

DAFTAR PUSTAKA

- AIDS gov, 2014. 'Who is at Risk for HIV?', . URL: <https://www.aids.gov/hiv-aids-basics/prevention/reduce-your-risk/who-is-at-risk-for-hiv/> (diakses tanggal 21/12/2016).
- Almeida, R.F. de C. dan Vieira, A.P.G.F., 2009. Evaluation of HIV/AIDS patients' knowledge on antiretroviral drugs. *The Brazilian Journal of Infectious Diseases: An Official Publication of the Brazilian Society of Infectious Diseases*, **13**: 183–190.
- Al-Qazaz, H.K., Hassali, M.A., Shafie, A.A., Sulaiman, S.A., Sundram, S., dan Morisky, D.E., 2010. The eight-item Morisky Medication Adherence Scale MMAS: translation and validation of the Malaysian version. *Diabetes Research and Clinical Practice*, **90**: 216–221.
- Amir, M.T., 2015. *Merancang kuesioner Konsep dan Panduan untuk Penelitian Sikap, Kepribadian dan Perilaku*, 1st ed. Prenadamedia Group, Jakarta Indonesia.
- Arikunto, S., 2013. *Prosedur Penelitian Suatu Pendekatan Praktek Revisi VI*. PT. Rineka Cipta, Jakarta Indonesia.
- Ashur, S.T., Shamsuddin, K., Shah, S.A., Bosseri, S., dan Morisky, D.E., 2015. Reliability and known-group validity of the Arabic version of the 8-item Morisky Medication Adherence Scale among type 2 diabetes mellitus patients/Fiabilite et validite par groupe connu de la version en langue Arabe du questionnaire de Morisky a 8 items sur l'adhesion au traitement chez des patients atteints de diabete de type 2. *Eastern Mediterranean Health Journal*, **21**: 722.
- Bonolo, P., Ceccato, M., Rocha, G., Acurcio, F., Campos, L., dan Guimaraes, M., 2013. Gender differences in non-adherence among Brazilian patients initiating antiretroviral therapy. *Clinics*, **68**: 612–620.
- Burge, S., White, D., Bajorek, E., Bazaldua, O., Trevino, J., Albright, T., dkk., 2005. Correlates of medication knowledge and adherence: findings from the residency research network of South Texas. *Family Medicine*, **37**: 712–718.

Cardoso, S.W., Torres, T.S., Santini-Oliveira, M., Marins, L.M.S., Veloso, V.G., dan Grinsztejn, B., 2013. Aging with HIV: a practical review. *The Brazilian Journal of Infectious Diseases*, **17**: 464–479.

Chaiyachati, K.H., Ogbuoji, O., Price, M., Suthar, A.B., Negussie, E.K., dan Bärnighausen, T., 2014. Interventions to improve adherence to antiretroviral therapy: a rapid systematic review. *AIDS*, **28**: S187–S204.

Cohen, C.J., Meyers, J.L., dan Davis, K.L., 2013. Association between daily antiretroviral pill burden and treatment adherence, hospitalisation risk, and other healthcare utilisation and costs in a US medicaid population with HIV -- Cohen et al. 3 (8) -- *BMJ Open*. *BMJ Open*, **3**: .

Crabtree-Ramírez, B., Villasís-Keever, A., Galindo-Fraga, A., del Río, C., dan Sierra-Madero, J., 2010. Effectiveness of Highly Active Antiretroviral Therapy (HAART) Among HIV-Infected Patients in Mexico. *AIDS Research and Human Retroviruses*, **26**: 373–378.

Cruz, M.L.S., Cardoso, C.A.A., Darmont, M.Q., Souza, E., Andrade, S.D., D’Al Fabbro, M.M., dkk., 2014. Viral suppression and adherence among HIV-infected children and adolescents on antiretroviral therapy: results of a multicenter study. *Jornal de Pediatria*, **90**: 563–571.

Dahlan, M.S., 2014. *Statistik Untuk Kedokteran Dan Kesehatan Deskriptif, Bivariat Dan Multivariat Dilengkapi Aplikasi Menggunakan SPSS*, 6th ed. Jakarta Indonesia.

Oliveira-Filho, A.D., Morisky, D.E., Felizardo Neves, S.J., Costa, F.A., dan de Lyra Junior, D.P., 2014. The 8-item Morisky Medication Adherence Scale: Validation of a Brazilian–Portuguese version in hypertensive adults - Research in Social and Administrative Pharmacy. *Elsevier*, **10**: 554–561.

Demisse, R., Mekonnen, A., Amogne, W., dan Shibeshi, W., 2014. Knowledge and adherence to Antiretroviral Therapy among adult people living with HIV/AIDS at Tikur Anbessa Specialized Hospital, Ethiopia. *International Journal of Basic & Clinical Pharmacology*, **3**: 1.

Dulmen, S.V., Sluijs, E., van Dijk, L., de Ridder, D., Heerdink, R., dan Bensing, J., 2007. Patient adherence to medical treatment: a review of reviews. *BMC health services research*, **7**: 55.

- Dyrehave, C., Rasmussen, D.N., Hønge, B.L., Jespersen, S., Correia, F.G., Medina, C., dkk., 2015. Nonadherence is Associated with Lack of HIV-Related Knowledge A Cross-Sectional Study among HIV-Infected Individuals in Guinea-Bissau. *Journal of the International Association of Providers of AIDS Care (JIAPAC)*, 2325957415599211.
- Ehlers, V.J. dan Tshisuyi, E.T., 2015. Adherence to antiretroviral treatment by adults in a rural area of Botswana. *Curationis*, **38**: .
- Faustine, I., 2012. 'Evaluasi Pengaruh Konseling Farmasis Terhadap Hasil Terapi Pasien Hipertensi Usia Lanjut Di Poliklinik Jantung RSUD. UNDATA Palu Periode November-Desember 2011 Tesis', . Universitas Gadjah Mada, Yogyakarta.
- Gokarn, A., Narkhede, M.G., Pardeshi, G.S., dan Doibale, M.K., 2012. Adherence to antiretroviral therapy. *JAPI*, **60**: 17.
- Goldman, 2009. 'HIV Monitoring Test Basics', *TheBody.com*. URL: <http://www.thebody.com/content/50043/hiv-monitoring-test-basics.html> (diakses tanggal 20/4/2016).
- Gonzalez, A., Mimiaga, M.J., Israel, J., Andres Bedoya, C., dan Safren, S.A., 2013. Substance Use Predictors of Poor Medication Adherence: The Role of Substance Use Coping Among HIV-Infected Patients in Opioid Dependence Treatment. *AIDS and Behavior*, **17**: 168–173.
- Hansana, V., Sanchaisuriya, P., Durham, J., Sychareun, V., Chaleunvong, K., Boonyaleepun, S., dkk., 2013. Adherence to Antiretroviral Therapy (ART) among People Living With HIV (PLHIV): a cross-sectional survey to measure in Lao PDR. *BMC Public Health* 2013, **13**: 617.
- Heestermans, T., Browne, J.L., Aitken, S.C., Vervoort, S.C., dan Klipstein-Grobusch, K., 2016. Determinants of adherence to antiretroviral therapy among HIV-positive adults in sub-Saharan Africa: a systematic review. *BMJ Global Health*, **1**: e000125.

Igbende, I., Aumbur, D., Dooior, D., Mkpelanga, M., Ogwuchwe, O., Chinelo, H., dkk., 2016. Belief in Spiritual Healing, Gender and Adherence to Medication among HIV/AIDS Patients in Benue State, Nigeria. *European Centre for Research Training and Development UK*, **4**: 22–30.

Itsna Diah, K., 2014. 'Pengaruh Pemberian Konseling Farmasis dan Alat Bantu Kartu Pengingat Pengobatan Terhadap Kepatuhan dan Outcome Klinik Pasien Diabetes Melitus Tipe2 Anggota PROLANIS Pada Dokter Keluarga', . Universitas Gadjah Mada, Yogyakarta.

Jensen-Fangel, S., 2004. The effectiveness of highly active antiretroviral therapy in HIV-infected patients. *Dan Med Bull*, **51**: 371–92.

Kemenkes RI, 2006. *Pedoman Pelayanan Kefarmasian Untuk Orang Dengan HIV/AIDS (ODHA) — Direktorat Jenderal Kefarmasian Dan Alat Kesehatan Kementerian Kesehatan RI Jakarta.*

Kemenkes RI, 2011. *Pedoman Nasional Tatalaksana Klinis Infeksi HIV dan Terapi Antiretroviral Pada Orang Dewasa, Kementerian Kesehatan Republik Indonesia, Direktorat Jenderal Pengendalian Penyakit dan Penyehatan Lingkungan Jakarta.*

Kemenkes RI, 2015. *Profil Kesehatan Indonesia Tahun 2014, Kementerian Kesehatan Republik Indonesia 138 -142.*

Kim, S.-H., Gerver, S.M., Fidler, S., dan Ward, H., 2014. Adherence to antiretroviral therapy in adolescents living with HIV: systematic review and meta-analysis. *AIDS*, **28**: 1945–1956.

Koda-Kimble, M.A. dan Alldredge, B.K. (Editor), 2013. *Applied Therapeutics: The Clinical Use of Drugs*. Wolters Kluwer/Lippincott Williams & Wilkins.

Lam, W.Y., Fresco, P., Lam, W.Y., dan Fresco, P., 2015. Medication Adherence Measures: An Overview, Medication Adherence Measures: An Overview. *BioMed Research International, BioMed Research International*, **2015**: e217047.

Lemeshow S, H.D.W, Klan J, dan Lwanga S, 1997. *Besar Sampel Dalam Penelitian Kesehatan*. Gadjah Mada University Press, Yogyakarta.

Li, M.J., Murray, J.K., Suwanteerangkul, J., dan Wiwatanadate, P., 2014. Stigma, Social Support, and Treatment Adherence Among HIV-Positive Patients in Chiang Mai, Thailand. *AIDS Education and Prevention*, **26**: 471–483.

Luckheeram, R.V., Zhou, R., Verma, A.D., dan Xia, B., 2012. CD4⁺T cells: differentiation and functions. *Clinical & Developmental Immunology*, **2012**: 925135.

Mathur, P., 2011. Hand hygiene: Back to the basics of infection control. *Indian J Med Res*, **134**: 611–620.

Méda, Z.C., Lin, Y.-T., Sombié, I., Maré, D., Morisky, D.E., dan Chen, Y.-M.A., 2014. Medication-adherence predictors among patients with tuberculosis or human immunodeficiency virus infection in Burkina Faso. *Journal of Microbiology, Immunology and Infection*, **47**: 222–232.

Mini, K., Ramesh, A., Parthasarathi, G., Mothi, S., dan Swamy, V., 2012. Impact of pharmacist provided education on medication adherence behaviour in HIV/AIDS patients treated at a non-government secondary care hospital in India. *Journal of AIDS and HIV Research*, **4**: .

Morisky, D.E., Ang, A., Krousel-Wood, M., dan Ward, H.J., 2008. Predictive validity of a medication adherence measure in an outpatient setting. *The Journal of Clinical Hypertension*, **10**: 348–354.

Nachega, J.B., Uthman, O.A., Anderson, J., Peltzer, K., Wampold, S., Cotton, M.F., dkk., 2012. Adherence to antiretroviral therapy during and after pregnancy in low-income, middle-income, and high-income countries: a systematic review and meta-analysis. *AIDS*, **26**: 2039–2052.

Nelsen, A., Gupta, S., Trautner, B., Petersen, N., Garza, A., Giordano, T., dkk., 2013. Intention to adhere to HIV treatment: a patient-centred predictor of antiretroviral adherence: Predictors of HIV treatment adherence. *HIV Medicine*, **14**: 472–480.

- Nguyen, T.-M.-U., Caze, A.L., dan Cottrell, N., 2014. What are validated self-report adherence scales really measuring?: a systematic review: Systematic review on validated medication adherence measurement scales. *British Journal of Clinical Pharmacology*, **77**: 427–445.
- Notomodjo, S., 2014. *Promosi Kesehatan dan Perilaku Keseh*, Revisi. ed. Rineka Cipta, Jakarta Indonesia.
- Okeke, C., Onwasigwe, C., dan Ibegbu, M., 2013. The effect of age on knowledge of HIV/AIDS and risk related behaviours among army personnel. *African Health Sciences*, **12**: .
- Olowookere, S.A., Fatiregun, A.A., Ladipo, M.M.A., Abioye-Kuteyi, E.A., dan Adewole, I.F., 2016. Effects of adherence to antiretroviral therapy on body mass index, immunological and virological status of Nigerians living with HIV/AIDS. *Alexandria Journal of Medicine*, **52**: 51–54.
- Osterberg, L. dan Blaschke, T., 2005. Adherence to Medication. *New England Journal of Medicine*, **353**: 487–497.
- Paterson, D.L., Swindells, S., Mohr, J., Brester, M., Vergis, E.N., Squier, C., dkk., 2000. Adherence to protease inhibitor therapy and outcomes in patients with HIV infection. *Annals of Internal Medicine*, **133**: 21–30.
- Plakas, S., Mastrogiannis, D., Mantzorou, M., Adamakidou, T., Fouka, G., Bouziou, A., dkk., 2016. Validation of the 8-Item Morisky Medication Adherence Scale in Chronically Ill Ambulatory Patients in Rural Greece. *Open Journal of Nursing*, **06**: 158–169.
- Population Council, Horizons, International Centre for Reproductive Health, dan Coast Province General Hospital, 2004. *Adherence to Antiretroviral Therapy in Adults: A Guide for Trainers*. Population Council, Horizons Program, Nairobi, Kenya.
- Potchoo, Y., Tchamdja, K., Balogou, A., Pitche, V.P., Guissou, I.P., dan Kassang, E.K., 2010. Knowledge and adherence to antiretroviral therapy among adult people living with HIV/AIDS treated in the health care centers of the association “Espoir Vie Togo” in Togo, West Africa. *BMC Clinical Pharmacology*, **10**: 11.

- Rajesh, R., Vidyasagar, S., Muralidhar, D., Guddattu, V., dan Hameed, A., 2013. Evaluating the Impact of Educational Interventions on Use of Highly Active Antiretroviral Therapy and Adherence Behavior in Indian Human Immunodeficiency Virus Positive Patients: Prospective Randomized Controlled Study. *Journal of AIDS & Clinical Research*, **04**: .
- Sabaté, E. dan World Health Organization (Editor), 2003. *Adherence to Long-Term Therapies: Evidence for Action*. World Health Organization, Geneva.
- Saleem, F., Hassali, M.A., Shafie, A.A., Al-Qazaz, H.K., Atif, M., Haq, N., dkk., 2011. PRM29 Translation and Validation Study of Morisky Medication Adherence Scale (MMAS): The Urdu Version. *Value in Health*, **14**: A426.
- Savoldelli, K., F, G., J, P., E, L., Vinay N, P., PF, P., dkk., 2012. Validation of a French version of the 8-item Morisky medication adherence scale in hypertensive adults. - PubMed - NCBI. *JClin Hypertens*, **14**: 429–434.
- Sequera, S. dan Alvares, I., 2015. Knowledge and self-reported practice of people living with Human immunodeficiency virus, with regard to antiretroviral therapy (ART) in Mangalore, India. *Muller Journal of Medical Sciences and Research*, **6**: 45.
- Sharma, S., Dhungana, G.P., Pokhrel, B.M., dan Rijal, B.P., 2010. Opportunistic infections in relation to CD4 level among HIV seropositive patients from central Nepal. *Nepal Med Coll J*, **12**: 1–4.
- Shigdel, R., Ahmed, L.A., Klouman, E., dan Bhandari, A., 2014. Factors associated with adherence to antiretroviral therapy in HIV-infected patients in Kathmandu District, Nepal. *HIV/AIDS - Research and Palliative Care*, 109.
- Simoni, J.M., Kurth, A.E., Pearson, C.R., Pantalone, D.W., Merrill, J.O., dan Frick, P.A., 2006. Self-Report Measures of Antiretroviral Therapy Adherence: A Review with Recommendations for HIV Research and Clinical Management. *AIDS and behavior*, **10**: 227–245.

- Södergård, B., Höfer, S., Halvarsson, M., Sönnnerborg, A., Tully, M.P., dan Lindblad, A.K., 2007. A structural equation modeling approach to the concepts of adherence and readiness in antiretroviral treatment. *Patient Education and Counseling*, **67**: 108–116.
- Stromberg, A., 2005. The crucial role of patient education in heart failure - Strömberg - 2005 - European Journal of Heart Failure - Wiley Online Library. *The European Journal of Heart Failure*, **7**: 363–369.
- Tjokroprawito, A., Setiawan, P.B., Effendi, C., Santoso, D., dan Soegiarto, G., 2015. *Buku Ajar Ilmu Penyakit Dalam Fakultas Kedokteran Universitas Airlangga*, 2nd ed. Airlangga University Press (AUP), Surabaya Indonesia.
- Tseng, A., Foisy, M., Hughes, C.A., Kelly, D., Chan, S., Dayneka, N., dkk., 2012. Role of the Pharmacist in Caring for Patients with HIV/AIDS: Clinical Practice Guidelines. *The Canadian Journal of Hospital Pharmacy*, **65**: 125–145.
- Vigneshwaran, E., Padmanabha, R., dan Devanna, N., 2013. Development and Validation of patient information leaflet for HIV/AIDS patients | Indian Journal of Pharmacy Practice. *Indian Journal of Pharmacy Practice*, **6**: 41–46.
- Weaver, E.R.N., Pane, M., Wandra, T., Windiyaningsih, C., Herlina, dan Samaan, G., 2014. Factors that Influence Adherence to Antiretroviral Treatment in an Urban Population, Jakarta, Indonesia. *PLoS ONE*, **9**: e107543.
- Wells, B.G., Dipiro, J.T., Schwinghammer, T.L., dan Dipiro, C.V., 2015. *Pharmacotherapy Handbook*, ninth. ed. Mc Graw Hill.
- Wiffen, P., Mitchell, M., Snelling, M., dan Stoner, N., 2012. *Oxford Handbook of Clinical Pharmacy - Philip Wiffen, Marc Mitchell, Melanie Snelling, Nicola Stoner - Oxford University Press*, 2nd ed. Oxford Medical Handbooks.

Wijaya, D.U., 2011. 'Pengaruh Edukasi Oleh Apoteker Terhadap Kepatuhan (Adherence) Pasien HIV Rawat Jalan yang Menerima Pengobatan Antiretroviral di Klinik VCT RSUD. Dr. Moewardi Surakarta, Tesis', . Universitas Gadjah Mada, Yogyakarta.

World Health Organization, 2013. *Consolidated Guidelines on the Use of Antiretroviral Drugs for Treating and Preventing HIV Infection: Recommendations for a Public Health Approach.*

Yan, J., You, L.-M., Yang, Q., Liu, B., Jin, S., Zhou, J., dkk., 2014. Translation and validation of a Chinese version of the 8-item Morisky medication adherence scale in myocardial infarction patients. *Journal of Evaluation in Clinical Practice*, **20**: 311–317.

Yasin, N.M., Maranty, H., dan Ningsih, W.R., 2011. Analisis respon terapi antiretroviral pada pasien HIV/AIDS. *Majalah Farmasi Indonesia*, **22**: 212–222.

Yaya, I., Landoh, D., Saka, B., Massoubayo, P., Peter, W., Aboubakari, A. samadou, dkk., 2014. Predictors of adherence to antiretroviral therapy among people living with HIV and AIDS at the regional hospital of Sokodé, Togo | *BMC Public Health* | **14**: .

LAMPIRAN

Lampiran 1 Penjelasan kepada Calon Subjek Penelitian

Saya Reny Anggraini mahasiswa Pascasarjana Magister Farmasi Klinik, Fakultas Farmasi Universitas Gadjah Mada Yogyakarta akan melakukan penelitian yang berjudul :

PENGARUH EDUKASI OLEH APOTEKER TERHADAP

KEPATUHAN OBAT ANTIRETROVIRAL (ARV)

PADA PASIEN HIV/AIDS DI RSUD. A.WAHAB SJAHRANIE SAMARINDA

Penelitian ini bertujuan untuk mengetahui pengaruh edukasi yang diberikan oleh apoteker terhadap tingkat pengetahuan dan kepatuhan menggunakan obat ARV pada pasien HIV-AIDS RSUD.A.Wahab Sjhranie Samarinda.

Saya mengajak dan mengundang Anda untuk ikut serta dalam penelitian ini. Penelitian ini memerlukan sekitar 96 responden., dengan jangka waktu 2 bulan / 8 minggu (atau pada kunjungan /kontrol ke RS yang ke 1 sampai kunjungan ke 3)

A. Kesukarelaan Untuk Ikut Penelitian

Anda bebas memilih keikutsertaan dalam penelitian ini tanpa ada paksaan. Bila Anda sudah memutuskan untuk ikut, anda juga bebas untuk mengundurkan diri/berubah pikiran setiap saat tanpa dikenai denda atau pun sanksi apapun.

B. Prosedur Penelitian

Apabila Anda bersedia berpartisipasi dalam penelitian ini, Anda diminta menandatangani lembar persetujuan ini rangkap dua, satu untuk Anda simpan, dan satu untuk peneliti. Prosedur selanjutnya adalah :

1. Anda akan mengisi data pasien/wawancara yang berisi identitas Anda dan data riwayat medis Anda.
2. Pada kelompok kontrol Anda diminta mengisi kuesioner tingkat pengetahuan dan kuesioner kepatuhan pada minggu ke 0.

Pada kelompok perlakuan Anda diminta mengisi kuesioner tingkat pengetahuan dan kepatuhan pada minggu ke 0 dan akan mendapatkan tambahan intervensi edukasi /konseling oleh apoteker pada minggu ke 0, dan minggu ke 4. Dan pada minggu ke 4 akan diberikan *leaflet* untuk dibawa pulang sebagai pengingat edukasi.

3. Pada kelompok kontrol dan kelompok perlakuan intervensi pada minggu ke 8 Anda diminta mengisi kuesioner tingkat pengetahuan dan kuesioner kepatuhan/ kuesioner yang sama seperti yang Anda isi pada minggu ke 0

C. **Kewajiban responden penelitian**

Sebagai responden penelitian, Anda berkewajiban mengikuti aturan atau petunjuk penelitian seperti yang tertulis di atas. Bila ada yang belum jelas Anda bisa bertanya lebih lanjut kepada peneliti.

D. **Manfaat**

Keuntungan langsung yang Anda dapatkan adalah Anda mendapatkan informasi mengenai penyakit HIV/AIDS dan pengobatannya, Anda dapat menanyakan lebih detail mengenai kendala Anda dalam menjalani terapi ARV.

E. **Kerahasiaan**

Semua informasi yang berkaitan dengan identitas responden penelitian akan dirahasiakan dan hanya akan diketahui oleh peneliti. Hasil penelitian tidak menyebutkan identitas responden penelitian.

F. **INFORMASI TAMBAHAN**

Anda diberi kesempatan untuk menanyakan semua hal yang belum jelas sehubungan dengan penelitian ini kepada dokter penanggung jawab medis yaitu Dr.dr. Carta Gunawan, Sp.PD, KPTI FINASIM pada nomor Hp.08125561580 dan staf klinik VCT RSUD. A. Wahab Sjahrание Samarinda Bila sewaktu-waktu Anda menginginkan penjelasan lebih lanjut

dapat menghubungi saya, Reny Anggraini no. Hp. 082154981572 atau klinik VCT pada nomor (0541) 738118 ext.361.

Anda juga dapat menanyakan tentang penelitian ini kepada :

Komite Etik Penelitian Kedokteran dan Kesehatan Fakultas Kedokteran

UGM Yogyakarta dengan nomor telp 0274-588688 ext 17225 atau

08112666869, atau email : mhrec_fmugm@ugm.ac.id