

DAFTAR PUSTAKA

- Alam, I., Alam, N., Singh, V., Alam, S., Ali, S., Anwer, T., dan Safhi, M. M., 2013, Type Preparation and Evaluation of Transdermal Patch: A Review, *World Journal of Pharmacy and Pharmaceutical Sciences*, 2206-2210.
- Ansel, H. C., Popovich, N. G., dan Allen, Jr. L. V., 2011, *Ansel Bentuk Sediaan Farmasetis dan Sistem Penghantaran Obat*, diterjemahkan oleh Lucia Hendriati, Kuncoro Foe, Edisi Sembilan, Gramedia Jakarta, Hal 315,318-319, 324-325.
- Badyal, D.K., Lata, H., and Dadhich, A.P., 2003, Animal Model of Hypertension and Effect of Drugs, *Indian Journal of Pharmacology*, Vol. 35, 349-362.
- Depkes RI, 1979, *Farmakope Indonesia*, Edisi III, Departemen Kesehatan Republik Indonesia, Jakarta, 65.
- Depkes RI, 1995, *Farmakope Indonesia*, Edisi IV, Departemen Kesehatan Republik Indonesia, Jakarta, 322.
- Depkes RI, 2006, *Pharmaceutical untuk Penyakit Hipertensi*, Direktorat Bina Farmasi Komunitas dan Klinik Ditjen Bina Kefarmasian dan Alat Kesehatan Departemen Kesehatan, Jakarta, 616.132.
- Dharmeizar, 2012, Medicinus, Hypertension, *Scientific Journal of Pharmaceutical Development and Medical Application*, 25, 34, Dexa Medica.
- Dhiman, S., Singh, T. G., dan Rehni, A. K., 2011, *Transdermal Patches: A Recent Approach to New Drug Delivery System*, International Journal of Pharmacy and Pharmaceutical Science, Vol.3, 26-34.
- Fathnur, S. K., 2016, *Metodologi Penelitian Farmasi Komunitas dan Eksperimental*, Yogyakarta, 25-27.
- Federer, W., 1991, *Statistics and Society: Data Collection and Interpretation*, 2nd Edition, Marcel Dekker, New York
- Gandjar, I. G. dan Rohman, A., 2012, *Kimia Farmasi Analisis*, Pustaka Pelajar, Yogyakarta, 243
- Greve, T.M., Andersen, K.B., and Nielsen, O.F., 2008, Penetration Mechanism of Dimethyl Sulfoxide in Human and Pig Ear Skin: An ATR-FTIR and Near-FT Raman Spectroscopic In vivo and In vitro Study, *Spectroscopy An International Research Journal*, Vol.22, 405-417.

- Gungor, S., Erdal, M. S., dan Ozsoy, Y., 2012, Plasticizers in Transdermal Drug Delivery System Recent Advances in Plasticizers, *International Technician Europe*, 9, 91-112.
- Gupta, M. M., Singh, S., Jindal, R., dan Patidar, S., 2012, Penetration Enhancers: Role in Transdermal Delivery System, *International Journal of Comprehensive Pharmacy* 3,1-8.
- Hafeez, A., Jain, U., Singh, J., Maurya, A., dan Rana, L., 2013, Recent Advances in Transdermal Drug Delivery System (TDDS): An Overview, *Journal of Scientific and Innovative Research*, 736-738.
- Harris, D. C., 2007, *Quantitative Chemical Analysis*, Edisi 7, W. H. Freeman and Company, New York, 379-380.
- Hedrich, H. J., 2006, History, Strains, and Models dalam: Krinke, G. J., *The Handbook of Experimental Animal: The Laboratory Rat*, Academic Press, London, 349-353.
- Iswandana, R., 2012, Preparasi Nanogel Verapamil Hidroklorida Menggunakan Metode Gelasi Ionik Antara Kitosan-Natrium Tripolifosfat Sebagai Sediaan Antihipertensi, *Tesis*, Universitas Indonesia, Jakarta.
- Jinghua, Y., P. Peter S., and Stephen H. Wu, 2011, Effects of Polyethylene Glycol on Morphology Thermomechanical Properties and Water Vapor Permeability of Cellulose Acetate Free Films, 2001, *Pharmaceutical Formulation Laboratory Eastman Chemical Company*, 25(10), 62-74.
- John, L., 2014, Review on Transdermal Drug Delivery System, *International Journal of Pharma Research and Health Sciences*, 2, 261-272.
- Kaddajji, V. G., and Betageri, G. V., 2011, *Review: Water Soluble Polymers for Pharmaceutical Application*, Department of Pharmaceutical Sciences, Western University of Health Sciences, Pomona, 1972-2009.
- Lacy, C. F., Armstrong, L.L., Goldman, M. P., and Lance, L. L., 2009, *Drug Information Handbook*, Edisi 17, Lexi-Comp Inc.
- Lailani, M., Edward, Z., dan Herman, R.B., 2013, Gambaran Tekanan Darah Tikus Wistar Jantan dan Betina Setelah Pemberian Diet Tinggi Garam, *Jurnal Kesehatan andalas*, 2(3), 146-150.
- Liu, B., and Ely D., 2011, Research Article Testosterone Increase: Sodium Reabsorption, Blood Pressure, and Renal Pathology in Female Spontaneously Hypertension Rats on A High Sodium Diet, *Hindawi Publishing Corporation Advances in Pharmacological Sciences*, 817-835.

- Limpongsa dan Umprayn, 2008, Preparation and Evaluation of Diltiazem Hydrochloride Diffusion-Controlled Transdermal Delivery System, Canada: *AAPS PharmSciTech*, 464-470.
- Lund, W., 1994, *The Pharmaceutical Codex*, Edisi 12th, London: The Pharmaceutical Press.
- Malkof, J., 2011, *Non-Invasive Blood Pressure for Mice and Rats*, Kent Scientific Corporation, Animal Lab News.
- Nuraini, B., 2015, Risk Factors of Hypertension, *J Majority*, 4(5), 10-19.
- Omray, L., Jain, K. P., Kharia, A. A., and Pounikar, Y., 2014, Development of Transdermal Drug Delivery System of Diltiazem Hydrochloride for the Treatment of Hypertension, *International Journal of Research in Pharmaceutical Sciences*, 441-445.
- Palmer, A., dan Williams, B., 2007, *Simple Guides Tekanan Darah Tinggi*, Erlangga, Jakarta, 25-27.
- Pandey, A., Mitlal A., Chaucan N., and Alam S, 2014, Role of Surfactants as Penetration Enhancer in Transdermal Drug Delivery System. *Molecular Pharmaceutics and Organic Process Research*, 2(2), 2-10
- Patel, N. B., Sonpal, R. N., Mohan, S., dan Selvaraj, S., 2010, Formulation and Evaluation of Iontophoretic Transdermal Delivery of Diltiazem Hydrochloride, *International Journal of Research in Pharmaceutical Sciences*.
- Patel, H., Patel, U., Bhimani, B., Daslaniya, D., and Patel, G., 2012, Transdermal Drug Delivery System as Prominent Dosage Form for The Highly Lipophilic Drugs, *International Journal of Pharmaceutical Research and Bio-Science*, 1(3), 42-65.
- Perdanakusuma, D.S., 2007, *Anatomi Fisiologi Kulit dan Penyembuhan Luka*. Surabaya: Airlangga University School of Medicine – Dr. Soetomo General Hospital. Hal.1-8.
- PERKI, 2015, *Pedoman Tatalaksana Hipertensi pada Penyakit Kardiovaskular*, Edisi Pertama, 1-16.
- Rao, P, R., dan Diwan, P, V., 1998, Formulation and in Vitro Evaluation of Polymeric Films of Diltiazem Hydrochloride and Indomethacin for Transdermal Administration, *Drug Development and Industrial Pharmacy*. 244: 327-336.

- Richardson, M., 2003, Understanding the Structure and Function of the Skin, *Supplement*, Vol. 99 No.31, 46-48.
- Rowe, R. C., Sheskey, P. J., and Quinn, M. E., 2009, *Handbook of Pharmaceutical Excipients*, Edisi VI, Pharmaceutical Press and the American Pharmacists Assosiation, United States of America, 262-266, 348-349, 564-565, 592-594.
- Sholikhah, A., 2016, Formulasi Film Transdermal Diltiazem HCl dengan Peningkat Penetrasi PEG 400, *Skripsi*, Universitas Wahid Hasyim, Semarang.
- USP, 2007, *USA: the Official Compendia of Standards*, United States, Edisi 30-25, 1098.
- Thompson, E.B., 1990, *Drug Bioscreening: Drug Evaluation Techniques in Pharmacology*, VCH Publ, New York, 93, 109.
- Tjay, T.H., dan Raharja, K., 2007, *Obat-Obat Penting, Khasiat, Penggunaan dan Efek Sampingnya*, Edisi V, PT Elex Media Komputindo Gramedia, Jakarta, 518-519.
- Walters, K. A., and Jonathan, H., 1993, *Pharmaceutical Skin Penetration Enhancement*, New York: Marcel Dekker inc.
- Waynforth, 1980, *Experimental and Technique in the Rat*, Academic Press, London.
- Wiliastuti R. A., 2006, Studi Penumbuhan Membran Polyvynil Alcohol (PVA) dengan Variasi Konsentrasi PVA Menggunakan Metode Spin Coating Diatas Lapisan Elektroda Platinum, *Skripsi*, Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Sebelas Maret, Surakarta.