

DAFTAR PUSTAKA

- Aldawsari, M. F., Anwer, Md. K., Ahmed, M. M., Fatima, F., Soliman, G. A., Bhatia, S., Zafar, A., & Aboudzadeh, M. A. (2021). Enhanced Dissolution of Sildenafil Citrate Using Solid Dispersion with Hydrophilic Polymers: Physicochemical Characterization and In Vivo Sexual Behavior Studies in Male Rats. *Polymers*, 13(20), 3512. <https://doi.org/10.3390/polym13203512>
- Azist, A. (2018). Diagram form Two-group simple randomized experimental design. ResearchGate. https://www.researchgate.net/figure/Diagram-form-Two-group-simple-randomized-experimental-design_fig1_328341429
- Azizt, A., & Subiyanto, S. (2018). Digital Game-Based Learning in Arabic Language Learning and its effects on Studentsr Academic Performance. Proceedings of the International Conference on Indonesian Technical Vocational Education and Association (APTEKINDO 2018). <https://doi.org/10.2991/aptekindo-18.2018.13>
- Badan, P., Obat, P., & Makanan, D. (n.d.). BADAN PENGAWAS OBAT DAN MAKANAN REPUBLIK INDONESIA. <https://registrasiobat.pom.go.id/files/regulations/PERATURAN%20BPO M%20NOMOR%2011%20TAHUN%202022%20TENTANG%20TATA %20LAKSANA%20UJI%20BIOEKIVALENSI.pdf>
- Banghar, S. punga. (2023). Polyvinyl Alcohol - an overview | ScienceDirect Topics. [Www.sciencedirect.com.](https://www.sciencedirect.com/topics/agricultural-and-biological-sciences/polyvinyl-alcohol) <https://www.sciencedirect.com/topics/agricultural-and-biological-sciences/polyvinyl-alcohol>
- Bestari, A. (2014). Penggunaan siklodekstrin dalam bidang farmasi cyclodextrins in pharmaceutical field. Angi Nadya Bestari Majalah Farmaseutik, 10(1).
- BPOM. (2011). PEDOMAN UJI BIOEKIVALENSI.
- BPOM. (2022). Daftar obat komparator uji ekivalensi dan daftar obat generik yang telah memenuhi kriteria bioekivalensi. <https://standarobat.pom.go.id/storage/standard/28-daftar-obat-komparator-uji-ekivalensi-dan-daftar-obat-generik-memenuhi-kriteria-be-tahun-2022.pdf>
- Charalabidis, A., Sfouni, M., Bergström, C., & Macheras, P. (2019). The biopharmaceutics classification system (BCS) and the biopharmaceutics drug disposition classification system (BDDCS): Beyond guidelines.

International Journal of Pharmaceutics, 566, 264–281.
<https://doi.org/10.1016/j.ijpharm.2019.05.041>

Darusman, F., Ramadhan, M. S., & Lantika, U. A. (2023). Formulasi dan karakterisasi sediaan orally dissolving film tamsulosin hidroklorida. Jurnal Ilmiah Farmasi Farmasyifa, 6(1), 29–40.
<https://doi.org/10.29313/jiff.v6i1.10717>

David, S., & Khandhar, P. B. (2023, July 17). Double-Blind Study. PubMed; StatPearls Publishing. <https://www.ncbi.nlm.nih.gov/books/NBK546641/>

Diah Muldianah, Sulastri Sulastri, Fatharani, A., Nurdinmayanthi, D. A., Rahmawati, D. S., & Fadhilah, H. (2022). Metode Analisis Paracetamol (Acetaminophen) dalam Darah, Plasma, Dan Serum Manusia. COMSERVA : Jurnal Penelitian Dan Pengabdian Masyarakat, 2(1), 1–12.
<https://doi.org/10.59141/comserva.v2i1.202>

Drugbank. (2005, June). Sildenafil. Go.drugbank.com.
<https://go.drugbank.com/drugs/DB00203>

Fajria, T. R., & Nuwarda, R. F. (2018). Teknologi Sediaan Oral Lapis Tipis Terlarut Cepat (Fast Dissolving Film). Majalah Farmasetika, 3(3), 58.
<https://doi.org/10.24198/farmasetika.v3i3.23341>

Hag-Ali, I., Elmardi, A., & Hussein, M. (2022). Formulation and evaluation of taste-masked azithromycin ready- mix oral suspension. Certified Journal, 8(2).

Hans, R. (2022, July 22). Contoh Teknik Analisis Data dalam Uji Homogenitas. Dqlab.id.
<https://dqlab.id/contoh-teknik-analisis-data-dalam-uji-homogenitas>

Hasanah, A. N. (2018). Metode penambahan surfaktan sebagai substrat pg-p untuk meningkatkan kelarutan obat lipofilik: article review. Farmaka, 16, 42–50.
<https://doi.org/10.24198/jf.v16i2.17620>

Hendriks. (2017). Hubungan antara disfungsi ereksi dengan tingkat keparahan gejala depresi melalui peran self-esteem dan stresor psikososial repository - unair repository. Unair.ac.id.
<https://repository.unair.ac.id/65629/1/abstrak.pdf>

Horvat, G., Rožanc, J., Maver, U., Matjaž Finšgar, Knez, Ž., & Novak, Z. (2024). Reinforcing ethyl cellulose aerogels with poly(lactic acid) for enhanced bone regeneration. Cellulose, 31, 4421–4439.
<https://doi.org/10.1007/s10570-024-05905-w>

- Indra, R., Ida, F., Niniek, R., & Farial, N. (2020). Gambaran Disfungsi Ereksi dan Tingkat Kecemasan Pada Pasien Pre Operasi BPH (Benign Prostatic Hyperplasia) di Poli Urologi Rumah Sakit PMI Kota Bogor - Repository Poltekkes Kemenkes Bandung. Poltekkesbandung.ac.id. <http://repo.poltekkesbandung.ac.id/1736/1/SURAT%20%20PERNYATAAN%20PUBLIKASI.pdf>
- Irfan, M., Rabel, S., Bukhtar, Q., Qadir, M. I., Jabeen, F., & Khan, A. (2016). Orally disintegrating films: A modern expansion in drug delivery system. Saudi Pharmaceutical Journal, 24, 537–546. <https://doi.org/10.1016/j.jps.2015.02.024>
- J.J Berzas Nevado, J Rodríguez Flores, G Castañeda Peñalvo, & N Rodríguez Fariñas. (2002). Determination of sildenafil citrate and its main metabolite by sample stacking with polarity switching using micellar electrokinetic chromatography. Journal of Chromatography A/Journal of Chromatography, 953(1-2), 279–286. [https://doi.org/10.1016/s0021-9673\(02\)00131-0](https://doi.org/10.1016/s0021-9673(02)00131-0)
- Jani, R., & Patel, D. (2016). Design and evaluation of sildenafil citrate fast dissolving film for treatment of erectile dysfunction. Available Online [Www.jocpr.com](http://www.jocpr.com) Journal of Chemical and Pharmaceutical Research, 8(8), 877–891. <https://www.jocpr.com/articles/design-and-evaluation-of-sildenafil-citrate-fast-dissolving-film-for-treatment-of-erectile-dysfunction.pdf>
- Lembaga Penelitian dan Pengabdian Masyarakat Universitas Medan Area. (2022, May 31). Purposive Sampling - Definisi, Keuntungan dan Cara Melakukannya. Lembaga Penelitian Dan Pengabdian Masyarakat. <https://lp2m.uma.ac.id/2022/05/31/purposive-sampling-definisi-keuntungan-dan-cara-melakukannya/#:~:text=Mengapa%20Purposive%20Sampling?>
- Lestari, S., & Rusdiana, T. (2019). Review: Konsep BDDCS (Biopharmaceutical Drug Disposition Classification) sebagai Landasan Pengembangan Produk Obat. Farmasetika.com (Online), 4(3), 66. <https://doi.org/10.24198/farmasetika.v4i3.22960>
- Luqman Ivansyah, A. (2020). Kajian teoretis interaksi antarmolekul pada kompleks inklusi hidroksipropil- β -siklodekstrin dan hidroksiklorokuin. Kajian teoretis interaksi antarmolekul pada kompleks inklusi hidroksipropil- β -siklodekstrin dan hidroksiklorokuin, 7(2). <https://doi.org/10.1038/d41591-020-00019-9>
- Ma, B.-L., Yang, Y., Dai, Y., Li, Q., Lin, G., & Ma, Y.-M. (2017). Polyethylene glycol 400 (PEG400) affects the systemic exposure of oral drugs based on

multiple mechanisms: taking berberine as an example. RSC Advances, 7(5), 2435–2442. <https://doi.org/10.1039/C6RA26284H>

Made, G., & Hidayat, F. (2023). Kejadian Disfungsi Ereksi Pada Pria Yang Menyandang Diabetes Melitus Di Puskesmas Wilayah Jakarta Barat, 5. <https://doi.org/10.46799/syntax-idea.v5i7.2416>

Margareta, H., & Surjani Wonorahardjo. (2023). Optimasi Metode Penetapan Senyawa Eugenol dalam Minyak Cengkeh Menggunakan Gas Chromatography – Mass Spectrum dengan Variasi Suhu Injeksi. Jurnal Sains Dan Edukasi Sains, 6(2), 95–103. <https://doi.org/10.24246/juses.v6i2p95-103>

Miranda, C., Pérez-Rodríguez, Z., Hernández-Armengol, R., Quiñones-García, Y., Betancourt-Purón, T., & Cabrera-Pérez, M. Á. (2018). Biowaiver or bioequivalence: Ambiguity in sildenafil citrate BCS classification. AAPS PharmSciTech, 19, 1693–1698. <https://doi.org/10.1208/s12249-018-0982-7>

Mohamad, N. I. binti. (2021). Review: variasi metode uji disolusi terbanding (udt) Nor Izzati binti Mohamad Nor, Rina Fajri Nuwarda. <https://jurnal.unpad.ac.id/farmaka/article/download/12575/pdf>

Musazzi, U. M., Khalid, G. M., Selmin, F., Minghetti, P., & Cilurzo, F. (2020). Trends in the production methods of orodispersible films. International Journal of Pharmaceutics, 576, 118963. <https://doi.org/10.1016/j.ijpharm.2019.118963>

Newton, Dr. M. (n.d.). What Age Does Erectile Dysfunction Start? [Www.unitypoint.org. https://www.unitypoint.org/news-and-articles/what-age-does-erectile-dysfunction-start---unitypoint-health](https://www.unitypoint.org/news-and-articles/what-age-does-erectile-dysfunction-start---unitypoint-health)

Panelewen, R., Rumbayan, J. M., & Satiawati, L. (2017). Hubungan Usia Penyandang Diabetes Melitus Tipe 2 dan Disfungsi Ereksi. EBiomedik, 5(2). <https://doi.org/10.35790/ebm.v5i2.17513>

Pertiwi, M., Atma, Y., Mustopa, A., & Maisarah, R. (2018). Karakteristik Fisik dan Kimia Gelatin dari Tulang Ikan Patin dengan Pre-Treatment Asam Sitrat. Jurnal Aplikasi Teknologi Pangan, 7(2), 83–91. <https://doi.org/10.17728/jatp.2470>

PubChem. (2023). Menthol. [Pubchem.ncbi.nlm.nih.gov.](https://pubchem.ncbi.nlm.nih.gov/compound/Menthol) <https://pubchem.ncbi.nlm.nih.gov/compound/Menthol>

PULLULAN | Research and Development Stories | Research and Development | Nagase Viita Co., Ltd. (2024). [Nagase.com.](https://group.nagase.com/viita/en/rd/story/03/) <https://group.nagase.com/viita/en/rd/story/03/>

Ramadhan, Muhammad Sultan. (2022, December). View of kajian sediaan orally dissolving film (ODF). Unisba.ac.id. <https://journals.unisba.ac.id/index.php/JRF/article/view/1270/831>

Ramadhan, M. (2021). MODUL AJAR FARMAKOKINETIKA .

Ramadhan, M. S., & Lantika, U. A. (2022). Kajian sediaan orally dissolving film (ODF). Jurnal Riset Farmasi, 89–96. <https://doi.org/10.29313/jrf.v2i2.1270>

Ramadhan, S., & Musfiroh, I. (2021). Review artikel: verifikasi metode analisis obat. 19. <https://jurnal.unpad.ac.id/farmaka/article/viewFile/32328/pdf>

Rani, S., & Pargal, A. (2022). Bioequivalence: An overview of statistical concepts. Indian Journal of Pharmacology, 36(4), 209. https://journals.lww.com/iphr/abstract/2004/36040/bioequivalence_an_overview_of_statistical.2.aspx

Rani, S., Pargal, A., & Patel, B. (2023). Bioequivalence: An overview of statistical concepts Bioequivalence: An overview of statistical concepts.

Ratain, M. J., & K, W. (2015). Principles of Pharmacokinetics. In Nih.gov. BC Decker. <https://www.ncbi.nlm.nih.gov/books/NBK12815/>

Reddy, U., Varaprasad Bobbarala, & Somasekhar Penumajji. (2010). RP-KCKT method development and validation for determination of dissolution and assay of sildenafil citrate tablets. Journal of Pharmacy Research. https://www.researchgate.net/publication/43158602_RP-KCKT_method_development_and_validation_for_determination_of_dissolution_and_assay_of_sildenafil_citrate_tablets

Rifda Husna Arifah, Permatasari, I., & Kusumaningtyas Siwi Artini. (2023). Penggunaan metode kckt pada analisis jamu depot yang mengandung antalgin. Jurnal Jamu Kusuma, 3(1), 54–61. <https://doi.org/10.37341/jurnaljamukusuma.v3i1.52>

Rodrigues Neves, C., Buskermolen, J., Roffel, S., Waaijman, T., Thon, M., Veerman, E., & Gibbs, S. (2019). Human saliva stimulates skin and oral wound healing in vitro. Journal of Tissue Engineering and Regenerative Medicine. <https://doi.org/10.1002/term.2865>

Rusli, A., Metusalach, M., & Tahir, M. M. (2017). Characterization of Carrageenan Edible films Plasticized with Glycerol. Jurnal Pengolahan Hasil Perikanan Indonesia, 20(2), 219. <https://doi.org/10.17844/jphpi.v20i2.17499>

- Saputri, N. H. (2025). BRIN - Badan Riset dan Inovasi Nasional. BRIN - Badan Riset Dan Inovasi Nasional. <https://bimfi.e-journal.id/bimfi/article/view/58/25>
- Sasube, N., & Rampengan, S. H. (2016). Disfungsi ereksi pada penyakit kardiovaskular. JURNAL BIOMEDIK (JBM), 8(1). <https://doi.org/10.35790/jbm.8.1.2016.12330>
- SEVİNÇ ÖZAKAR, R., & ÖZAKAR, E. (2021). Current Overview of Oral Thin Films. Turkish Journal of Pharmaceutical Sciences, 18(1), 111–121. <https://doi.org/10.4274/tjps.galenos.2020.76390>
- Shaw, A., Lawrence, T. E., Yan, T., Liu, M., Summers, N., Venkatesh Daggumati, Sandy Tarr Austria, Juan Carlos Rondon, Hackley, S., Shivani Ohri Vignesh, & Hassan, T. A. (2023). Bioequivalence Studies of Sildenafil Citrate Orodispersible Film Administered with and without Water vs *Viagra* ® Film-Coated Tablets in Healthy Male Volunteers. Current Therapeutic Research, 99, 100708–100708. <https://doi.org/10.1016/j.curtheres.2023.100708>
- Sigma Aldrich. (2024). NMR Chemical Shifts of Impurities Charts. Merck, 1(1). <https://www.sigmaaldrich.com/MX/en/technical-documents/technical-article/genomics/cloning-and-expression/blue-white-screening>
- Siswosudarmo, H. (2017). Uji klinik secara random (ukr). <http://obgin-ugm.com/wp-content/uploads/2017/01/RCT-Rev-Sep-2016.pdf>
- Sumampouw, A. M., Tendean, L., & Wantouw, B. (2015a). Disfungsi Ereksi secara Dini. Jurnal Kedokteran Komunitas Dan Tropik. <https://ejournal.unsrat.ac.id/index.php/JKKT/article/view/9120>
- Sumampouw, A. M., Tendean, L., & Wantouw, B. (2015b). Penanganan disfungsi ereksi secara dini. Ejournal.unsrat.ac.id. <https://ejournal.unsrat.ac.id/v3/index.php/JKKT/article/view/9120/8697>
- Tawale, M. B., Tendean, L., & Setiawati, L. (2016). Gambaran disfungsi ereksi pada pasien dengan benign prostatic hyperplasia (BPH) di Klinik Advent Tikala Manado. Jurnal E-Biomedik, 4. <https://doi.org/10.35790/ebm.4.2.2016.14013>
- Tungadi, R. (2018). TEKNOLOGI SEDIAAN SOLIDA.
- UJI ANOVA. (2014, October 21). Pelatihan Universitas Indonesia. <https://pelatihan-ui.com/uji-anova/>

Uji disolusi terbanding tablet metformin hidroklorida generik berlogo dan bermerek skripsi oleh: devia permata sari 07 613 036 program studi farmasi fakultas matematika & ilmu pengetahuan alam universitas islam indonesia yogyakarta. (2011).
<https://dspace.uui.ac.id/bitstream/handle/123456789/34427/07613036%20Devia%20Permata%20Sari.pdf?sequence=1&isAllowed=y>

User Guidelines | KOMITE ETIK PENELITIAN KESEHATAN. (n.d.). Komite-Etik.fk.ui.ac.id. <https://komite-etik.fk.ui.ac.id/p/index.php/p/userGuidelines>

Wida Nurhamidah, Nurhalimah Nurhalimah, Erisa Mindawati, Abielza Yugha Geralda, & Ermi Abriyani. (2024). Aplikasi Penggunaan Spektroskopi Infrared dan Spektrofotometri UV-Vis Dalam Identifikasi Senyawa Bioaktif Ekstrak Tumbuhan: Literature Review Article. Innovative: Journal of Social Science Research, 4(1), 3612–3622.
<https://doi.org/10.31004/innovative.v4i1.6734>

Wowor, A. J., Tendean, L. E. N., & Rumbajan, J. M. (2021). Pengaruh Diabetes Mellitus Terhadap Kejadian Disfungsi Ereksi. Jurnal E-Biomedik, 9(2).
<https://doi.org/10.35790/ebm.v9i2.31783>

Yoo, H., Cho, S. M., Choi, Y. W., Lee, H. J., Kwon, J.-H., Kim, S.-W., Kim, J. W., Lee, S., & Hong, J.-H. (2017). Comparison of pharmacokinetic characteristics of sildenafil citrate chewable tablets and film-coated tablets in healthy male subjects. Translational and Clinical Pharmacology, 25(3), 153–156. <https://doi.org/10.12793/tcp.2017.25.3.153>

Zhang, J., & Wang, R. (2022). Changes in CYP3A4 Enzyme Expression and Biochemical Markers Under Acute Hypoxia Affect the Pharmacokinetics of Sildenafil. Frontiers in Physiology, 13. <https://doi.org/10.3389/fphys.2022.75576>