano, M., Patruno, C., Rustemeyer, T., Simon, D., Schuttelaar, M.L.A., Spiewak, R., Stingeni, L., Vok, M., Weisshaar, E., Wilkinson, M., Valiukeviciene, S., Uter, W. 2023. Occupational contact allergy: the European perspective—analysis of patch test data from ESSCA between 2011 and 2020. *Contact Dermatitis*, 88(4): 263-274.

Belkahla, A., Hsinet, J., Baraketi, E., Ismail, S., Bechrifa, E., Ben Fatma, N., Khouja, N., Benzarti, A. 2024. P-007 allergic contact dermatitis to rubber additives. *Occupational Medicine*, 74(Suppl. 1): 0.

Bilgic, A., Bozca, B.C., Subası, G.Y., Dicle, Ö., Uzun, S., Yılmaz, E., Akman-Karakaş, A. 2022. Standard patch test results and clinical relevance: a cross-sectional study of 10-year retrospective experience. *Indian Journal of Dermatology*, 67(3): 258-264.

Boyvat, A., Kalay Yıldızhan, I. 2021. Patch test results of the European baseline series among 1309 patients in Turkey between 2013 and 2019. *Contact Dermatitis*, 84: 15-23.

Bruze, M. 2016. Thoughts on how to improve the quality of multicentre patch test studies. *Contact Dermatitis*, 74: 168-174.

Bruze, M., Isaksson, M., Edman, B., Fregert, S. 1995. A study on expert reading of patch test reactions: inter-individual accordance. *Contact Dermatitis*, 32(6): 331-337.

Brys, A.K., Rodriguez-Homs, L.G., Suwanpradid, J., Atwater, A.R., MacLeod, A.S. 2020. Shifting paradigms in allergic contact dermatitis: the role of innate immunity. *Journal of Investigative Dermatology*, 140: 21-28.

Buderer, N.M.F. 1996. Statistical methodology: I. Incorporating the prevalence of disease into the sample size calculation for sensitivity and specificity. *Academic Emergency Medicine*, 3: 895-900.

UNIVERSITAS
GADJAH MADA
Uji Banding Hasil Uji Tempel Antara Alergen Standar Merek Patch GenÂ® Dengan Merek ChemotechniqueÂ®
Amelia Pungky, Dr. dr. Niken Indrastuti, Sp.D.V.E., Subsp.D.A.I ; dr. Fajar Waskito, Sp.D.V.E., Subsp.D.A.I., M.Kes
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Bueno, A.L.A., Aguzzoli, N.H.G., Bonamigo, R.R. 2025. Prevalence of reactive allergens in contact patch testing studies using the Brazilian standard battery: a systematic review. *Anais Brasileiros de Dermatologia*, 100: 501126.

Chemotechnique MB Diagnostics AB. 2025. *Patch Test Products and Reference Manual*. Chemotechnique MB Diagnostics AB, Vellinge.

Choi, Y.J., Byun, J.Y., Choi, Y.W., Roh, J.Y., Choi, H.Y. 2023. Analysis of positive patch test allergens in allergic contact dermatitis patients with atopic dermatitis. *Annals of Dermatology*, 35(4): 303-312.

Daftary, K., Scheman, A., Bai, H., Ghafari, G., Liszewski, W. 2023. Rate of patch testing induced anaphylaxis. *Dermatitis*, 34: 33-35.

DeLeo, V.A., Alexis, A., Warshaw, E.M., Sasseville, D., Maibach, H.I., DeKoven, J., Zug, K.A., Belsito, D.V., Fowler, J.F. Jr., Marks, J.G., Mathias, C.G.T., Pratt, M.D., Rietschel, R.L., Storrs, F.J., Taylor, J.S., Zirwas, M. 2016. The association of race/ethnicity and patch test results: North American Contact Dermatitis Group, 1998-2006. *Dermatitis*, 27(5): 288-292.

Dickel, H., Bauer, A., Brehler, R., Mahler, V., Merk, H.F., Neustädter, I., Strömer, K., Werfel, T., Worm, M., Geier, J. 2022. German S1 guideline: contact dermatitis. *JDDG: Journal der Deutschen Dermatologischen Gesellschaft*, 20(5): 712-734.

Erkoç, M., Erhan, Ç., Çevirme, L., Özden, G. 2026. Analysis of European baseline series patch test results in adult patients in Adana Province, Turkey: single-center experience. *Dermatitis*, 37: 68-74.

Faulina, B.A., Damayanti, Prabowo, G.I., Widia, Y., Prakoeswa, C.R.S. 2024. Profile of contact dermatitis in the inpatient department of Dr. Soetomo General Hospital Surabaya. *Magna Scientia Advanced Research and Reviews*, 12: 172-181.

Ferrari, C., Somma, G., Giovinazzo, V., Iarossi, M., Treglia, M., Pallocci, M., Di Giampaolo, L., Magrini, A., Coppeta, L. 2025. The influence of occupational factors on contact dermatitis in symptomatic healthcare workers: a patch test study. *Diseases*, 13(3): 77.

Fischer, L.A., Menné, T., Voelund, A., Johansen, J.D. 2011. Can exposure limitations for well-known contact allergens be simplified? An analysis of dose-response patch test data. *Contact Dermatitis*, 64: 337-342.

Fonacier, L. 2015. A practical guide to patch testing. *The Journal of Allergy and Clinical Immunology: In Practice*, 3: 669-675.

Fonacier, L., Frankel, D., Mawhirt, S. 2022. Contact allergens for the allergist. *Annals of Allergy, Asthma & Immunology*, 128: 629-644.

Forkel, S., Schubert, S., Dickel, H., Gina, M., Schröder-Kraft, C., Vieluf, D., Brans, R., Kreft, B., Wurpts, G., Geier, J., Buhl, T. 2022. The benefit of late readings in patch testing depends both on allergen and patient characteristics. *Allergy*, 77(5): 1477-1485.

Friedmann, P.S. 2007. The relationships between exposure dose and response in induction and elicitation of contact hypersensitivity in humans. *British Journal of Dermatology*, 157: 1093-1102.

UNIVERSITAS
GADJAH MADA
Uji Banding Hasil Uji Tempel Antara Alergen Standar Merek Patch GenÂ® Dengan Merek ChemotechniqueÂ®
Amelia Pungky, Dr. dr. Niken Indrastuti, Sp.D.V.E., Subsp.D.A.I ; dr. Fajar Waskito, Sp.D.V.E., Subsp.D.A.I., M.Kes
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Fuller, J., Palmer, A., Nixon, R. 2024. An update on the performance of the Australian Baseline Series in detecting allergic contact dermatitis. *Contact Dermatitis*, 91: 526-527.

Garg, V., Brod, B., Gaspari, A.A. 2021. Patch testing: uses, systems, risks/benefits, and its role in managing the patient with contact dermatitis. *Clinics in Dermatology*, 39: 580-590.

Ginting, E., Damayanti, D., Fetarayani, D., Hidayati, A.N. 2021. Contact dermatitis in tertiary hospital: a 2-year retrospective study. *Berkala Ilmu Kesehatan Kulit dan Kelamin*, 33(2): 88-92.

Habibzadeh, F. 2025. Diagnostic tests performance indices: an overview. *Biochemia Medica*, 35(1): 010101.

He, Z., Zhang, Q., Song, M., Tan, X. dan Wang, W. 2025. Four overlooked errors in ROC analysis: how to prevent and avoid. *BMJ Evidence-Based Medicine*, 30: 208–211.

Hernández Fernández, C.P., Borrego, L., Giménez Arnau, A.M., Zaragoza Ninet, V., Sanz Sánchez, T., Miquel Miquel, F.J., Silvestre Salvador, J.F., Aguilera Peiró, J., Sánchez Pérez, J., Mercader García, P., Rodríguez Serna, M., Serra Baldrich, E., Pastor Nieto, M.A., Hervella Garcés, M., Córdoba Guijarro, S., González Pérez, R., García Abujeta, J.L., García-Bravo, B., Pérez Ferriols, A., Giménez-Arnau, A.M. 2024. Sensitization to textile dyes in Spain: epidemiological situation (2019-2022). *Contact Dermatitis*, 90(5): 486-494.

Hosmer, D.W., Lemeshow, S. dan Sturdivant, R.X. 2013. *Applied Logistic Regression*. Edisi ke-3. John Wiley & Sons.

Indrastuti, N., Waskito, F., Budiyanto, A. 2006. Patch test experience of five local standard allergens: a preliminary study. Paper presented at the 17th Regional Conference of Dermatology, Bali, Indonesia.

Isaksson, M., Möller, H., Bruze, M. 2012. The reliability of visual scoring of patch test reactions revisited. *Contact Dermatitis*, 66(3): 163.

Isaksson, M., Ale, I., Andersen, K.E., Cannavó, A., Diepgen, T.L., Elsner, P., Goh, C.L., Gonçalo, M., Goossens, A., Ljubojevic Hadzavdic, S., Jerajani, H., Lachapelle, J.M., Lee, J.Y., Maibach, H.I., Matsunaga, K., McFadden, J., Nixon, R., Pratt, M., Puangpet, P., Sasseville, D., Verma, K., Bruze, M. 2020. Revised baseline series of the International Contact Research Group. *Dermatitis*, 31(1): E5-E7.

Isufi, D., Kursawe Larsen, C., Jensen, M.B., Karimian, K., Zachariae, C., Schwensen, J.F.B., Alinaghi, F., Johansen, J.D. 2025. Prevalence of contact allergy to rubber accelerators from the European baseline series in dermatitis patients: a systematic review and meta-analysis. *Contact Dermatitis*, 93(6): 439-463.

Johansen, J.D., Bonefeld, C.M., Schwensen, J.F.B., Thyssen, J.P., Uter, W. 2022. Novel insights into contact dermatitis. *Journal of Allergy and Clinical Immunology*, 149: 1162-1171.

Kersh, A.E., Helms, S., De La Feld, S. 2018. Glove-related allergic contact dermatitis. *Dermatitis*, 29: 13-21.

UNIVERSITAS
GADJAH MADA
Uji Banding Hasil Uji Tempel Antara Alergen Standar Merek Patch GenÂ® Dengan Merek ChemotechniqueÂ®
Amelia Pungky, Dr. dr. Niken Indrastuti, Sp.D.V.E., Subsp.D.A.I ; dr. Fajar Waskito, Sp.D.V.E., Subsp.D.A.I., M.Kes
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Korkmaz, P., Boyvat, A. 2019. Effect of patch testing on the course of allergic contact dermatitis and prognostic factors that influence outcomes. *Dermatitis*, 30: 135-141.

KSM Kulit dan Kelamin RSUP Dr. Sardjito. 2024. *Prevalensi Kasus Dermatitis Kontak Alergi*. Laporan internal tidak diterbitkan, RSUP Dr. Sardjito, Yogyakarta.

Lachapelle, J.M. 1997. Proposal for a revised international standard series of patch tests. *Contact Dermatitis*, 36: 121-123.

Lachapelle, J.M., Maibach, H.I. 2012. *Patch Testing and Prick Testing: A Practical Guide, Official Publication of the ICDRG*. 3rd ed., Springer-Verlag, Berlin Heidelberg.

Lazarov, A., David, M., Abraham, D., Trattner, A. 2007. Comparison of reactivity to allergens using the TRUE Test and IQ chamber system. *Contact Dermatitis*, 56: 140-145.

Lazzarini, R., Duarte, I., Ferreira, A.L. 2013. Patch tests. *Anais Brasileiros de Dermatologia*, 88: 879-888.

Li, B., Cheng, Y., Tan, Y., Wang, F., Hu, W., Wang, X., Liu, W., Krutmann, J., Wang, S., Zou, Y. 2022. Analysis of factors influencing patch test reactions: results from a large population-based study in Chinese. *Journal of Cosmetic Dermatology*, 21(5): 2183-2188.

Lin, S.-H., Chao, Y.-C. 2025. Clinical characteristics and patch test results in 57 patients with contact dermatitis in Southern Taiwan. *Journal of Clinical Medicine*, 14: 2291.

Mekonnen, T.H., Yenealem, D.G., Tolosa, B.M. 2019. Self-report occupational-related contact dermatitis: prevalence and risk factors among healthcare workers in Gondar Town, Northwest Ethiopia, 2018—a cross-sectional study. *Environmental Health and Preventive Medicine*, 24: 11.

Minus, E., Coley, R.Y., Shortreed, S.M. dan Williamson, B.D. 2026. Behavior of prediction performance metrics with rare events. *Journal of Clinical Epidemiology*, 189: 112046.

Monti, C.B., Ambrogi, F. dan Sardanelli, F. 2024. Sample size calculation for data reliability and diagnostic performance: a go-to review. *European Radiology Experimental*, 8: 79.

Mora-Fernández, V., Mercader García, P., Borrego Hernando, L., González Pérez, R., Córdoba Guijarro, S., Giménez Arnau, A.M., Zaragoza Ninet, V., Silvestre Salvador, J.F., Aguilera Peiró, J., Sánchez Pérez, J., Rodríguez Serna, M., Serra Baldrich, E., Pastor Nieto, M.A., Hervella Garcés, M., García Abujeta, J.L., García-Bravo, B., Pérez Ferriols, A., Miquel Miquel, F.J., Sanz Sánchez, T., Hernández Fernández, C.P. 2022. [Translated article] Epidemiological, clinical, and allergy profile of patients with atopic dermatitis and hand eczema: evaluation of the Spanish Contact Dermatitis Registry (REIDAC). *Actas Dermo-Sifiliográficas*, 113(3): T236-T243.

Oktaviani, T., Widhiati, S., Kariosentono, H., Irawanto, M.E., Oktavriana, T. 2024. Allergens causing allergic contact dermatitis in cosmetic products: a systematic review. *SKIN The Journal of Cutaneous Medicine*, 8: 1908-1919.

UNIVERSITAS
GADJAH MADA
Uji Banding Hasil Uji Tempel Antara Alergen Standar Merek Patch GenÂ® Dengan Merek ChemotechniqueÂ®
Amelia Pungky, Dr. dr. Niken Indrastuti, Sp.D.V.E., Subsp.D.A.I ; dr. Fajar Waskito, Sp.D.V.E., Subsp.D.A.I., M.Kes
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Piapan, L., Belloni Fortina, A., Giulioni, E., Larese Filon, F. 2024. Sensitization to ethylenediamine dihydrochloride in patients with contact dermatitis in northeastern Italy from 1996 to 2021. *Contact Dermatitis*, 90: 253-261.

Power, M., Fell, G., Wright, M. 2013. Principles for high-quality, high-value testing. *Evidence-Based Medicine*, 18: 5-10.

Reeder, M., Reck Atwater, A., Tosti, A. 2020. Patch testing 101, part 1: performing the test. *Cutis*, 106(4): 165-167.

Rietschel, R.L., Fowler, J.F. 2008. *Fisher's Contact Dermatitis*. 6th ed., BC Decker Inc., Hamilton.

Riley, R.D., Archer, L., Snell, K.I.E., Ensor, J., Dhiman, P., Martin, G.P., *et al.* 2024. Evaluation of clinical prediction models (part 2): how to undertake an external validation study. *BMJ*, 384: e074820.

Sahu, S., Sethy, M., Besra, L., Sachan, S., Kar, H.K., Devi, B.K. 2022. Clinico-epidemiological profile of allergic contact dermatitis and its correlation with patch testing in a tertiary care center in Eastern India. *Cureus*, 14(12): e32119.

Sánchez, J., Álvarez, L., Diez, S., Miquel-Miquel, J., Velásquez, M. 2025. Diagnostic accuracy of patch testing based on clinical response to contact allergen restrictions in allergic contact dermatitis. *European Annals of Allergy and Clinical Immunology*, 57(3): 107-114.

Sanz-Correa, J., Sanz-Sanchez, T., Díaz-Díaz, R.M. 2024. Concordance of different sources for nickel sulphate patch testing. *Contact Dermatitis*, 91: 441-442.

Sari, A.R.P., Febriana, S.A., Waskito, F., Soebono, H., Indrastuti, N. 2023. Characteristics of patch test patients in Yogyakarta, Indonesia, 2011-2020 study period. *Journal of Pakistan Association of Dermatologists*, 33(1): 30-36.

Schena, D., Papagrigoraki, A., Girolomoni, G. 2008. Sensitizing potential of triclosan and triclosan-based skin care products in patients with chronic eczema. *Dermatologic Therapy*, 21(Suppl. 2): S35-S38.

Seine, A.J., Baird, E.A., Chan, L., Davis, A., Greig, D., Judd, L.E., Mahon, C., Oakley, A., Rademaker, M., Reiche, L., Stanway, A.D., Cheng, H.S. 2021. A baseline patch test series for New Zealand. *Australasian Journal of Dermatology*, 62(4): 489-495.

Silva Belluco, P.E., Giavina-Bianchi, P., Zabulon Feijó Belluco, R., Carvalho Garbi Novaes, M.R., Matos Santiago Reis, C. 2023. Prospective study of consecutive patch testing in patients with contact dermatitis using an adapted Latin American baseline series. *European Annals of Allergy and Clinical Immunology*, 55(5): 235-242.

Silverberg, J.I., Patel, N., Warshaw, E.M., DeKoven, J.G., Belsito, D.V., Atwater, A.R., Reeder, M.J., Taylor, J.S., Zug, K.A., Pratt, M.D., Sasseville, D., Fowler, J.F. Jr., DeLeo, V.A. 2024. Patch testing with nickel, cobalt, and chromium in patients with suspected allergic contact dermatitis. *Dermatitis*, 35(2): 152-159.

Thevenet, F., Rossignol, G., Angulo-Milhem, S., Nicolas, M., Verriele, M. 2026. Formaldehyde releasers in cleaning products: mapping an indoor issue. *Journal of Hazardous Materials*, 504: 141393.

UNIVERSITAS
GADJAH MADA
Uji Banding Hasil Uji Tempel Antara Alergen Standar Merek Patch GenÂ® Dengan Merek ChemotechniqueÂ®
Amelia Pungky, Dr. dr. Niken Indrastuti, Sp.D.V.E., Subsp.D.A.I ; dr. Fajar Waskito, Sp.D.V.E., Subsp.D.A.I., M.Kes
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Thyssen, J.P., Engkilde, K., Menné, T., Johansen, J.D. 2011. Prevalence of benzocaine and lidocaine patch test sensitivity in Denmark: temporal trends and relevance. *Contact Dermatitis*, 65: 76-80.

Tous-Romero, F., Ortiz Romero, P.L., Ortiz de Frutos, J. 2021. Usefulness of patch testing with patient's own products in the diagnosis of allergic contact dermatitis. *Dermatitis*, 32(1): 38-41.

Tramontana, M., Hansel, K., Bianchi, L., Sensini, C., Malatesta, N., Stingeni, L. 2023. Advancing the understanding of allergic contact dermatitis: from pathophysiology to novel therapeutic approaches. *Frontiers in Medicine*, 10: 1184289.

Turrentine, J.E., Sheehan, M.P., Cruz, P.D. Jr. 2019. Allergic contact dermatitis. In: Kang, S., Amagai, M., Bruckner, A.L., Enk, A.H., Margolis, D.J., McMichael, A.J., Orringer, J.S., editors. *Fitzpatrick's Dermatology*. 9th ed., McGraw-Hill Education, New York, pp. 395-413.

Uter, W., Wilkinson, S.M., Aerts, O., Bauer, A., Borrego, L., Brans, R., Buhl, T., Dickel, H., Dugonik, A., Larese Filon, F., Mercader García, P., Giménez-Arnau, A.M., Patruno, C., Pesonen, M., Pónyai, G., Rustemeyer, T., Schubert, S., Simon, D., Spiewak, R., Stingeni, L., Valiukeviciene, S., Weisshaar, E., Schuttelaar, M.L.A. 2022. Patch test results with the European baseline series, 2019/20—joint European results of the ESSCA and the EBS working groups of the ESCD, and the GEIDAC. *Contact Dermatitis*, 87(4): 343-355.

Verma, K.K., Saginatham, H., Sethuraman, G., Bhari, N., Kalaivani, M. 2020. Increase in concentration of patch test allergen reduces patch test occlusion time to 12 hours without affecting patch test reactivity in patients with parthenium dermatitis. *Contact Dermatitis*, 83: 292-295.

Warshaw, E.M., Nelsen, D.D., Maibach, H.I., Marks, J.G., Zug, K.A., Taylor, J.S., Rietschel, R.L., Fowler, J.F., Mathias, C.G.T., Pratt, M.D., Sasseville, D., Storrs, F.J., Belsito, D.V., DeLeo, V.A. 2009. Positive patch test reactions to lanolin: cross-sectional data from the North American Contact Dermatitis Group, 1994 to 2006. *Dermatitis*, 20(2): 79-88.

Warshaw, E.M., Xiong, M., Belsito, D.V., Adler, B.L., Atwater, A.R., DeKoven, J.G., Taylor, J.S., Reeder, M.J., Houle, M.C., Silverberg, J.I., Pratt, M.D., Dunnick, C.A., Botto, N., DeLeo, V.A., Mowad, C.M., Maibach, H.I., Yu, J., Fowler, J.F. Jr. 2023. Patch testing with benzophenone-3 and -4: the North American Contact Dermatitis Group experience, 2013-2020. *Dermatitis*, 34(2): 105-112.

Waskito, F., Indrastuti, N., Febriana, S.A. 2020. *Solusi Penyediaan Alat Diagnostik Uji Tempel di Indonesia*. Laporan penelitian tidak diterbitkan, Universitas Gadjah Mada, Yogyakarta.

Watts, T.J., Watts, S., Thursfield, D., Haque, R. 2019. A patch testing initiative for the investigation of allergic contact dermatitis in a UK allergy practice: a retrospective study. *The Journal of Allergy and Clinical Immunology: In Practice*, 7: 89-95.

Wilkinson, M., Gallo, R., Goossens, A., Johansen, J.D., Rustemeyer, T., Sánchez-Pérez, J., Schuttelaar, M.L.A., Uter, W. 2018. A proposal to create an

UNIVERSITAS
GADJAH MADA
Uji Banding Hasil Uji Tempel Antara Alergen Standar Merek Patch GenÂ® Dengan Merek ChemotechniqueÂ®
Amelia Pungky, Dr. dr. Niken Indrastuti, Sp.D.V.E., Subsp.D.A.I ; dr. Fajar Waskito, Sp.D.V.E.,ʹSubsp.D.A.I., M.Kes
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

extension to the European baseline series. *Contact Dermatitis*, 78(2): 101-108.

Wilkinson, M., Gonçalo, M., Aerts, O., Badulici, S., Bennike, N.H., Bruynzeel, D., Dickel, H., Garcia-Abujeta, J.L., Giménez-Arnau, A.M., Hamman, C., Isaksson, M., Johansen, J.D., Mahler, V., Niklasson, B., Orton, D., Pigatto, P., Pónyai, G., Rustemeyer, T., Schuttelaar, M.L.A., Spiewak, R., Thyssen, J.P., Uter, W. 2019. The European baseline series and recommended additions: 2019. *Contact Dermatitis*, 80(1): 1-4.

Woodruff, C.M., Botto, N. 2022. The role of patch testing in evaluating delayed hypersensitivity reactions to medications. *Clinical Reviews in Allergy & Immunology*, 62: 548-561.

Wu, P.A. 2020. The importance of education when patch testing. *Dermatologic Clinics*, 38: 351-360.

Young, E., Andersen, K.E., Bruze, M., Giménez-Arnau, A., Ross-Hansen, K., Johansen, J.D., Madsen, J.T., Zimerson, E., Svedman, C. 2019. Twenty-eight-day follow-up of patch test reactions to p-phenylenediamine and p-phenylenediamine dihydrochloride: a multicentre study on behalf of the European Environmental and Contact Dermatitis Research Group. *Contact Dermatitis*, 81(1): 1-8.

Zawawi, S., Yang, Y.W., Cantwell, H.M., Drage, L.A., Youssef, M.J., Yiannias, J.A., Davis, M.D.P., Hall, M.R. 2023. Trends in patch testing with the Mayo Clinic Standard Series, 2017-2021. *Dermatitis*, 34(6): 405-412.

Zimmer, J., Neimanis, S., Schmidt, S., Schubert, S., Mahler, V. 2025. Patch test preparations: basis and state-of-the-art modern diagnostic tools for contact allergy. *Journal of Clinical Medicine*, 14: 7521.

Zou, Y., Li, L.-F. 2020. The Chinese baseline series. In: Johansen, J.D., Mahler, V., Lepoittevin, J.-P., Frosch, P.J., editors. *Contact Dermatitis*. Springer International Publishing, Cham, pp. 717-743.