

DAFTAR PUSTAKA

- Abas, S. A., Ismail, N., Zakaria, Y., Yasin, S. M., Ibrahim, K., Ismail, I., Razali, A., Sherzkawi, M. A., & Ahmad, N. (2024). Enhancing tuberculosis treatment adherence and motivation through gamified real-time mobile app utilization: a single-arm intervention study. *BMC Public Health*, 24(1). <https://doi.org/10.1186/s12889-023-17561-z>
- Andayani, S. (2020). Prediksi Kejadian Penyakit Tuberkulosis Paru Berdasarkan Jenis Kelamin. *JURNAL KEPERAWATAN MUHAMMADIYAH BENGKULU*, 8(2), 135–140. <https://doi.org/10.36085/jkmu.v8i2.1063>
- Azhimah, H., Syafhan, N. F., & Manurung, N. (2023). Efektifitas Video Edukasi dan Kartu Pengingat Minum Obat Terhadap Kepatuhan Pengobatan dan Kontrol Tekanan Darah pada Pasien Hipertensi. *Jurnal Sains Farmasi & Klinis*, 9(3), 291. <https://doi.org/10.25077/jsfk.9.3.291-301.2022>
- Backes, C., Moyano, C., Rimaud, C., Bienvenu, C., & Schneider, M. P. (2020). Digital Medication Adherence Support: Could Healthcare Providers Recommend Mobile Health Apps? *Frontiers in Medical Technology*, 2. <https://doi.org/10.3389/fmedt.2020.616242>
- Badan Pusat Statistik. (2024). *Jumlah Kasus Penyakit Menurut Kecamatan dan Jenis Penyakit di Kabupaten Banyumas, 2023*. Badan Pusat Statistik Kabupaten Banyumas.
- Birkhoff, S. D., & Smeltzer, S. C. (2017). Perceptions of Smartphone User-Centered Mobile Health Tracking Apps Across Various Chronic Illness Populations: An Integrative Review. *Journal of Nursing Scholarship*, 49(4), 371–378. <https://doi.org/10.1111/jnu.12298>
- Carmody, J. K., Denson, L. A., & Hommel, K. A. (2019). Content and usability evaluation of medication adherence mobile applications for use in pediatrics. *Journal of Pediatric Psychology*, 44(3), 333–342. <https://doi.org/10.1093/jpepsy/jsy086>
- Dahlan, M. S. (2019). *Statistik untuk kedokteran dan kesehatan: Deskriptif, bivariat, dan multivariat* (Edisi 6). Jakarta: Epidemiologi Indonesia.
- Dameery, K., Valsaraj, B. P., Qutishat, M., Obeidat, A., Alkhawaldeh, A., Al Sabei, S., Al Omari, O., ALBashtawy, M., & Al Qadire, M. (2023). Enhancing Medication Adherence Among Patients With Schizophrenia and Schizoaffective Disorder:

- Mobile App Intervention Study. *SAGE Open Nursing*, 9. <https://doi.org/10.1177/23779608231197269>
- Dinas Kesehatan Kabupaten Banyumas. (2024). *Profil kesehatan Banyumas 2024*. Purwokerto: Dinas Kesehatan Kabupaten Banyumas.
- Elliott, E. (2021). *MyTherapy: Medication reminder mobile phone application for type 2 diabetes*. Tesis. University of Delaware.
- Erdian, N., Rosika, H., & Widiartha, I. B. K. (2025). Aplikasi Pengawasan Kepatuhan Minum Obat Pasien Tuberkulosis (TBC) berbasis Mobile. *Edumatic: Jurnal Pendidikan Informatika*, 9(2), 422–431. <https://doi.org/10.29408/edumatic.v9i2.30231>
- Fahrnunisa, J. A. L. (2024). Pengaruh Edukasi Penggunaan Aplikasi Tobat (Tekun Minum Obat) Terhadap Kepatuhan Minum Obat dan Kualitas Hidup Pasien TB Paru di Rumkit Tk. II Prof. dr. In *Jurnal Pengabdian dan Pemberdayaan Masyarakat*, 2(1).
- Fransiska, M. & Hartati, E. (2019). Faktor Risiko Kejadian Tuberculosis. *Jurnal Kesehatan*, 10(3), 252–260. <https://doi.org/10.35730/jk.v10i3.792>
- Ghozali, I. (2016). *Aplikasi Analisis Multivariete Dengan Program IBM SPSS 23*. Edisi 8.
- González de León, B., León Salas, B., del Pino-Sedeño, T., Rodríguez-Álvarez, C., Bejarano-Quisoboni, D., & Trujillo-Martín, M. M. (2021). Mobile applications to improve drug adherence: Review and quality analysis. *Atencion Primaria*, 53(9). <https://doi.org/10.1016/j.aprim.2021.102095>
- Grindrod, K. A., Li, M., & Gates, A. (2014). Evaluating user perceptions of mobile medication management applications with older adults: A usability study. *JMIR MHealth and UHealth*, 2(1). <https://doi.org/10.2196/mhealth.3048>
- Gwet, K. Li. (2014). *Handbook of inter-rater reliability: the definitive guide to measuring the extent of agreement among raters*. Advanced Analytics, LLC.
- Habriani, La Ode Muhamad Sety, & Adius Kusnan. (2023). Factors Influencing Pulmonary Tuberculosis Treatment Adherence Among Farmers in Western Muna District 2022. *Formosa Journal of Sustainable Research*, 2(4), 1015–1026. <https://doi.org/10.55927/fjsr.v2i4.3753>
- Heryanto, C. A. W., Korangbuku, C. S. F., Djeen, M. I. A., & Widayati, A. (2019). Pengembangan dan Validasi Kuesioner untuk Mengukur Penggunaan Internet dan

- Media Sosial dalam Pelayanan Kefarmasian. *Indonesian Journal of Clinical Pharmacy*, 8(3). <https://doi.org/10.15416/ijcp.2019.8.3.175>
- Ismail, A., Prasetya, H., & Ichsan, B. (2023). Meta-Analysis: Drug Side Effect, Smoking, Alcohol Consumptions and Their Relationships with Drug Taking Adherence in Tuberculosis Patients. *Journal of Epidemiology and Public Health*, 8(3), 383–395. <https://doi.org/10.26911/jepublichealth.2023.08.03.09>
- Juliati, L., Makhfudli, M., & Wahyudi, A. S. (2020). Analisis Faktor yang Memengaruhi Kepatuhan Perilaku Pencegahan Penularan dan Kepatuhan Minum Obat pada Pasien Tuberculosis Paru Berbasis Teori Health Belief Model. *Indonesian Journal of Community Health Nursing*, 5(2) <https://doi.org/10.20473/ijchn.v5i2.17694>
- Kemkes RI. (2016). *Pedoman nasional pelayanan kedokteran: Tata laksana tuberculosis*. Jakarta: Kemkes RI.
- Kemkes RI. (2024). *Laporan program penanggulangan Tuberculosis 2023*. Jakarta: Kemkes RI.
- Kesehatan, J. I., Husada, S., Muhammad, Y., Dokter, P., & Kedokteran, F. (2019). LITERATUR REVIEW Hubungan Tingkat Pendidikan Terhadap Kejadian Tuberculosis Paru Relationship of Education Level to Lung Tuberculosis Incidence Artikel info Artikel history. *JIKSH*, 10(2), 288–291. <https://doi.org/10.35816/jiskh.v10i2.173>
- Khoerunisa, E. F., Setiawan, A., Tarjuman, T., & Fathudin, Y. (2023). Lama Pengobatan terhadap Tingkat Kecemasan Pasien TB Paru di Poli Paru RSUD Al - Ihsan Provinsi Jawa Barat. *Jurnal Keperawatan Indonesia Florence Nightingale*, 3(1), 44–51. <https://doi.org/10.34011/jkifn.v3i1.1362>
- Konduri, N., Bastos, L. G. V., Sawyer, K., & Reciolino, L. F. A. (2017). User experience analysis of an eHealth system for tuberculosis in resource-constrained settings: A nine-country comparison. *International Journal of Medical Informatics*, 102, 118–129. <https://doi.org/10.1016/j.ijmedinf.2017.03.017>
- Lee, S., Rajaguru, V., Baek, J. S., Shin, J., & Park, Y. (2023). Digital Health Interventions to Enhance Tuberculosis Treatment Adherence: Scoping Review. In *JMIR mHealth and uHealth*, 11(1). <https://doi.org/10.2196/49741>
- Lestari, N. P. W. A. , Dedy, M.A.E., Artawan, I.M., & Febianti, I. (2022). Perbedaan Usia dan Jenis Kelamin Terhadap Ketuntasan Pengobatan TB Paru Di Puskesmas Di Kota Kupang. *Cendana Medica Journal*, 23 (1).

- Liu, X., Lewis, J. J., Zhang, H., Lu, W., Zhang, S., Zheng, G., Bai, L., Li, J., Li, X., Chen, H., Liu, M., Chen, R., Chi, J., Lu, J., Huan, S., Cheng, S., Wang, L., Jiang, S., Chin, D. P., & Fielding, K. L. (2015). Effectiveness of Electronic Reminders to Improve Medication Adherence in Tuberculosis Patients: A Cluster-Randomised Trial. *PLoS Medicine*, 12(9). <https://doi.org/10.1371/journal.pmed.1001876>
- Lynn, M. R. (1986). Determination and quantification of content validity. *Nursing Research*, 35 (6).
- Miller, P. B., Zalwango, S., Galiwango, R., Kakaire, R., Sekandi, J., Steinbaum, L., Drake, J. M., Whalen, C. C., & Kiwanuka, N. (2021). Association between tuberculosis in men and social network structure in Kampala, Uganda. *BMC Infectious Diseases*, 21(1). <https://doi.org/10.1186/s12879-021-06475-z>
- Mohammed, S., Glennerster, R., & Khan, A. J. (2016). Impact of a daily SMS medication reminder system on tuberculosis treatment outcomes: A randomized controlled trial. *PLoS ONE*, 11(11). <https://doi.org/10.1371/journal.pone.0162944>
- Mohapatra, S., Javed Khan, M., Nayak, S., & Mohapatra, D. (2021). Incidence of Hyperuricemia and Gouty Arthritis in Patients Taking Pyrazinamide for the Treatment of Tuberculosis. *Annals of the Romanian Society for Cell Biology*, 25(6), 324–328.
- Morawski, K., Ghazinouri, R., Krumme, A., Lauffenburger, J. C., Lu, Z., Durfee, E., Oley, L., Lee, J., Mohta, N., Haff, N., Juusola, J. L., & Choudhry, N. K. (2018). Association of a smartphone application with medication adherence and blood pressure control: The MedISAFE-BP randomized clinical trial. *JAMA Internal Medicine*, 178(6), 802–809. <https://doi.org/10.1001/jamainternmed.2018.0447>
- Nadillah, Sukarno, A., Dewi, R., & Mulyana, B. (2023). HUBUNGAN EFEK SAMPING OBAT ANTI TUBERKULOSIS (OAT) TERHADAP KEPATUHAN PENGOBATAN PASIEN TB PARU DI PUSKESMAS BAJA KOTA TANGERANG. *Indonesian Journal of Nursing Health Science ISSN*, 8(2), 123–131.
- Ng, R., Carter, S.R., & El-Den, S. (2020). The impact of mobile applications on medication adherence: a systematic review. *Translational Behavioral Medicine*, 10 (6). <https://doi.org/10.1093/tbm/ibz125>
- Nguyen, T. M. U., La Caze, A., & Cottrell, N. (2014). What are validated self-report adherence scales really measuring? A systematic review. *British Journal of Clinical Pharmacology*, 77(3), 427–445. <https://doi.org/10.1111/bcp.12194>

- Ngwatu, B. K., Nsengiyumva, N. P., Oxlade, O., Mappin-Kasirer, B., Nguyen, N. L., Jaramillo, E., Falzon, D., Schwartzman, K., Abubakar, I., Alipanah, N., Bastos, M., Boccia, D., Chin, D., Cohen, T., Davis, J. L., Denkinger, C., Falzon, D., Fielding, K., Free, C., Trajman, A. (2018). The impact of digital health technologies on tuberculosis treatment: A systematic review. In *European Respiratory Journal*, 51(1) <https://doi.org/10.1183/13993003.01596-2017>
- Noperayanti, N. W. E., Prihandhani, I. G., & Pradipta, I. D. G. A. F. (2021). Hubungan Motivasi Diri Dengan Kepatuhan Minum Obat Anti Tuberculosis (Oat) Pada Pasien Tb Paru Di Poliklinik Rumah Sakit Tk Ii Udayana Denpasar. *Jurnal Medika : Karya Ilmiah Kesehatan*, 6(1). <https://doi.org/10.35728/jmkik.v6i1.105>
- Novalisa, N., Susanti, R., & Nurmainah, N. (2022). Analisis Faktor-faktor yang Mempengaruhi Kepatuhan Penggunaan Obat Tuberculosis pada Pasien di Puskesmas. *Journal Syifa Sciences and Clinical Research*, 4(1). <https://doi.org/10.37311/jsscr.v4i2.14195>
- Nugroho, D. E., & Wulandari, R. (2025). Persepsi Kemudahan dan Persepsi Kemanfaatan: Kunci Sikap Positif terhadap Aplikasi KlikDokter di Indonesia. *Jurnal Manajemen Informasi Kesehatan Indonesia*, 13(1), 50131. <https://doi.org/10.33560/jmiki.v13i1.795>
- Nurakysh, S., Kurakbayev, K., Kosherbaeva, L., Tazhiyeva, A., Aimakhanova, A., Kulkaeva, G., Asykbaeva, L., Ainabekov, M., Fakhradiyev, I., & Tanabayeva, S. (2022). Evaluation of the Effectiveness of the Mobile Application on Adherence of Patients With Arterial Hypertension. *Acta Informatica Medica*, 30(1), 18–24. <https://doi.org/10.5455/aim.2022.30.18-24>
- Owie, G. O., Olotu, S. O., & James, B. O. (2018). Reliability and validity of the Medication Adherence Rating Scale in a cohort of patients with schizophrenia from Nigeria. *Trends in psychiatry and psychotherapy*, 40(2), 85–92. <https://doi.org/10.1590/2237-6089-2017-0077>
- Pakpahan, J. E. S., & Ramadhani, Y. (2024). Hubungan Pengetahuan Dan Motivasi Dengan Kepatuhan Minum Obat Pada Pasien TB Paru Di RS Malahayati Medan. *Jurnal Kesehatan Ilmiah Indonesia (Indonesian Health Scientific Journal)*, 9(1).
- Pal, S., Biswas, B., Gupta, R., Kumar, A., & Gupta, S. (2023). Exploring the factors that affect user experience in mobile-health applications: A text-mining and machine-learning approach. *Journal of Business Research*, 156. <https://doi.org/10.1016/j.jbusres.2022.113484>

- Perhimpunan Dokter Paru Indonesia. (2021). *PANDUAN UMUM PRAKTIK KLINIS PENYAKIT PARU DAN PERNAPASAN*. Jakarta: Perhimpunan Dokter Paru Indonesia.
- Polit, D. F., Beck, C. T., & Owen, S. V. (2007). Focus on research methods: Is the CVI an acceptable indicator of content validity? Appraisal and recommendations. *Research in Nursing and Health*, 30(4), 459–467. <https://doi.org/10.1002/nur.20199>
- Pratiwi, A. P., Sari, P. I., & Subandi, A. (2025). HUBUNGAN TINGKAT PENGETAHUAN DENGAN PERSEPSI PASIEN TUBERKULOSIS DALAM KEPATUHAN MINUM OBAT DI PUSKESMAS PUTRI AYU KOTA JAMBI. *Jurnal Ners*, 9(1). <http://journal.universitaspahlawan.ac.id/index.php/ners>
- Pusporini, P., Tamtomo, D. G., & Prasetya, H. (2024). Adherence to Direct Observed Treatment Short-Course Treatment in Tuberculosis: Application of the Health Belief Model. *Journal of Health Promotion and Behavior*, 9(2), 154–165. <https://doi.org/10.26911/thejhp.2024.09.02.06>
- Qin, N., Chen, J., Chen, L., Hu, W., Feng, Y., Xu, C., Zhang, H., Hou, Y., Tang, L., Shen, X., & Wu, Z. (2025). Effectiveness of a mobile health application on treatment outcomes among patients with tuberculosis in Shanghai, China: A multicentre randomised controlled trial. *BMJ Global Health*, 10(6). <https://doi.org/10.1136/bmjgh-2024-018022>
- Qiu, L., Tong, Y., Lu, Z., Gong, Y., & Yin, X. (2019). Depressive symptoms mediate the associations of stigma with medication adherence and quality of life in tuberculosis patients in China. *American Journal of Tropical Medicine and Hygiene*, 100(1), 31–36. <https://doi.org/10.4269/ajtmh.18-0324>
- Gunawan, A.R.S., Simbolon, R. L., & Fauzia, D. (2017). Faktor-Faktor Yang Mempengaruhi Tingkat Kepatuhan Pasien Terhadap Pengobatan Tuberkulosis Paru Di Lima Puskesmas Se-Kota Pekanbaru. *JOM FK*, 4(2).
- Reyaan, I. B. M., Faustincia, I., & Zazuli, Z. (2023). Dampak Intervensi Edukasi dan Aplikasi Pengingat Minum Obat terhadap Pengetahuan dan Kepatuhan Pasien Tuberkulosis Paru di Puskesmas di Kota Bandung. *JURNAL MANAJEMEN DAN PELAYANAN FARMASI (Journal of Management and Pharmacy Practice)*, 13(4). <https://doi.org/10.22146/jmpf.88408>
- Sa'adah, Y. N., & Rizky, F. (2025). Aplikasi Mytheraphy Dalam Peningkatan Kepatuhan Konsumsi Tablet Fe Pada Ibu Hamil Trimester Iii. *Jurnal Ilmiah Ilmu Kebidanan Dan Kesehatan*, 16(1), 51–57.

- Saputra, Y. A., Apriliany, F., Wisda, M., & Ramdhany, P. (2024). Pengaruh Reminding melalui WhatsApp terhadap Kepatuhan Minum Obat pada Pasien Tuberkulosis Paru The Influence of Reminding through WhatsApp on Medication Adherence in Pulmonary Tuberculosis Patients. *BIOCITY Journal of Pharmacy Bioscience and Clinical Community*, 2(2), 89–100.
- Sari, A. R., Purwanto, H., & Rofi'i, A. Y. A. B. (2022). Gambaran Keberhasilan Pengobatan Pada Pasien Tuberkulosis Paru Di Puskesmas Semanding. *Jurnal Keperawatan Widya Gantari Indonesia*, 6(2), 106. <https://doi.org/10.52020/jkwgi.v6i2.3374>
- Scott, W. A. (1955). *Reliability of Content Analysis: The Case of Nominal Scale Coding*. <http://poq.oxfordjournals.org/>
- Simamora, S., Mangunsong, S., & Rulianti, M. R. (2024). Pencegahan Drop-Out Pengobatan TB Akibat Efek Samping Pada Penggunaan Oat Fix Dose Combination. *LINK*, 20(1), 54–62. <https://doi.org/10.31983/link.v20i1.11297>
- Siringoringo, M., & Gurning, P. P. B. (2022). Hubungan Pelayanan Tenaga Kesehatan Dengan Kepatuhan Minum Obat Pada Pasien Tuberculosis Multidrug-Resistant Di RSUP H. Adam Malik Medan. *Jurnal Visi Eksakta*, 4(2), 2787. <https://doi.org/10.51622/eksakta.v4i2.2787>
- Subbaraman, R., de Mondesert, L., Musiimenta, A., Pai, M., Mayer, K. H., Thomas, B. E., & Haberer, J. (2018). Digital adherence technologies for the management of tuberculosis therapy: mapping the landscape and research priorities. *BMJ Global Health*, 3(5), e001018. <https://doi.org/10.1136/bmjgh-2018-001018>
- Suharjo and Girsang, M. (2015). *Hubungan Faktor Sosial Demografi Terhadap Kejadian Tuberkulosis Menurut Stratifikasi Jenis Kelamin Di Jawa Tengah*. *Jurnal Ekologi Kesehatan*, 14(1).
- Sukarno, A., Dewi, R., Mulyana, B., Arjuna Utara No, J., Kebon Jeruk, K., & Jakarta, D. (2023). Hubungan Efek Samping Obat Anti Tuberkulosis (Oat) Terhadap Kepatuhan Pengobatan Pasien Tb Paru Di Puskesmas Baja Kota Tangerang. *Indonesian Journal of Nursing Health Science ISSN*, 8(2), 123–131.
- Suprijandani, S., Setiawan, S., Pathurrahman, P., Wardoyo, S., & Rahayyu, A. M. (2025). The behaviour of TB patients in East Lombok through a health belief model approach. *Journal of Health, Population and Nutrition*, 44(1). <https://doi.org/10.1186/s41043-025-00746-0>

- Thompson, K., Kulkarni, J., & Sergejew, A. A. (2000). Reliability and validity of a new Medication Adherence Rating Scale (MARS) for the psychoses k. In *Schizophrenia Research* (Vol. 42). www.elsevier.com/locate/schres
- Trishela, D., Dewi Amir, M., & Lidiyawati, H. (2024). Pengaruh Pendidikan Kesehatan Terhadap Kepatuhan Minum Obat Pada Penderita Tb Paru Di Wilayah Kerja Uptd Puskesmas Gunungguruh Kabupaten Sukabumi. *Journal Health Society*, 13(1).
- Wang, N., Zhou, Y., Huang, F., Bai, L., Chen, Y., Yang, Y., & Chen, W. (2023). How integrated digital tools can improve tuberculosis medication adherence: A longitudinal study in China. *Telemedicine and e-Health*, 30(2), 186–193. <https://doi.org/10.1089/tmj.2023.0084>
- Wijaya, B. D., Prasetyo, J., & Santoso, S. R. P. (2021). HUBUNGAN TINGKAT KECEMASAN DAN DEPRESI PADA PENGOBATAN TUBERCULOSIS (TBC). *JURNAL EDUNursing*, 5(1). <http://journal.unipdu.ac.id>
- World Health Organization. (2017). *Digital health for the End TB strategy: progress since 2015 and future perspectives Meeting Report*. <http://apps.who.int/bookorders>.
- World Health Organization. (2024). *Global Tuberculosis Report*.
- Wulandari, Rr. C. L., Jannah, M., & Ludin, P. F. (2025). The Effectiveness of Using the Modern Reminder My Therapy Application on Fe Tablet Consumption Adherence. *Jurnal Kebidanan*, 14(2). <https://doi.org/10.31983/jkb.v14i2.11084>
- Yati, & Sukihananto. (2024). Efektifitas Pengawasan Minum Obat Pada Penderita Tuberkulosis Paru Dengan Menggunakan Media Komunikasi Smartphone Terhadap Tingkat Kepatuhan : Literature Review. *Cendekia Medika : Jurnal STIKES Al-Ma'arif Baturaja*, 9(1).
- Yusransyah, Y., Stiani, S., Chairani, F., Adini, S., Subchan, M., Ferdiyansyah, F., Putri, N., Pratiwi, R., & Udin, B. (2025). Effectiveness of TB-Reminder Application in Improving Medication Adherence and Quality of Life of Lung Tuberculosis Patients in Indonesia. *Sciences of Pharmacy*, 4(3), 117–0. <https://doi.org/10.58920/sciphar0403358>
- Zapata, B. C., Fernández-Alemán, J. L., Idri, A., & Toval, A. (2015). Empirical Studies on Usability of mHealth Apps: A Systematic Literature Review. *Journal of Medical Systems*, 39(2), 1–19. <https://doi.org/10.1007/s10916-014-0182-2>

Zhang, X., Raghavan, V., & Yang, X. (2023). Health perceptions and attitudes on mobile health apps in China. *Health Informatics Journal*, 29(4). <https://doi.org/10.1177/14604582231207745>

Zulfikar, R., Sari, F.P., Fatmayati, A., & Wandini, K. (2024). *Metode Penelitian Kuantitatif (Teori, Metode, dan Praktik)*. Penerbit Widina Media Utama.

