

BAB 4

PENUTUP

4.1 Kesimpulan

Kesimpulan dari kegiatan Praktek Kerja Profesi Apoteker (PKPA) di RS UNAIR yang telah dilaksanakan pada 7 Agustus – 29 September 2023 dapat disimpulkan sebagai berikut:

1. Kegiatan PKPA RS UNAIR membuat kandidat apoteker semakin memahami tentang tugas pokok dan fungsi apoteker dalam manajerial dan pelayanan farmasi klinis di rumah sakit.
2. Kegiatan PKPA RS UNAIR membuat kandidat apoteker memiliki keterampilan dan pengalaman praktis untuk melakukan pekerjaan kefarmasian di rumah sakit.
3. Kegiatan PKPA RS UNAIR telah memberikan kesempatan bagi kandidat apoteker untuk mempelajari prinsip dan penerapan standar pelayanan kefarmasian di rumah sakit secara langsung.
4. Kegiatan PKPA RS UNAIR mempersiapkan kandidat apoteker dalam memasuki dunia kerja sebagai tenaga kefarmasian profesional.
5. Kegiatan PKPA RS UNAIR memberikan kandidat apoteker gambaran nyata terkait permasalahan pekerjaan kefarmasian di rumah sakit dan solusi atau penyelesaian terhadap masalah yang ada.

4.2 Saran

1. Calon apoteker harus membekali diri sebelum mengikuti kegiatan PKPA di rumah sakit dengan ilmu pengetahuan, keterampilan serta percaya diri yang baik sehingga selama berlangsungnya kegiatan PKPA di rumah sakit, kandidat apoteker dapat menjalankan tugasnya dengan optimal.
2. RS UNAIR diharapkan dapat terus menjalin kerja sama dengan Program Studi Profesi Apoteker dari berbagai perguruan tinggi, khususnya Universitas Katolik Widya Mandala Surabaya dalam pelaksanaan Praktek Kerja Profesi Apoteker.

DAFTAR PUSTAKA

- ACOG. 2018, Practice Bulletin: Clinical Management Guidelines for Obstetrician-Gynecologists, *Obstetrics and Gynecology*, **131(1)**: 15-30.
- ACOG. 2020, Practice Bulletin: Clinical Management Guidelines for Obstetrician-Gynecologists, *Obstetrics and Gynecology*, **135 (6)**: 1-24.
- ADA. 2022, *Standards of Medical Care in Diabetes – 2022*, America: American Diabetes Association.
- Amalia, A. dan Tjiptaningrum A. 2016, Diagnosis dan Tatalaksana Anemia Defisiensi Besi, *Jurnal Majority*, **5(5)**: 166-169.
- Anonim. 2007, Farmakologi dan Terapi Edisi 5, Departemen Farmakologi dan Terapeutik Fakultas Kedokteran Universitas Indonesia, Jakarta: Balai Penerbit FKUI.
- Anonim. 2008, Monograph: Citicoline, *Alternative Medicine Review*, **13(1)**: 50-57.
- Ashley, C. and Dunleavy, A. 2019, *The Renal Drug Handbook: The Ultimate Prescribing Guide for Renal Practitioners 5th Edition*, Boca Raton: CRC Press, Taylor and Francis Group.
- Ayu, R. dan Sari, R. D. P. 2017, Peran Kortikosteroid Dalam Pematangan Paru Intrauterin, *Majority*, **6(3)**: 142-147.
- Bakhtiar, A. dan Juwita, P.M, 2020, Management of Cough, *Jurnal Respirasi*, **6(2)**: 85- 96
- Baxter. 2017, Leaflet of Product Lactated Ringer's and 5% Dextrose Injection, Canada: Baxter Corporation.
- BC Guidelines.ca. 2017, *Palliative Care for the Patient with Incurable Cancer or Advanced Disease Part 2: Pain and Symptom Management – Nausea and Vomiting*.
- Berberoglu, Z. 2019, Pathophysiology of Gestational Diabetes Mellitus, *European Medical Journal*, **7(1)**: 97-106.
- Bruzzese, E., Giannattasio A. and Guarino A. 2018, Antibiotic Treatment of Acute Gastroenteritis in Children, *F1000Research*, **7(1)**.
- Cascorbi, I. 2021, The Uncertainties of Metamizole use, *Clinical Pharmacology and Therapeutics*, **109(6)**: 1373-1375.
- Chitu, I., Tudosescu, R., Leasu-Branet, C., Voinea, L-M. 2017, Citicoline – a Neuroprotector with Porven Effects on Glaucomatous Disease, *Romanian Journal of Ophthalmology*, **61(3)**: 152-158.
- Clay, P.G. and Crutchley, R.D. 2014, Noninfectious Diarrhea in HIV Seropositive Individuals: a Review of Prevalence Rates, Etiology, and Management in the Era of Combination Antiretroviral Therapy, *Infectious Diseases and Therapy*, **3**: 103-122.

- Clements, J. A., Nimmo, W. S., and Grant, I. S. 1982, Bioavailability, Pharmacokinetics, and Analgesic Activity of Ketamine in Humans, *Journal of Pharmaceutical Sciences*, **71(5)**: 539-542.
- Costandi, S., Chopko, B., Mekhail, M., Dews, T., and Mekhail, N. 2014, Lumbar Spinal Stenosis: Therapeutic Options Review, *Pain Practice*, **15(1)**: 68-81.
- DepKes RI. 2009, *Pedoman Pencampuran Obat Suntik dan Penanganan Sediaan Sitostatika*, Jakarta: DepKes RI.
- Didin. 2016, Infeksi Saluran Nafas Akut (ISPA) (online). [Http://www. Halal Guide .INFO - Guide to Halal and Islamic Lifestyle,.htm.](http://www.HalalGuide.INFO-Guide%20to%20Halal%20and%20Islamic%20Lifestyle.htm), diakses tanggal 10-10-2023.
- Dipiro, J. T., Talbert, R. L., Yee, G. C., Matzke, G. R., Wells, B. G., Posey, L. M. 2020, *Pharmacotherapy a Pathophysiologic Approach 7th Edition*, New York: The McGraw-Hill Companies.
- Erin, D. 2015, Gangren Diabetik Pada Penderita Diabetes Melitus, *Jurnal Agromedicine*, **2(4)**: 408-412.
- ESH. 2023, *2023 ESH Guidelines for The Management of Arterial Hypertension*, Essex: International Society of Hypertension (ISH) and The European Renal Association (ERA).
- Fitrah, B. A. 2014, Penatalaksanaan Mual Muntah Pascabedah di Layanan Kesehatan Primer, *Continuing Medical Education*, **41(6)**: 407-411.
- Gilda, G. 2014, Pengaruh Suplementasi Kapsul Ekstrak Ikan Gabus Terhadap Kadar Albumin dan Berat Badan pada Anak Dengan Sindrom Nefrotik, *Jurnal Media Medika Muda*.
- Graves, N. S., 2013. Acute Gastroenteritis. *Primarycare the Clinics*, **40**: 727-741.
- Grieb, P. 2014, Neuroprotective Propertie of Citicoline: Facts, Doubts and Unresolved Issues, *CNC Drugs*, **28**: 185-193.
- Guarner, F., Eliakim R., Khan A. and Gangl A. 2012, World Gastroenterology Organisation Practice Guadline: Probiotics and Prebiotics, *Journal of Clinical Gastroenterology*, **46(6)**: 468-481.
- Hayati, S. 2014, Gambaran Faktor Penyebab Infeksi Saluran Pernafasan Akut (ISPA) pada Balita di Puskesmas Pasirkaliki Kota Bandung, *Jurnal Ilmu Keperawatan*, **2(1)**: 62-67.
- IDAI. 2016, *Rekomendasi Tentang Penanggulangan Diare Korban Bencana*, Jakarta: Pengurus Pusat Ikatan Dokter Anak Indonesia.
- James, P.A., Oparil, S., Carter, B.L., Cushman, W.C., Dennison-Himmelfarb, C., Handler, J., Lackland, D.T., LeFevre, M.L., MacKenzie, T.D., Ogedegbe, O., Smith Jr, S.C., Svetkey, L.P., Taler, S.J., Townsend, R.R., Wright, J.T., Narva, A.S. and Ortiz, E. 2014, 2014 Evidence-Based Guideline for the Management of High Blood Pressure in Adults: Report from the Panel Members Appointed to the Eight Joint National Committee (JNC 8), *Journal of the American Medical Association*, **311(5)**: 507-520.
- Jasiecka, A., Maslanka, T., and Jaroszewski, J. J. 2014, Pharmacological Characteristics of Metamizole, *Polish Journal of Veterinary Sciences*, **17(1)**.

- Jones, A. J., Federspiel, J. J., Eke, A. C. 2023, Preventing Postpartum Hemorrhage with Combined Therapy Rather Than Oxytocin Alone Pharmacologic Therapy, *American Journal of Obstetrics and Gynecology MFM*, **5(2)**:100731.
- Kaka, J. S., and Hayton, W. L. 1980, Pharmacokinetics of Ketamine and Two Metabolites in the Dog, *Journal of Pharmacokinetics and Biopharmaceutics*, **8**: 193-202.
- Kania, N.2007, *Penatalaksanaan Demam pada Anak*. Bandung: Pustaka Unpad.
- Kartika, R. W. 2017, *Pengelolaan Gangren Kaki Diabetik*. Jakarta: Continuing Medical Education.
- Katzung, B.G. 2018, *Basic and Clinical Pharmacology 14th Edition*, USA: McGrawHill Education.
- KDIGO. 2023, *KDIGO 2023 Clinical Practice Guideline for The Evaluation and Management of Chronic Kidney Disease*, America: Kidney Disease Improving Global Outcomes CKD Work Group.
- Kemenkes RI. 2016, *Peraturan Menteri Kesehatan Republik Indonesia Nomor 72 Tahun 2016 tentang Standar Pelayanan Kefarmasian di Rumah Sakit*. Jakarta: Menteri Kesehatan Republik Indonesia.
- Kementerian Kesehatan. 2021, *Peraturan Menteri Kesehatan Republik Indonesia Nomor 28 Tahun 2021 tentang Pedoman Penggunaan Antibiotik*, Jakarta: Menteri Kesehatan Republik Indonesia.
- Khalil, A., Muttukrishna, S., Harrington, K., and Jauniaux, E. 2008, Effect of Antihypertensive Therapy with Alpha Methyldopa on Levels of Angiogenic Factors in Pregnancies with Hypertensive Disorders, *PLoS ONE*, **3(7)**: 688-694.
- Koda-Kimble, M. A. and Young, L. 2013, *Applied Therapeutics the Clinical Use of Drugs 10th Edition*, USA: Lippincott Williams & Wilkins and Wolters Kluwer.
- Lebuan, A. W., dan Somia, A. 2017, Faktor Yang Berhubungan Dengan Infeksi Saluran Pernafasan Akut Pada Siswa Taman Kanak-Kanak Di Kelurahan Dangin Puri Kecamatan Denpasar Timur Tahun 2014, *E-jurnal Medika*, **6(6)**: 1-8.
- Lee, B.H., Moon, S.H., Suk, K.S., Kim, H.S., Yang, J.H., and Lee, H.M. 2020, Lumbar Spinal Stenosis: Pathophysiology and Treatment Principle: a Narrative Review, *Asian Spine Journal*, **14(5)**: 682-693.
- McEvoy, G. K. 2011, *AHFS: Drug Information Essentials*, Bethesda: American Society of Health System Pharmacists.
- Menteri Kesehatan RI. 2017, *Pedoman Nasional Pelayanan Kedokteran Tata Laksana Komplikasi Kehamilan*, Jakarta: Menteri Kesehatan Republik Indonesia.
- Morales, J. R., and Miranda, F. G. 1999, Ketamine, *Revista Espanola de Anestesiologia Reanimacion*, **46(3)**: 111-122.
- Neal, M.J. 2020, *Medical Pharmacology at a Glance 9th Edition*, England: John Wiley and Sons Ltd.

- Noprizon., Rikmasari Y. dan Halim A. 2019, *Drug Related Problems* pada Pasien Anak Gastroenteritis Akut (GEA) di Instalasi Rawat Inap RSUD Dr. HM Rabain Muara Enim, *Jurnal Ilmiah Bakti Farmasi*, **4(1)**.
- Nurrijal. 2009, Infeksi Saluran Pernafasan Akut. <http://www.springerlink.com>. di akses tanggal 10 Oktober 2023.
- Ogoina, D. 2011, Fever, Fever Patterns and Diseases Called ‘Fever’-A Review, *Journal of Infection and Public Health*, **4**: 108-124.
- PERKENI. 2021, *Pedoman Pengelolaan dan Pencegahan Diabetes Melitus Tipe 2 di Indonesia 2021*, Jakarta: Perkumpulan Endokrinologi Indonesia.
- PERKI. 2015, *Pedoman Tatalaksana Hipertensi Pada Penyakit Kardiovaskular*, Jakarta: Perhimpunan Dokter Spesialis Kardiovaskular Indonesia.
- Perth Children’s Hospital, 2021, *Guideline Acute Respiratory Tract Infection*, Australia.
- Popovsky, E.Y. and Florin, T.A. 2022, Community-Acquired Pneumonia in Childhood, *Encyclopedia of Respiratory Medicine*, **2022**: 119-131.
- Proverawati, A. dan Asfuah S. 2009, *Buku Ajar Gizi untuk Kebidanan*, Yogyakarta: Nuha Medika.
- Rana, S., Lemoine, E., Granger, J. P., and Karumanchi, A. 2019, Preeclampsia Pathophysiology, Challenges, and Perspectives, *Circulation Research*, **124**: 1094-1112.
- Royal Pharmaceutical Society, 2021, *British National Formulary (BNF) for Children September 2020-2021 Edition*, Royal Pharmaceutical Society.
- Royal Pharmaceutical Society. 2020, *British National Formulary for Children 2020*, BMJ Publishing Group, London.
- Royal Pharmaceutical Society. 2021, *British National Formulary 81th Edition*, BMJ Publishing Group, London.
- Royal Pharmaceutical Society. 2022, *British National Formulary 83rd Edition*, London: BMJ Publishing Group.
- Sachs, G., and Wallmark, B. 1989, The gastric H⁺, K⁺-ATPase: the Site of Action of Omeprazole, *Scandinavian Journal of Gastroenterology*, **24(sup166)**: 3-11.
- Saikh, I. S., Nagarekha, D., Hegade, G., and Marutheesh, M. 2016, Postoperative Nausea and Vomiting: a Simple Yet Complex Problem, *Anesthesia Essays and Researches*, **10(3)**: 388-396.
- Sharma, a. K., Singh, S., Singh, H., Mahaja, D., Kolli, P., Mandadapu, G., Kumar, B., Kumar, D., Kumar, S., and Jena, M. K. 2022, Deep Insight of the Pathophysiology of Gestational Diabetes Mellitus, *Cells*, **11 (2672)**.
- Snider, M. E., Nuzum, D. S., Veverka, A. 2008, Long-Acting Nifedipine in the Management of the Hypertensive Patient, *Vascular Health and Risk Management*, **4(6)**: 1249–1257.
- Statler, A. K., Maani, C. V., and Kohli, A. 2019. *Ephedrine*.
- Sung, S., and Mahdy, H. 2023, Cesarean section, National Library of Medicine.
- Sweetman, S.C. 2014, *Martindale: The Complete Drug Reference 38th Edition*, London: The Pharmaceutical Press.

- Wardiyah, A. dan Setiawan, D. 2016, Perbandingan Efektifitas Pemberian Kompres Hangat dan Tepidsponge terhadap Penurunan Suhu Tubuh Anak yang Mengalami Demam RSUD. Dr. H. Moeloek Provinsi Lampung, *Jurnal Ilmu Keperawatan*, **4(1)**: 44-56.
- WHO. 2022, *WHO recommendations on antenatal corticosteroids for improving preterm birth outcomes*, Jenewa: WHO.
- Wibowo, A. 2021. Mekanisme Kerja Obat Anti Batuk, *Jurnal Kedokteran Universitas Lampung*, **5(1)**, 75-83.
- Yonata, A. dan Farid, M. F. A. 2016, Penggunaan Probiotik sebagai Terapi Diare, *Jurnal Majority*, **5(2)**: 1-5.