

DAFTAR PUSTAKA

- Adachi, A., Horikawa, T., Takashima, T., Ichihashi, M. 2000. Mercury-induced nummular dermatitis. *J Am Acad Dermatol.* 43:383-385.
- Antonio, R., Cristina, A.M., Maria, A., Marinella, V., Rosa, P., Vecchioli, S.A. 2002. Effective prophylactic protocol in delayed hypersensitivity to contrast media: report of a case involving lymphocyte transformation studies with different compounds. *Radiology.* 225: 446-470.
- Akaishi S., Ogawa R., Hyakusoku H. 2008. Keloid and hypertrophic scar: neurogenic inflammation hypothesis. *Medical Hypothesis.* 71: 32-38.
- Abbas, A.K. dan Lichtman Andrew, H. 2009. *Basic Immunology: Functions and disorders of the Immune System.* 3thed. Philadelphia: Saunders Elsevier.
- Aich, P., Potter, A.A., Gabriel, P.J. 2009. Modern approach to understanding stress and disease susceptibility: a review with special emphasis on respiratory disease. *Int J Genet Med.* 2: 19-32.
- Bendl, B.J. 1979. Nummular eczema of stasis origin: the backbone of a morphologic pattern of diverse etiology. *Int J Dermatol.* 18:129-135.
- Borg, L., Christensen, J.M., Kristiansen, J., Nielsen, N.H., Menne, T., Poulsen, L.K. 2000. Nickel-induced cytokine production from mononuclear cell in nickel-sensitive individuals and controls. *Arch Dermatol.* 292: 285-291.
- Budinger, L., Hertel, M. 2000. Immunological mechanisms in hypersensitivity reactions to logamions: an overview: the skin as target for IgE-mediated allergic reactions. *Allergy.* 55:108-115.
- Burton, J.L. 2004. Eczema, lichenification, prurigo and erythroderma. Dalam: Burns, T., Breathnach, S., Cox, N., Griffith, C.(eds.). *Rook's textbook of Dermatology.* 7th ed. vol.1. pp.537-557. Massachusset USA: Blackwell Science.
- Bajaj, A.K., Saraswat, A., Mukhija, G., Rastogi, S., Yadav, S. 2007. Patch testing experience with 1000 patients. *Indian J Dermatol Venereal Leprol.* 73:313-318.
- Belsito, D.V. 2008. Contact dermatitis: allergic and irritant. Dalam: Gaspari, A.A. dan Tyring, S.K. (eds.). *Clinical and Basic Immunodermatology.* 5thed. pp.171-192. USA: Springer.
- Burgin, S. 2008. Nummular eczema and lichen simplex chronicus/ prurigo nodularis. Dalam :Klaus, W., Lowell, A.G., Stephen, I.K., Baarbara, A.G.,

- Amy, S.P., David, J.L. (eds.). *Fitzpatrick's Dermatology in General Medicine*. 7thed. vol.1. pp.158-162. Sydney: McGraw Hill Medical.
- Brydon, L., Walker, C., Wawrzyniak, A.J., Chart, H., Steptoe, A. 2009. Dispositional optimism & stress-induced changes in immunity & negative mood. *Brain Behav Immun*. 23(6): 810-816.
- Baumann, L. 2009. Dry Skin. Dalam: Baumann, L., Sogol, S., Edmund, W.(eds.). *Cosmetic Dermatology, Principle and Practice*. 2nd ed. pp.83-93. London: McGrawHill Medical.
- Brooks, G.F., Carroll, K.C., Butel, J.S., Morse, S.A., Mietzner, T.A. 2010. *Jawetz, Melnick & Adelberg's Medical Microbiology*. 25thed. International Edition. London : McGrawHill Lange
- Basavaraj, K.H., Navya, M.A., Rashmi, R. 2010. Relevance of psychiatric in dermatology: Present concepts. *Indian J Psychiatry*. 52(3):270-275.
- Bonomonte, D., Foti, C., Vestita, M., Ranieri, L.D., Angeini, G. 2012. Nummular Eczema and Contact Allergy: A Retrospective Study. *Dermatitis*. 23 (4): 153-158.
- Bordignon, V., Palamara, F., Altomonte, G., Sperduti, I., Pietravalle, M., Cavallotti, C., Cordiali-Fei, P., Fuggetta, M.P, Cristaudo, A., Ensoli, F. 2015. A laboratory test based on determination of cytokine profiles: a promising assay to identify exposition to contact allergen and predict the clinical outcome in occupational contact dermatitis. *BMC Immunol*. 1-8.
- Badan Metereologi, Klimatologi dan Geofisika (BMKG), Daerah Istimewa Yogyakarta, 2016.
- Clark, R.A.F., Hopkins, T.T. 1992. The other eczemas. Dalam: Moschella dan Hurley(eds.). *Dermatology*. 3thed. vol.1.pp.465-484. London: Saunders.
- Cederbrant, K., Anderson, C., Andersson, T., Marchuson-Stahl, M., Hultman, P. 2003. Cytokine Production, Lymphocyte proliferation and T-Cell Receptor V Expression in Primary Peripheral Blood Mononuclear Cell culture from Nickel- allergic Individuals. *Int Arch Allergy Immunol*; 132: 373-379.
- Choi, E.H., Brown, B.E., Crumrine, D. 2005. Mechanisms by which psychologic stress alters cutaneous permeability barrier homeostasis and stratum corneum integrity. *J Invest Dermatol*. 124:587.
- Clarys, P., Clijnsen, R., Taeymans, J., Barel, A. 2011. Hydration measurements of the stratum corneum: comparison between the capacitance method (digital version of the Corneometer CM 825®) and the impedance method (Skicon-200EX®). *Skin Res Technol*. 1-8.

- Cheng, T., Tseng, Y., Sun, C., Chu, C. 2008. Contact sensitization to logams in Taiwan. *Contact Dermatitis*. 59: 353-560.
- Corazza, M., Borghi, A., Mantovani, L., Virgili, A. 2011. Analysis of patch test referrals: influence of appropriateness of referrals on sensitization rate. *Contact Dermatitis*. 66: 95-100.
- Cao, C., Zhang, F., Ji Mingyu, Pei, F., Fan, X., Shen, H., Wang, Q., Yang, W., Wang, Y. 2016. Development of a loop-mediated isothermal amplification method for rapid detection of streptococcal pyrogenic exotoxin B. *Toxicon*. 117: 53-58.
- Dou, X., Liu, L., Zhu, X. 2002. Nickel-elicited systemic contact dermatitis. *Contact Dermatitis*. 48:126-129.
- Dhabhar, F.S. 2009. Enhancing versus Suppressive Effect of Stress on Immune Function: implications for Immunoprotections and Immunopathology. *Neuroimmunomodulation*. 16:300-317.
- Darlenski Razvigor, Kazandjieva Jana, Pramatarov Kyrill. 2012. The many faces of nickel allergy. *Int J Dermatol*; 51: 523-530.
- Drying-Anderson, B., Skov, L., Lvendorf, M.B., Bzorek M., Sondergaard, K., Lauritsen, J.P.H., Dabelsteen, S., Geisler, C., Bonefeld, C.M. 2013. CD4+ T cells producing Interleukin (IL)-17, IL-22 and Interferon- are major effector T cells in nickel allergy. *Contact Dermatitis*; 68: 339-347.
- Dumitrescu, A.L., Badi ãb, D., Dogarub, C.B., Tomab, C., Per eac, G., Du ãb, C. 2014. Romanian Version of the Perceived Stress Scale: An Investigation of its Psychometric Properties. *Procedia Soc Behav Sci*. 159 :561 – 564.
- DeOliveira, G.N., Lessa, J.M.K., Gonçalves, A.P., Portela, E.J., Sander, J.W., Teixeira, A.L. 2014. Screening for depression in people with epilepsy: Comparative study among Neurological Disorders Depression Inventory for Epilepsy(NDDI-E), Hospital Anxiety and Depression Scale Depression Subscale (HADS-D), and Beck Depression Inventory (BDI). *Epilepsy & Behav*. 34: 50–54.
- Ezzati, A., Jiang, J., Katz, M.J., Sliwinski, M.J., Zimmerman, M.E., Lipton, R.B. 2013. Validation of the Perceived Stress Scale in a community sample of older adults. *Int J Geriatr Psychiatry*. 29: 645–652.
- Efstratiou, A., Lamagni, T. Epidemiology of *Streptococcus pyogenes*. Download From: <http://creativecommons.org/licenses/by-nc-nd/4.0>. Created: 10/02/2016.
- Fleming, C., Parry, E., Forsyth, A., Kemmet, D., 1997. Patch testing in discoid eczema. *Contact Dermatitis*. 36: 261-264.

- Fowle dan Rice. Downloaded From: <http://archderm.jamanetwork.com/> by a World Health Organization-07/10/2012.
- Fokuhl, J. dan Müller-Goymann, C.C. 2013. Modified TEWL in vitro measurements on transdermal patches with different additives with regard to water vapour permeability kinetics. *Int J Pharm.* 444: 89– 94.
- Fell, M., Meirte, J., Anthonissen, M., Maertens, K., Pleat, J., Moortgat, P. 2016. The Scarbase Duo: Intra-rater and inter-rater reliability and validity of a compact dual scar assessment tool. *BURNS.* 4 2 : 336 – 344
- Garg, A., Margaret Chen, M., Sands, L.P., Matsui, M.S., Marenus, K.D., Feingold, K.R., Elias, P.M. 2001. Psychological Stress Pertubs epidermal permeability Barrier Homeostasis. *Arch Dermatol.* 137:53-59.
- Garner, L.A. 2004. Contact dermatitis to logams. *Dermatol Ther.* 17: 321-327.
- Gitsler, J. K., Krueger, J. G., Guttman, Y.E. 2013. Atopic dermatitis results in intrinsic barrier and immune abnormalities: implications for contact dermatitis. *J Allergy Clin Immun.* 131: 300-313.
- Harbert, T.B., Cohen, S. 1993. Stress and immunity in humans: a meta-analytic review. *Psychosom Med.* 55:364-379.
- Hellen, M., Boorsma, D.M., Stoof T.J., Von Blomberg, B.M.E., Bruynzeel, D.P.,Scheper, R.J., Gibbs, S., Rustemeyer, T. 2004. Nickel-responding T cells are CD4+ CLA+ CD45R0 and express chemokine receptors CXCR3,CCR4, and CCR10. *Br J Dermatol.* 151:32-41.
- Holden, C.A., Berth, J. J. 2004. Eczema, lichenification, prurigo, and Erythroderma. Dalam: Burns, T., Breathnach, S., Cox, N., Griffiths, C. (eds.). *Rook's Textbook of Dermatology.* 7thed.pp. 1-55. Oxford: Blackwell Science.
- Hellen, M. 2005. General introduction. Dalam: Hellen, M.(ed.). *Allergic contact dermatitis:T cells on the move.* pp.9-35. Amsterdam: The M.C. Escher Company B.V.Barn-Holland.
- Hosssein Salimy Seyed, Morteza Kaghanizade, Ali Pandoneh, Reza Karaminia. 2007. A Study on Relationship Between Job Stress and Uji transformasi limfosit in Nurses. *Journal of Biological Sciences* 7 (2): 333-337.
- Ho, R.C., Neo, L.F., Chua, A.N., Chea, A.C., Mak, A. 2010. Research on psychoneuroimmunology: does stress influence immunity and cause coronary artery disease. *Ann Acad Med Singapore.* 39:191-196.
- Hsu, J.W., Matiz, C., Jacob, S.E. 2011. Nickel allergy: localized, id, and systemic manifestations in children. *Pediatr Dermatol.* 28(3): 276-280.

- Heffner, K.L. 2011. Neuroendocrine Effect of Stress on Immunity in the Elderly :Implications for Inflammatory Disease. *Immunol Allergy Clin North Am*; 31(1): 95-108.
- Halberg Michael. 2011. Nummular eczema. *J Emerg Med*; 1-2.
- Horimukai, K., Morita, K., Narita, M., Kondo, M.,Kabashima, S., Inoue, E., Sasaki, T., Niizeki, H.,Saito, H., Matsumoto, K., Ohya, Y. 2016. Transepidermal water loss measurement during infancy can predict the subsequent development of atopic dermatitis regardless of filaggrin mutation. *Allergol Int.* 65: 103-108.
- Iliev, D., Niedner, R. 2001. Diagnosis of eczema: Can you recognize what your patient's symptom. *MMW Fortschr Med.* 24: 30-33.
- Iris, A.S.I. dan Maibach, H.I. 2004. Reproducibility of patch test results: a concurrent right-versus-left study using TRUE Test™. *Contact Dermatitis.* 50: 304–312.
- Jakobson, E., Masjedi, K., Ahlborg, N., Lundeberg, L., Karlberg, A.T. , Scheynius, A. 2002. Cytokine production in nickel-sensitized individuals analysed with enzyme-linked immunospot assay: possible implication for diagnosis. *Br J Dermatol.* 147:442–449.
- Jarvikallio, A., Harvina, I.T., Naukkarinen, A. 2003. Mast cell, Nerves and Neuropeptides in Atopic Dermatitis and Nummlar Eczema. *Arch Dermatol Res.* 295: 2-7.
- Jiamton, S., Tangjaturonrusamee, C., Kulthanan, K. 2012. Clinical features and aggravating factors in nummular eczema in Thais. *Asian Pac J Allergy Immunol.* 31: 36-42.
- Jin Wei dan Dong Chen. 2013. IL-17 Cytokines in immunity and inflammation. *Emerg Microbes Infect*; 2: 1-5.
- Julie, Z.N., Arivelo, R.Z., Hendriso, R.D., Ramamonjisoa, A., Andry, R. 2014. Current practice about the evaluation of antibody to streptolysin O (ASO) levels by physicians working in Antananarivo, Madagascar. *Afr Health Sci.* 14 (2): 384-389.
- Kuokkanen, K. dan Sonck, C.E. 1973. Antistreptolysis and Antistaphylolysin titres in allergic skin conditions. *Acta Allergol.* 28: 260-282.
- Khurana, S., Jain, V.K., Aggarwal, K., Gupta, S. 2002. Patch testing in discoid eczema. *J Dermatol*; 29: 763-767.
- Kimber I. dan Dearman, R. J., 2002. Allergic contact dermatitis: the cellular effectors. *Contact Dermatitis.* 46: 1–5.

- Klein, R., Schwenk, M., Heinrich-Ramm, R., Templeton, D.M. 2004. diagnostic Relevance of The Lymphocyte Transformation Test for Sensitization to Beryllium and Other Metals (IUPAC Technical Report). *Pure Appl Chem*; 78(6):1269-1281.
- Kilkkinen A, Kao-Philpot A, O'Neil A, Philpot B, Reddy P, Bunker S, Dunbar J. 2007. Prevalence of psychological distress, anxiety and depression in rural communities in Australia. *Aust J Rural Health*; 15: 114- 119.
- Kahawita, I.P., Walker, S.L., Lockwood, D.N.J. 2008. Leprosy type 1 reaction and erythema nodosum leprosum. *An Bras Dermatol.*;83(1): 75- 82.
- Kirkwood Betty, R. dan Sterne Jonathan, A.C. 2009. *Essential Medical Statistics*. 2nd ed., Blackwell Publishing Co., Oxford.
- Kim, H.K., Thammavongsa, V., Schneewind, O., Missiakas, D. 2012. Recurrent infections and immune evasion strategies of *Staphylococcus aureus*. *Curr Opin Microbiol*. 15(1):92-99.
- Karin, P., Lisa, B., Lisa, M., Samantha, E., Michael, S., Vijaya, K. 2013. Development of a validated blood test for nickel sensitization. *J Allergy Clin Immunol*. 132(3): 767-769.
- Liden, C., Menne, T., Burrow, D. 1996. Nickel containing alloys and platings and their ability to cause dermatitis. *Br J Dermatol*. 134:193-198.
- Lindemann, M., Hmerw, J., Zabelw, M., Grosse-Wilde, H. 2003. A new tool for the detection of nickel sensitization. *Clin Exp Allergy*. 33: 992-998.
- Lykke, J., Hesse, M., Austin, S. F., Oestrich, I. 2008. Validity of the BPRS, the BDI and the BAI in dual diagnosis patients. *Addict Behav*. 33 : 292–300.
- Liezmann, C., Klapp, B., Peters, E.M.J. 2011. Stress, atopy and allergy. Re-evaluation from psychoneuroimmunology perspective. *Dermatoendocrinol*. 3(Issue 1): 37-39.
- Lee, E., Chung, B.Y., Suh, C., Jung, J. 2015. Korean versions of the Perceived Stress Scale (PSS-14, 10 and 4): psychometric evaluation in patients with chronic disease. *Scand J Caring Sci*. 29: 183–192
- Li, X., Johnson, R., Weinstein, B., Wilder, E., EdSmith, Kasting, G.B. 2015. Dynamics of water transport and swelling in human stratum corneum. *Chem Eng Sci*. 138: 164–172.
- Marks, R. 1993. *Roxburgh's Common Skin Disease*. 16th ed. London: Chapman & Hall Medical.

- Moed, H., Stoof, T.J., Boorsma, D.M., Von Blomberg, B.M.E., Gibbs, S., Bruynzeel, D.P., Scheper, R.J., Rustemeyer, T. 2004. Identification of anti-inflammatory drugs according to their capacity to suppress type-1 and type-2 T cell profiles. *Clin Exp Allergy*. 34:1868–1875.
- Minang, J.T., Arestrom, I., Blomberg-Troye, M., Lundeberg, L., Ahlberg, N. 2006. Nickel, cobalt, chromium, palladium and gold induce a mixed Th1- and Th2-type cytokine response *in vitro* in subjects with contact allergy to the respective logams. *Clin Exp Immunol*. 146: 417-426.
- Mundlein, M., Valentin, B., Chabicovsky, R., Nicolics, J., Weremczuk, J., Tarapata, G., Jachowicz, R. 2008. Comparison of transepidermal water loss (TEWL) measurements with two novel sensors based on different sensing principles. *Sens Actuators A*. 142: 67–72.
- Miller, J.L., James, W.D. 2011. Nummular dermatitis. Medscape Reference, drug, disease, & procedures. <http://www.medscape.com> (diakses 30 April 2015).
- Macias, E.S., Pereira, F.A., Rietkerk, W., Safai, B. 2011. Superantigen in dermatology. *J Am Acad Dermatology*. 64: 455-72.
- Madisson, B., Parsons, A., Sanguenza, O., Sheehan, D.J., Yosipovitch, G. 2011. Retrospective Study of Intraepidermal Nerve Fiber Distribution in Biopsies of Patients with Nummular Eczema. *Am J Dermatopathol*. 33: 621-623.
- Magdalena, M., Elena, Calin, Traian. 2014. Skin Hydration Assessment through Modern Non-Invasive Bioengineering Technologies. *MAEDICA – J Clin Med*. 9(1): 33-38.
- Milanovic, SM, Erjavec, K, Poljicanin T, Vrabeg B, Brecic P. Prevalence of Depression Symptom and Associated Socio-Demographic Factors in Primary Health Care Patients. *Psychiatria Danubina*, 2015; Vol. 27, No. 1, pp 31-37 2015:27(1): 31-37.
- Mowad Christen, M., Anderson, B, Scheinman, P., Pootongkam, S., Nedorost, S., Brod, B. 2016. Allergic contact dermatitis. Patients diagnosis and evaluation. *J Am Acad Dermatol*. 74: 1029 – 1040.
- Nyfelner, B. dan Pichler, W.J. 1997. The lymphocyte transformation test for the diagnosis of drug allergy: sensitivity and specificity. *Clin Exp Allergy*; 27: 175-181.
- Nandi S, Kumar R, Ray P, Vohra H, Ganguli NK. 2001. Group A Streptococcal sore throat in periurban population of northern India: a one-year prospective study. *Bulletin of the World Health Organization*; 79: 528- 533.
- Netzlaff, F., Karl-Heinz, K.K., Lehr, C., Schaefer, U.F. 2006. TEWL measurements as a routine method for evaluating the integrity of epidermis

sheets in static Franz type diffusion cells in vitro. Limitations shown by transport data testing. *Eur J Pharm Biopharm.* (63): 44–50.

- Novak, N., Baurecht, H., Schafer, T., Rodriguez, E., Wagenpfeil, S., Klopp, N., Heinrich, J., Behrendt, H., Ring, J., Wichmann, E., Illig, T., Weidinger, S. 2008. Loss of function mutations in the filaggrin gene and Allergic Contact Sensitization to Nickel. *J Invest Dermatol.* 128: 1430–1435.
- Parish, W.E., Welbourn, E., Champhion, R.H. 1976. Hipersensitivity to bacteria in eczema. *Br J Dermatol*; 95: 493 – 506.
- Pinnagoda, J., Tupker, R.A., Coenraad, P.J., Nater, J.P. 1989. Transepidermal water loss with and without sweat gland inactivation. *Contact Dermatitis* ;21: 16-22
- Pichler, W.J., Tilch, J. 2004. The limfosit transformation test in the diagnosis of drug hypersensitivity. *Allergy.* 59: 809-820.
- Peters, E.M.J., Ericson, M.E., Hosoi, J., Seiffert, K., Hordinsky, M.K., Ansel, J.C., Paus, R., Sholzen. 2006. Neuropeptide Control Mechanisms in Cutaneous Biology & clinical significance. *J Invest Dermatol.* 126:1937-1947.
- Petri, V., Poziomczyck, C.S., Weber, M.B., d’Azevedo, P.A., Bessa, G.R., de Oliveira, C.F., Bonamigo, R.R. 2012. Bacterial skin colonization and infections in patients with atopic dermatitis. *An Bras Dermatol.* 87(5):729-34
- Porebski, G., Petkovic-Pecaric, Groux, K.M., Bosak, M., Kawabata, T.T., Pichler, W.J. 2013. Invitro drug causality assessment in Stevens-Johnson syndrome-alternatives limfosit transformation test. *Clin Exp Allergy.* 43:1027-1037.
- Poujol, F., Monneret, G., Friggeri, A., Rimmeléd, T., Malcus, C., Poitevin-Later, F., Alexandre, P.A., Alain, L.A., Textoris, J., Venet, F. 2014. Flow cytometric evaluation of lymphocyte transformation test based on 5-ethynyl-2 deoxyuridine incorporation as a clinical alternative to tritiated thymidine uptake measurement. *J Immunol Methods*; 415:71-79.
- Reinhold, K., Michael, S., Heinrich, R.R., Douglas, T. 2004. Diagnostic relevance of the limfosit transformation test for sensitization to beryllium and other metals. *Pure Appl Chem.* 76: 1269-1281.
- Rudoph, R. dan Kownatzki, E. 2004. Corneometric, sebumetric and TEWL measurements following the cleaning of atopic skin with a urea emulsion versus a detergent cleanser. *Contact Dermatitis* ; 50: 354–358.
- Rustemeyer, T., Von Blomberg, B.M.E., Van Hoogstraten, I.M.W., Bruynzeel, D.P., Scheper, R.J. 2004. Analysis of effector and regulatory immune reactivity to nickel. *Clin Exp Allergy*; 34: 1458-1466.

- Rosado, C. Pinto, P., Rodrigues, L.M. 2005. Modeling TEWL-desorption curves: a new practical approach for the quantitative in vivo assessment of skin barrier. *Exp Dermatol* ; 14: 386–390.
- Rabson, A., Roitt, I.M., Delves, P.J. 2005.. Hypersensitivity. Dalam: *Really Essential Medical Immunology*. 2nded., Blackwell Publishing Inc., UK.
- Ruff C.A., Belsito, D.V. 2006. The impact of various patient factors on contact allergy to nickel, cobalt, and chromate. *J Am Acad Dermatol*. 55: 32-39.
- Robert, H., Orchard, D. 2010. Methotrexate is safe and effective for pediatric discoid (nummular) eczema: a case series of 25 children. *Australas J Dermatol*. 51: 128-130.
- Rosner, B. 2010. *Fundamental of Biostatistics*. 7thed., Cengage Learning, Boston.
- Rachmawati, D., Amor, S., Bontkes, H.J., Coenraads, P.J., Feilzer, A., Gibbs, S., Kleverlaan C.J., Rustemeyer, T. 2016. *Innate Immune Reactivity to Dental Alloys*. Uitgeverij BOXPress, Vianen.
- Shankar, D.S.K. dan Shrestha, S. 2005. Relevance of patch testing in patients with nummular dermatitis. *Indian J Dermatol Venereol Leprol*. 71(6): 406-408.
- Shrestha, S. 2005. Relevance of patch testing in patients with nummular dermatitis. *Indian J Dermatol Venereol Leprol*. 71(6): 406-408.
- Sunwoo, Y., Chou, C., Takeshita, J., Mukarami, M., Tochihiro, Y. 2006. Physiological and Subjective Responses to Low Relative Humidity. *J Physiol Anthropol*; 25(1): 7 – 14.
- Seyed, H.S., Kaghanizade, M., Pandoneh, A., Karaminia, R. 2007. A study on relationship between job stress and limfosit transformation test in Nurses. *J Biol Sci*. 7(2): 333-337.
- Spiwak, R., Moed, H., Von Blomberg Brigita, M.E., Bruynzeel, D.P., Scheper, R.J., Gibbs, S., Rustemeyer, T. 2007. Allergic contact dermatitis to nickel: modified *in vitro* test protocols for better detection of allergen-specific response. *Contact Dermatitis*; 56: 63-69.
- Schalock, P.C., Menne, T., Johansen, J.D., Taylor, J.S., Maibach, H.I., Liden, C., Bruze, M., Thyssen, J.P. 2011. Hypersensitivity reactions to logamlic-inplats-diagnostic algorithm and suggested patch test series for clinical use. *Contact Dermatitis*. 66: 4-19.
- Stephanie, D.G.S. dan Patel, K.R. 2013. Enzyme Immunoassay and Enzyme-Linked Immunosorbent Assay. *J Invest Derm*. 133:1-3.

- Smith, K.J., Emerson, D.J. 2014. An assessment of the psychometric properties of the Perceived Stress Scale-10 (PSS10) with a U.S. public accounting sample. *Advances in Accounting, incorporating Advances in International Accounting* ;30: 309–314.
- Schmidt, M. dan Goebeler, M. 2015. Immunology of metal allergies. *J Dutsch Dermatol Ges.* 653-659.
- Tsutomu, Y., Shogo, S., Kaoru, N., Hideki, K., Naoko, O., Yasuki, A., Hiroshige, T., Kunihiro, M. 1998. Immune response in guinea pigs injected with insoluble beryllium compounds. *J Occup Health.* 40: 143-147.
- Thomas, P., Barnstorf, S., Summer, B., Willmann, G., Przybilla B. 2003. Immunological properties of aluminium oxide (Al₂O₃) ceramics and nickel sulfate in humans. *Biomaterials.* 24 : 959–966.
- Tausk, F.A., Elenkov, I., Paus, R., Richardson, S., Label, M. 2008. Stress and Immunity. Dalam: Anthony, A.G. dan Stephen K.T. (eds.). *Clinical and Basic Immunodermatology*. 5th ed. pp.45-65. London: Springer-Verlag.
- Tanaka, T., Satoh, T., Yokozehi, H. 2009. Case report. Dental infection associated with nummular eczema as an overlooked focal infection. *J Dermatol.* 36: 462-465.
- Torres F., das Gracas M., Melo M., Tosti A. 2009. Management of contact dermatitis due to nickel allergy: an update. *Clinical, Cosmetic and Investigational Dermatology.* 2:39-48.
- Thyssen, J.P. 2011. Nickel and cobalt allergy before and after nickel regulation-evaluation of a public health intervention. *Contact Dermatitis.* 65: 1-68.
- Thyssen, J.P., Linneberg, A., Engkilde, K., Menne, T., Johansen, J.D. 2012. Contact sensitization to common haptens is associated with atopic dermatitis: new insight. *Br J Dermatol.* 166: 1255–1261.
- Uzkese, H., Karatay, S., Yildirim, K., Karakuzu, A., Uyanik Muhammed Hamidulah. 2011. Anti-streptolysin O Levels in Patients with Behcet's Disease. Behçet Hastalarında ASO Düzeyleri. *Eurasian J Med.* 43: 169-72.
- Veien, N.K., Hattel, T., Justesen, O., Norholm, A. 1987. Oral challenge with metal salts (II). Various types of eczema. *Contact Dermatitis*; 9: 407-410.
- Van der valk, P.G.M., Devos, S.A., Coenraads, P. 2003. Evidence-based diagnosis in patch testing. *Contact Dermatitis.* 48: 121–125.
- Vignola, R.C.B. dan Tucci, A.M. 2015. Adaptation and validation of the depression, anxiety and stress scale (DASS) to Brazilian Portuguese. *J Affect Disord*; 155: 104–109



- Weidman, A.I dan Sawicky, H.H. 1955. Nummular Excema. *AMA Archieves Of Dermatology*:58-65. Downloaded from www.archdermatol.com , on July 15, 2011.
- Wong, C.K., Ho, C.Y., Ko, F.W.S., Chan, C.H.S., Ho, A.S.S., Hui, D.S.C., Lam, C.W.K.. 2001. Proinflammatory cytokines (IL-17, IL-6, IL-18 and IL-12) and Th cytokines (IFN-g, IL-4, IL-10 and IL-13) in patients with allergic asthma.
- White-Chu EF & Reddy M. 2011. Dry skin in the erderly: Complexities of a common problem . *Clinics in Dermatology*; 29: 37- 42.
- Xiao, P., Wong, W., Cottenden, A.M., Imhof, R.E. 2012. In vivo stratum corneum over-hydration and water diffusion coefficient measurements using opto-thermal radiometry and TEWL instruments. *Int J Cosmet Sci.* (34): 328–331
- Yoshida Tsutomu, Shima Shogo, Nagaoka Kaoru. Kurita Hideki, Ootani Naoko, Asada Yasuki, Taniwaki Hiroshige, Morita Kunihiko. 1998. Immune Response in Guinea Pigs Injected with Insoluble Beryllium Compounds. *Journal Occupation Health*; 40: 143-147.