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REFERENCES

Alam, N & Bhardwaj, A & Tiwari, R & Sharma, S & Dabas, V. (2012). Drug utilization pattern of patients using NSAIDs in South Delhi Hospital. *International Journal of Pharmacy and Pharmaceutical Sciences*. 4. 703-707.

Blanca-López, N., Barrionuevo, E., Andreu, I. and Canto, M. (2014). Hypersensitivity reactions to nonsteroidal anti-inflammatory drugs. *Current Opinion in Allergy and Clinical Immunology*, 14(4), pp.271-277.

Borch, J.E., Andersen, K.E., Bindslev-Jensen, C. 2006. The Prevalence of Acute Cutaneous Drug Reactions in Scandinavian University Hospital. *Acta Derm Venereol,* 86, 518-522.

Borch, J.E., Andersen, K.E., Bindslev-Jensen, C. 2006. Cutaneous Adverse Drug Reactions Seen at a University Hospital Department of Dermatology. *Acta Derm Venereol,* 86, 523-527.

Chatterjee, S., Ghosh, A.P., Babhyuiya, J., Dey, S.L. 2006. Adverse cutaneous drug reactions: A one year survey at a dermatology outpatient clinic of tertiary care hospital. *Indian J Pharmacol,* 38, 429-431.

Choon, S. dan Lai, N. 2012. An epidemiological and clinical analysis of cutaneous adverse drug reactions seen in a tertiary hospital in Johor, Malaysia. *Indian J Dermatol Venereo Leprol*, 78, 734-739.

Conaghan, P. (2011). A turbulent decade for NSAIDs: update on current concepts of classification, epidemiology, comparative efficacy, and toxicity. *Rheumatology International*, [online] 32(6), pp.1491-1502. Available at: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3364420/ [Accessed 9 Oct. 2018].

Coopman, S.A., Johnson, R.A., Platt, R., Stern, R.S. 1993. Cutaneous disease and drug reactions in HIV infection. *The New England Journal of Medicine*, 328 (23), 1670-1674.

Daghfous, R., El Aidli, S., Jday, A., Kastalli, S., Klouz, A., Srairi, S., Lakhal, M., Loueslati, M. and Belkahia, C. (2005). Réactions de type allergique au paracétamol. *Thérapie*, [online] 60(5), pp.523-526. Available at: https://www.ncbi.nlm.nih.gov/pubmed/16433019 [Accessed 10 Oct. 2018].

Doshi, B. and Manjunathswamy, B. (2017). Maculopapular drug eruption versus maculopapular viral exanthem. *Indian Journal of Drugs in Dermatology,* 3(1), p.45.

Fda.gov. (2018). FDA Drug Safety Communication: FDA warns of rare but serious skin reactions with the pain reliever/fever reducer acetaminophen. [online] Available at: https://www.fda.gov/drugs/drugsafety/ucm363041.htm [Accessed 9 Oct. 2018].

Finkel, R., Whalen, K., Finkel, R. and Panavelli, T. (2015). *Pharmacology*. 5th ed. Philadelphia: Wolters Kluwer.

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Universitas Gadjah Mada, 2018 | Diunduh dari http://etd.repository.ugm.ac.id/

Fitzpatrick, T. and Goldsmith, L. (2012). *Fitzpatrick's Dermatology in General Medicine.* 8th ed. New York, N.Y.: McGraw-Hill Medical, pp.101-114.

Ferner, R. (2012). *Handbook of Drug Interactions: a Clinical and Forensic Guide.* British Journal of Clinical Pharmacology, [online] 74(5), pp.893-893. Available at: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3495155/ [Accessed 6 Apr. 2018].

Gilron, I., Milne, B. and Hong, M. (2003). *Cyclooxygenase-2 Inhibitors in Postoperative Pain Management. Anesthesiology,* [online] 99(5), pp.1198-1208. Available at: http://anesthesiology.pubs.asahq.org/pdfaccess.ashx?url=/data/journals/jasa/931194/ [Accessed 18 Nov. 2017].

Goodman, L., Gilman, A., Brunton, L., Chabner, B. and Knollmann, B. (2011). *Goodman & Gilman's the pharmacological basis of therapeutics*. 12th ed. New York: McGraw Hill Medical, pp.962-992.

Hsu, D., Brieva, J., Silverberg, N. and Silverberg, J. (2016). Morbidity and Mortality of Stevens-Johnson Syndrome and Toxic Epidermal Necrolysis in United States Adults. *Journal of Investigative Dermatology*, 136(7), pp.1387-1397.

Kardaun, S., Sekula, P., Valeyrie-Allanore, L., Liss, Y., Chu, C., Creamer, D., Sidoroff, A., Naldi, L., Mockenhaupt, M. and Roujeau, J. (2013). Drug reaction with eosinophilia and systemic symptoms (DRESS): an original multisystem adverse drug reaction. Results from the prospective RegiSCAR study. *British Journal of Dermatology*, 169(5), pp.1071-1080.

Kasper, D. and Harrison, T. (2015). *Harrison's Principles of internal medicine*. 19th ed. New York: McGraw-Hill Education, pp.377-385.

Kowalski, M., Makowska, J., Blanca, M., Bavbek, S., Bochenek, G., Bousquet, J., Bousquet, P., Celik, G., Demoly, P., Gomes, E., Niżankowska-Mogilnicka, E., Romano, A., Sanchez-Borges, M., Sanz, M., Torres, M., De Weck, A., Szczeklik, A. and Brockow, K. (2011). Hypersensitivity to nonsteroidal anti-inflammatory drugs (NSAIDs) - classification, diagnosis and management: review of the EAACI/ENDA# and GA2LEN/HANNA*. Allergy, 66(7), pp.818-829.

Lapeyre-Mestre, M., Grolleau, S. and Montastruc, J. (2011). Adverse drug reactions associated with the use of NSAIDs: a case/noncase analysis of spontaneous reports from the French pharmacovigilance database 2002-2006. *Fundamental & Clinical Pharmacology*, [online] 27(2), pp.223-230. Available at: https://www.ncbi.nlm.nih.gov/pubmed/21929527 [Accessed 18 Nov. 2017].

Lelo A., Hidayat DS, Juli S. Penggunaan Anti-Inflamasi Non-Steroid yang Rasional pada Penanggulangan Nyeri Rematik. [Repositori] Universitas Sumatera Utara, Medan. 2004.

Manivannan, E & Shanthi, M. (2012). Adverse cutaneous drug reactions with special reference to non-steroidal anti inflammatory drugs in a tertiary care hospital in Tamilnadu-South India. *International Journal of Pharma and Bio Sciences.* 3. P395-P400.

Nagai, J., Uesawa, Y., Shimamura, R. and Kagaya, H. (2017). Characterization of the Adverse Effects Induced by Acetaminophen and Nonsteroidal Anti-Inflammatory Drugs Based on the Analysis of the Japanese Adverse Drug Event Report Database. *The Clinical Journal of Pain*, 33(8), pp.667-675.

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Universitas Gadjah Mada, 2018 | Diunduh dari http://etd.repository.ugm.ac.id/

Naranjo CA *et al.* A method for estimating the probability of adverse drug reactions. *Clin Pharmacol Ther*.1981; 30: 239245.

Nayak, S. and Acharjya, B. (2008). Adverse cutaneous drug reaction. *Indian Journal of Dermatology*, [online] 53(1), p.2. Available at: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2784579/ [Accessed 18 Nov. 2017].

Neal, M. (2002). *Medical Pharmacology at a Glance.* 4th ed. Oxford: Blackwell Science Ltd.

Ozkaya, E. and Yazganoğlu, K. (2014). *Adverse cutaneous drug reactions to cardiovascular drugs*. 1st ed. [Place of publication not identified]: Springer London Ltd, pp.180-186.

Prathap, P., M.I, E., K. N, A., Kumar, A., & George, S. (2016). *Clinical Profile of Cutaneous Adverse Drug Reactions in a Tertiary Care Centre.* IRA-International Journal of Applied Sciences (ISSN 2455-4499), 3(3).

Padukadan, D. dan Thappa, D.M. 2004. Adverse cutaneous drug reactions: Clinical pattern and causative agents in a tertiary care center in South India. *Indian J Dermatol Venereo Leprol,* 70, 20-24.

Principles of Epidemiology in Public Health Practice. (2018). 3rd ed. Atlanta: Centers for Disease Control and Prevention (CDC), pp.3-16.

Rademaker, M. 2001. Do Women Have More Adverse Drug Reactions?. *Am J Clin Dermatol*, 2(6), 349-351.

Rebelo Gomes, E., Geraldes, L., Gaspar, Â., Malheiro, D., Cadinha, S., Abreu, C., Chambel, M., Almeida, E. and Faria, E. (2016). *Hypersensitivity Reactions to Nonsteroidal Anti-Inflammatory Drugs among Adults: Clinical Features and Risk Factors for Diagnosis Confirmation. International Archives of Allergy and Immunology,* 171(3-4), pp.269-275.

RM, B. (2018). *Inhibitors of cyclooxygenases: mechanisms, selectivity and uses*. - PubMed - NCBI. [online] Ncbi.nlm.nih.gov. Available at: https://www.ncbi.nlm.nih.gov/pubmed/17218763 [Accessed 7 Apr. 2018].

Sinha, K., Marak, I. and Singh, W. (2013). Adverse drug reactions in tuberculosis patients due to directly observed treatment strategy therapy: Experience at an outpatient clinic of a teaching hospital in the city of Imphal, Manipur, India. *The Journal of Association of Chest Physicians*, 1(2), p.50.

Solensky R, Mendelson LM. Systemic reactions to antibiotics. *Immunol Allergy Clin North Am* 2001;21:679-697.

Steinmeyer J. Pharmacological Basis for The Therapy of Pain and Inflammation with Nonsteroidal Anti-Inflammatory Drugs. *Arthritis Research.* 2000; 2(5): 379-385.

Manivannan, E. Shanti, M. (2012). *Adverse Cutaneous Drug Reactions With Special Reference To Non-Steroidal Anti Inflammatory Drugs In A Tertiary Care Hospital In Tamilnadu-South India.* [online] Ijpbs.net. Available at: http://www.ijpbs.net/details.php?article=1314 [Accessed 19 Nov. 2017].

Sidoroff, A., Dunant, A., Viboud, C., Halevy, S., Bavinck, J., Naldi, L., Mockenhaupt, M., Fagot, J. and Roujeau, J. (2007). *Risk factors for acute generalized exanthematous pustulosis (AGEP)—results of a multinational case–control study (EuroSCAR). British Journal of Dermatology,* 157(5), pp.989-996.

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Sánchez-Borges, M., Caballero-Fonseca, F., Capriles-Hulett, A. and González-Aveledo, L. (2010). *Hypersensitivity Reactions to Nonsteroidal Anti-Inflammatory Drugs: An Update. Pharmaceuticals,* 3(1), pp.10-18.

Sánchez-Borges, M., Capriles-Hulett, A. and Caballero-Fonseca, F. (2005). Risk of skin reactions when using ibuprofen-based medicines. *Expert Opinion on Drug Safety*, [online] 4(5), pp.837-848. Available at: https://www.ncbi.nlm.nih.gov/pubmed/16111447 [Accessed 23 Aug. 2018].

Sharma, R., Dogra, D. and Dogra, N. (2015). *A study of cutaneous adverse drug reactions at a tertiary center in Jammu, India*. Indian Dermatology Online Journal, [online] 6(3), p.168. Available at: https://www.ncbi.nlm.nih.gov/pubmed/26009710 [Accessed 17 Nov. 2017].

Sukandar, E., Hartini, S. and Rizkita, P. (2013). *Penyakit Kulit Terinduksi Obat pada Pasien di Bagian Penyakit Kulit di Salah Satu Rumah Sakit di Kota Bandung. Journals ITB*, [online] XXXVIII(1). Available at: http://journals.itb.ac.id/index.php/acta/article/view/5198 [Accessed 17 Nov. 2017].

Svensson, C., Cowen, E. and Gaspari, A. (2000). Pharmacological Reviews. *Cutaneous Drug Reactions,* [online] 53(3), pp.357–379. Available at: http://pharmrev.aspetjournals.org/content/53/3/357 [Accessed 17 Nov. 2017].

Talib, N., Leelavathi, M. and Hamzah, Z. (2015). *Common adverse cutaneous drug reaction patterns and the causative drugs in Malaysia*. South African Family Practice, [online] 57(4), pp.227-230. Available at: http://dx.doi.org/10.1080/20786190.2015.1024026 [Accessed 19 Nov. 2017].

Thertina, M. and Kristanti, A. (2018). Dikira Korban Mal Praktek, Ratnaningsih Ternyata Terserang Steven Jhonson. *Tempo.co*. [online] Available at: https://metro.tempo.co/read/350212/dikira-korban-mal-praktek-ratnaningsih-ternyata-terserang-steven-jhonson/full&view=ok [Accessed 16 Nov. 2018].

Verma, R., Vasudevan, B. and Pragasam, V. (2013). *Severe cutaneous adverse drug reactions. Medical Journal Armed Forces India*, 69(4), pp.375-383.

Ward, K., Archambault, R. and Mersfelder, T. (2010). *Severe adverse skin reactions to nonsteroidal antiinflammatory drugs: A review of the literature. American Journal of Health-System Pharmacy,* 67(3), pp.206-213.

Yap, P. and Goh, K. (2015). *Non-Steroidal Anti-Inflammatory Drugs (NSAIDs) Induced Dyspepsia. Current Pharmaceutical Design*, 21(35), pp.5073-5081.