

DAFTAR PUSTAKA

- Akbar, H.F., Sugiyartono. & Setiawan, D., 2012, Pengaruh Penambahan Manitol Akbar, H.F., Sugiyartono. & Setiawan, D., 2012, Pengaruh Penambahan Manitol terhadap Pelepasan Ranitidin HCl dari Tablet Floating dengan HPMC K100M sebagai Matriks, *PharmaScientia*, **1**(1): 30 – 45.
- Amuksiti, F., 2010, Profil Disolusi In Vitro Tablet Levofloksasin Generik dan Non Generik, *Journal Pharmacy*, **7**(1), 35-36.
- Astuti, W T., 2019, Optimasi Formula Tablet Floating Levofloksasin dengan Kombinasi Matriks HPMC K100M dan Xanthan Gum, *Skripsi*, Fakultas Farmasi Universitas Gadjah Mada, Yogyakarta.
- Bano, R., Arsala Adeel, Ahmad Iqbal, Shad Zufi, 2011, Review Article: Levofloxacin a Potent Antibiotic, Baqai Institute of Pharmaceutical Sciences, Pakistan.
- Baumgartner, S., Kristl, J., Vrečer, F., Vodopivec, P., Zorko, B., 2000, Optimisation Of Floating Matrix Tablets and Evaluation of The Gastric Residence Time, *International Journal of Pharmacy*, **195**(1-2), 35-125.
- Cohen, J.L., Hubert, B.B., Leeson, L.J., Rhodes, C.T., Robinson, J.R., Roseman, T.J., Shefter, E., 1990, The Development of USP Dissolution and Drug Release Standards, *Pharm. Research*, **7**(10):983 – 987.
- Costa, P., & Lobo, J. M, S., 2000, Modeling and Comparison of Dissolution Profiles, *European Journal of Pharmaceutical Sciences*, **13**: 123 – 133.
- Dartois, C., Lemenuel-Diot, A., Laveille, C., Tranchand, B., Tod, M., Girard, P., 2007. Evaluation of uncertainty parameters estimated by different population PK software and methods. *J. Pharmacokinetics and Pharmacodynamics*, **34**:289–311.
- Dayakar, R. B., Sai, K. V., Prasada, R., Tejakrishna, M., 2013, Preparation and Evaluation of Levofloxacin Hemihydrates Floating Tablets, *Journal of Drug Delivery Research*, **2**(1), 4-5.
- Departemen Kesehatan Republik Indonesia, 2014, *Farmakope Indonesia*, Edisi V, Departemen Kesehatan Republik Indonesia, Jakarta.
- Desai, V., Afieroho, O., Dagunduro, B., Okonkwo, T., dan Ndu, C., 2011, A Simple UV Spectrophotometric Method for the Determination of Levofloxacin in Dosage Formulations, *Tropical Journal of Pharmaceutical Research*, **10**(1), 75 – 79.
- Gandjar, I.G. dan Rohman, A., 2007, *Kimia Farmasi Analisis*, 315, Pustaka Pelajar, Yogyakarta.
- Garg, R, and Gupta, G. D., 2008, Progress in Controlled Gastroretentive Delivery System, *Tropical Journal of Pharmaceutical Research*, **7**(3): 1055-1066.
- Garg, S., and Sharma, S., 2003, *Gastroretentive Drug Delivery System*, Business Briefing Pharmatech, 160 – 164, <http://www.touchbriefings.com>, 1 Juni 2020.
- Gordon, R.E., Rosanske, T.W., Fonner, D.E., Anderson, N.R. and Banker, G.S., 1990, Granulation Technology and tablet characterization, in Lieberman,

- H.A., Lachman, L. and Schwartz, J.B., (Eds.), *Pharmaceutical Dosage Forms Tablets*, Vol. 2, 2nd Ed., 332335, Marcel Dekker, New York.
- Hadisoewigno, L. & Fudholi, A., 2007, Studi Pelepasan In Vitro Ibuprofen dari Matriks Gum Xanthan yang Dikombinasikan dengan Suatu Crosslinking Agent, *Majalah Farmasi Indonesia*, **18**(3): 133-140.
- Hadisoewignyo, L., 2015, Bahan Ko-Proses dalam Metode Kempa Langsung, *Medicinus*, **28**(1): 29-34.
- Harmita, 2004, Petunjuk Pelaksanaan Validasi Metode dan Cara Perhitungannya, *Majalah Ilmu Kefarmasian*, **1**(3): 117 – 134.
- Horkovics-Kovats, S., Brunovsky, P., Pichler, A., & Bulitta, J. B., 2015, Population Data Analysis of Dissolution Time Profiles: Assessment of Physicochemical Properties of the Drug, Drug Particles and the Pharmaceutical Formulation, *European Journal of Pharmaceutical Sciences*, **78**: 245 – 254.
- ICH, 2009, Validation of Analytical Procedures: Text and Methodology, *International Conference on Harmonisation of Technical Requirements for Registration of Pharmaceuticals for Human Us*, Brill, hal 1041-1054.
- Kassab, M. M., Amaral, M. S., Singh, A. K., Santoro, M.I. R. M., 2010, Development and Validation of UV Spectrophotometric Method for Determination of Levofloxacin in Pharmaceutical Dosage Forms, *Qui'm Nova*, **33**: 968-971.
- Kavitha, K., Sudhir, K., Yadav, 2010, The Need of Floating Drug Delivery System: A Review, *Journal of Pharmaceutical, Biological and Chemical Sciences*, Barathi College of Pharmacy, **2**(2): 1154-1156.
- Lachman, L, H, A., Lieberman., & Kanig, J, L., 2008, *Teori dan Prakter Farmasi Industri edisi Ketiga*, Universitas Indonesia, Jakarta.
- Li, Z., Zhao, L., Lin, X., Shen, L., dan Feng, Y., 2017, Direct Compaction: An Update of Materials, Trouble-Shooting, and Application, *International Journal of Pharmaceutics*, **529**: 543-556.
- Nayak, A. K., Maji, R., Das, B., 2010, Gastroretentive Drug Delivery System: a review, *Asian J. Pharm. Clin*, **3**:2-10.
- Naidu, P. N., Jeevanandham, S., 2015. Development and Evaluation of Floating Drug Delivery System of Levofloxacin. *Int. J. Pharm &Ind. Res.* **5**: 141-146.
- Novotny, J. A., Greif, P., dan Boston, Raymond C., 2003, WinSAAM: Application and Explanation for Use, dalam Novotny, J. A., Green, M. H., dan Boston Ray C. (Editor), *Mathematical Modeling in Nutrition and the Health Sciences*. Springer UD, Boston, MA, hal. 343 – 351.
- Nugroho, A.K., Binnarjo, A., Hakim, A. R., dan Ernawati, Y., 2014, Compartmental Modeling Approach of Losartan Transdermal Transport In Vitro, *Indonesian Journal of Pharmacy*, **25**: 31-38
- Nugroho, A, K., 2016, Aplikasi Modeling Kompartemen Berbasis Populasi Dalam Therapeutic Drug Monitoring Rifampisin sebagai Obat Tuberkulosis Menggunakan Software NONMEM dan Monolix, *Laporan Penelitian*,

Fakultas Farmasi, Universitas Gadjah Mada.

- Nugroho, A. K., 2017, Population-Based Approach to Analyze Sparse Sampling Data in Biopharmaceutic and Pharmacokinetic Studies Using NONMEM and Monolix, *Indonesian Journal of Pharmacy*, **28**(4): 205 – 212.
- Peedikayil, M. C., Alsohaibani, F. I., Alkhenizan, M., 2014, *Lecofloxacin-based First-Line Therapy Versus Standard First-Line Therapy for Helicobacter pylori Eradication: Meta-Analysis of Randomized Controlled Trials*, Plos ONE **9**(1).
- Rivai, H., Yanti, R., dan Chandra, B., 2018, Pengembangan dan Validasi Metode Analisis Levofloksasin Tablet dengan Metode Absorbansi dan Luas Daerah di Bawah Kurva secara Spektrofotometri Ultraviolet, Universitas Andalas, Sumatra Barat.
- Sahu, H., Mishra, S., Jain, V., Upmanyu, N., 2011, Formulation and Evaluation of Effervescent Floating Tablet of Levofloxacin, *Der Pharmacia Lettre*, **3** (6), 272-279.
- Sally A., El-Zahaby, Abeer, A. K., Amal, H., 2014, Design and Evaluation of Gastroretentive Levofloxacin floating mini-tablets-in-capsule System for Eradication of Helicobacter pylori, *Saudi Phram J*, **22** (6): 570-579.
- Sari, F. K., 2017, Profil Disolusi Rifampisin dalam Tablet dengan bahan Pengisi Laktosa dan Analisis Modeling Pelepasan Obatnya, *Skripsi*, Fakultas Farmasi Universitas Gadjah Mada, Yogyakarta.
- Sarisaltik, D., 2007, Bioavailability File: Levofloxacin 13.
- Shargel, L dan Yu, A., 1999, *Applied Biopharmaceutic and Pharmacokinetics*, 4th ed. Appleton & Lange, New York.
- Shargel, L., WuPong, S. and Yu, A.B.C., 2009, *Applied Biopharmaceutics and Pharmacokinetics*, 5th Ed., 445476, Appleton Century Corft, New York.
- Sharma, S., Prashar, M., Sahu, R.K., 2011, Floating Drug Delivery System: Incredible revolution, *Pharmacologyonline*, **3**:1039–1054.
- Siepmann, J., Siepmann, F., 2013, Mathematical Modeling of Drug Dissolution, *International Journal of Pharmacy*, **453**:12-24.
- Staniforth, J., 2002, Powder flow, in Aulton, M.E. (Ed.), *Pharmaceutic The Science of Dosage Form Design*, 2nd ed. 208, ELBS, Hong Kong.
- Stefanovski, D., Moate, P.J., Boston, R.C., 2003. WinSAAM: A Windows-Based Compartmental Modeling System. *Metabolism*, **52**: 1153–1166.
- Sulaiman, T.N.S, Syukri, Y. & Utami, R., 2007, Profil Pelepasan Propanolol HCl dari Tablet Lepas Lambat dengan Sistem Floating menggunakan Matriks Methocel K15M, *Majalah Farmasi Indonesia*, **18**(1): 48 – 55.
- Sulaiman, T.N.S., 2012, *Optimasi Formula Tablet Lepas Lambat Ranitidin dengan Sistem Floating dan Korelasi In Vitro-In Vivo*, Pustaka Fakultas Farmasi Universitas Gadjah Mada, Yogyakarta
- Sun, X., Li, J., 201, PKreport: report generation for checking population pharmacokinetic model assumptions, *BMC Med, Inform, Decis, Mak*, 11:31.
- The United State Pharmacopeial Convention, 2017, The United States

Pharmacopeia (USP), 40th edition, United States.

United States Pharmacopeial Convention, 2014, *The United States Pharmacopeia: The National Formulary*, United States Pharmacopeial Convention Inc., Rockville.

Wastney, M.E., 1999. *Investigating Biological Systems Using Modeling: Strategies and Software*. Academic Press, San Diego CA.

Wilson, D., Wren, S. A. C., dan Reynolds, G. K., 2011, Linking Dissolution to Disintegration in Immediate Release Tablets Using Image Analysis and a Population Balance Modelling Approach, *Pharmaceutical Research*, **29(1)**: 198-208.

Zhang, Y., Huo, M., Zhou, J., Zou, A., Li, W., Yao, C., Xie, S., 2010, DDSolver: An Add-In Program for Modeling and Comparison of Drug Dissolution Profiles, *AAPJS Journal*, **12(3)**: 263-271.