

BAB 5

KESIMPULAN DAN SARAN

5.1. Kesimpulan

Kualitas hidup pasien Arthritis Reumatoid di RSUP Dr. Sardjito Yogyakarta selama 6 bulan menunjukkan perbedaan bermakna pada sebelum dan sesudah penggunaan MTX. Perbedaan tersebut dapat dilihat dari hasil kuesioner dan dilihat dari beberapa aspek kualitas hidup, seperti mobilitas atau energi, perawatan diri, suasana hati atau emosional dan kontak fisik dari pasien.

5.2. Saran

Berdasarkan penelitian yang telah dilakukan, diperlukan waktu lebih lanjut dalam pengambilan sampel dengan menggunakan metode prospektif dan penambahan jumlah pasien dalam mengamati pengaruh kualitas hidup pasien AR sebelum dan sesudah menggunakan terapi MTX.

DAFTAR PUSTAKA

- American College of Rheumatology, 2010, American College of Rheumatology : Recommendations for the Use of Disease-Modifying Antirheumatic Drugs and Biologic Agents in the Treatment of Rheumatoid Arthritis, *American College of Rheumatology*, **62(9)**: 2569-2581.
- American Collage of Rheumatology, 2012, Rekomendations for the Use Of Nonpharmacologic and Pharmacologic Therapies in Osteoarthritis of the Hand, Hip, and Knee, diakses pada 18 Oktober 2018, <https://www.rheumatology.org>.
- Arthritis Foundation, 2008, News From the Arthritis Foundation diakses pada 18 Oktober 2018, dari http://jupiterinletcolony.org/uploads/Rheumatoid_Arthritis_Fact_Sheet.pdf.
- Bello, A. E., Perkins, E. L., Jay, R., and Efthimiou, P., 2017, Recommendations for Optimizing Methotrexate Treatment for Patients with Rheumatoid Arthritis, *Open Access Rheumatology: Research and Reviews Journal*, **9**: 67–79.
- Bird, P., Griffiths, H., and Littlejohn, G., 2014, Methotrexate in Rheumatoid Arthritis: Efficacy and Safety, *Journal of Pharmacovigilance*, **2(2)**: 124-127.
- Blumental, 2012, Rheumatoid Arthritis And The Incidence Of Influenza And Influenza Related Complications, *A Retrospective Cohort Study BMC Musculoskeletal Disorders* 2012, **13**: 158.
- Churov, A. V., Oleinik, E. K. & Knip, M., 2015, MicroRNAs in Rheumatoid Arthritis : Altered Expression and Diagnostic Potential, *Autoimmunity Reviews*, **14(11)**: 1029-1037.
- Dahlan, M.S., 2009, *Deskriptif, Bivariat dan Multivariat, dilengkapi Aplikasi dengan Menggunakan SPSS*, Salemba Medika, Jakarta.
- Derksen, V. A., Huizinga, T. J. & Woude, D. d., 2017, The Role of Autoantibodies in The Pathophysiology of Rheumatoid Arthritis, *Semin Immunopathol*, **39**: 437-446.
- Donzelli, A. & Schivalocchi, A., 2016, Lifestyle and Rheumatoid Arthritis: Prevention and Non-Pharmacological, *Journal of Vasculitis*, **2(4)**: 1-4.

- Dipiro, J., Robert, L., Talbert, Gary, R. M., Barbara, G. W., & L, M. P., 2008, Pharmacotherapy A Pathophysiologic Approach, *The McGraw-hill Companies*, **9**: 879-882.
- Ghozali, Imam., 2016, *Aplikasi Analisis Multivariete Dengan Program IBM SPSS 23*, Badan Penerbit Universitas Diponegoro, Semarang.
- Gibofsky, 2012, Overview of Epidemiology, Pathophysiology, and Diagnosis of Rheumatoid Arthritis, *The American Journal of Managed Care*, **18(13)**: 295-302.
- Kahlenberg, J. M. & Fox, D. A., 2011, Advances in the Medical Treatment of Rheumatoid Arthritis, *Division of Rheumatology*, **27(1)**: 11.
- Kementerian Kesehatan RI, 2012, *Riset Kesehatan Dasar 2012*, Jakarta: Kementerian Kesehatan Republik Indonesia.
- Khoirunnisa, S. M., dan Perwitasari, D. A., 2018, The Rheumatoid Arthritis Quality of Life (RAQoL) for Indonesia : Translation and Pilot Test, *International Series on Interdisciplinary Science ang Technology*, **2(1)**: 10 -13.
- Kourilovitch, M., Maldonado C. G., and Prado, E. O., 2014, Diagnosis and Classification of Rheumatoid Arthritis, *Journal of Autoimmunity*, **48-49**: 26-30.
- Longo, Dan L. MD., Kasper, Dennis L. MD., 2012, Harrison's Principle of Internal Medicine, *Rheumatoid Arthritis*, **18**: 231.
- Malm, K., Bergman S., Maria LE Andersson, M. L. E., Bremander, A., and Larsson, I., 2017, Quality of Life in Patients with Established Rheumatoid Arthritis: A Phenomenographic Study, *SAGE Open Medicine*, **5**: 1–8.
- McInnes, I. B. & Schett, G., 2011, The Pathogenesis of Rheumatoid Arthritis, *The New England Journal of Medicine*, **365(23)**: 2205-2219.
- Oktaviani, M. A., dan Notobroto, H. B., 2014, Perbandingan Tingkat Konsistensi Normalitas Distribusi Metode Kolmogorov-Smirnov, Lilliefors, ShapiroWilk dan Skewness-Kurtosis, *Jurnal Biometrika dan Kependudukan*, **3(2)**: 127-135.
- Perhimpunan Reumatologi Indonesia, 2014, *Diagnosis dan Pengelolaan Arthritis Rheumatoid*, Jakarta Pusat: Perhimpunan Reumatologi Indonesia.

- Razali, N.M., Yap Bee Wah, 2011, Power Comparison of Shapiro-Wilk, Kolmogorov- Smirnov, Lilliefors, and Anderson-Darling Tests, *Journal of Statistical Modeling and Analytics*, **2(1)**: 21–33.
- Scher, J. U., 2013, Monotherapy in Rheumatoid Arthritis, *Bulletin of the Hospital for Joint Diseases*, **71(3)**: 204-207.
- Schuna, A., 2008, In Rheumatoid Arthritis, *Pharmacotherapy A Pathophysiologic Approach*, **9**: 1505-1515.
- Shinde, C.G., Venkatesh, M.P., Kumar, T.M.P. and Shivakumar, H.G., 2014, Methotrexate a Gold Standard for Treatment of Rheumatoid Arthritis, *Journal of Pain & Palliative Care Pharmacotherapy*, **28**: 351–358.
- Singh, J., Saag, K., Bridges, L., Aki, E., & Bannuru, R., 2015, *American Collage of Rheumatology Guideline for the Treatment of Rheumatoid Arthritis, Arthritis Care & Research*, diambil kembali dari American Collage of Rheumatology: [DOI 10.1002/acr.22783](https://doi.org/10.1002/acr.22783), VC 2015.
- Sjamsuhidajat, R., 2010, *Buku Ajar ilmu Bedah Sjamsuhidajat-de Jong Edisi 3*, EGC, Jakarta.
- Smolen, J. S., Aletaha, D., Barton, A., Burmester, G. R., Emery, P., Firestein, G. S., et al., 2018, Rheumatoid arthritis, *Nature Reviews Disease Primers*, **4(18001)**: 1-23.
- Suarjana, I., 2009, *Artritis Reumatoid Ilmu Penyakit Dalam Edisi V*, Internal Publishing, Jakarta.
- Sugiyono, 2016, *Statistika untuk penelitian*, CV. Alfabeta, Bandung.
- Tijhuis, G., de Jong, Z., Zwinderman, A., Zuijderduin, W., Jansen, L., Hazes, J., et al., 2001, The Validity of The Rheumatoid Arthritis Quality of Life (RAQoL) Questionnaire, *Rheumatology*, **21**: 1112-1119.
- Weinblatt, M. E., 2013, Methotrexate in Rheumatoid Arthritis: A Quarter Century Of Development, *Transactions of the American Clinical And Climatological Association*, **124**: 16-25.
- Weyand, C. M. & Goronzy, J. J., 2017, Immunometabolism in Early And Late Stages of Rheumatoid Arthritis, *Nature Reviews Rheumatology*, **13**: 291-301.

- World Health Organisation, 2016, WHOQOL: Measuring Quality of Life, diakses pada 03 November 2018, <http://www.who.int/healthinfo/survey/whoqol-qualityoflife/en/.pdf>.
- Zeind, C. S., and Carvalho, M. G., 2018, *Applied Therapeutics : The Clinical Use of Drugs*, Eleventh edition, Philadelphia : Wolters Kluwer Health.
- Ziarko, M., Siemidtkowska, K., Sienski, M., Samborski, W., Samborska, J., and Mojs, E., 2019, Mental Health and Rheumatoid Arthritis: Toward Understanding the Emotional Status of People with Chronic Disease, *BioMed Research International*, **2019**: 1-8.