

## **BAB 5**

### **KESIMPULAN**

Praktek Kerja Profesi Apoteker (PKPA) secara daring di Rumah Sakit Atma Jaya yang dilaksanakan pada tanggal 11 Oktober 2021-08 November 2021 dapat diperoleh kesimpulan sebagai berikut:

1. PKPA di Rumah Sakit Atma Jaya dapat meningkatkan pemahaman calon apoteker tentang peran, fungsi, posisi, dan tanggung jawab apoteker dalam pelayanan kefarmasian di Rumah Sakit.
2. PKPA di Rumah Sakit Atma Jaya dapat membekali calon apoteker agar memiliki wawasan, pengetahuan, keterampilan, dan pengalaman praktis untuk melakukan pekerjaan kefarmasian di Rumah Sakit.
3. PKPA di Rumah Sakit Atma Jaya dapat memberi kesempatan kepada calon apoteker untuk melihat dan mempelajari strategi dan kegiatan-kegiatan yang dapat dilakukan dalam rangka pengembangan praktek farmasi komunitas di Rumah Sakit.
4. PKPA di Rumah Sakit Atma Jaya dapat mempersiapkan calon apoteker dalam memasuki dunia kerja sebagai tenaga farmasi yang profesional.
5. PKPA di Rumah Sakit Atma Jaya dapat memberi gambaran nyata tentang permasalahan pekerjaan kefarmasian di Rumah Sakit.

## **BAB 6**

### **SARAN**

Saran yang dapat diberikan selama melakukan PKPA secara daring di Rumah Sakit Atma Jaya tanggal 11 Oktober 2021 hingga 08 November 2021 adalah:

1. Pada saat melaksanakan studi kasus klinis, sebaiknya dapat disertai dengan rekam medis yang di mana data pribadi pasien dapat disamarkan. Hal ini bertujuan untuk melatih calon apoteker dapat membaca rekam medis dan menganalisa kasus klinis.
2. Pada saat sebelum melaksanakan PKPA, *review* pengetahuan seputar topik yang akan dibahas dengan menggunakan aplikasi Kahoot atau Mentimeter sangat membantu calon apoteker untuk mengukur kemampuan dan pengetahuan. Cara ini dapat diterapkan tidak hanya pada pembahasan kasus klinis, tetapi juga pada topik lainnya.
3. Kendala teknis (seperti sinyal yang kurang baik) sangat wajar terjadi pada saat PKPA secara daring ini, akan tetapi dapat dimaksimalkan kembali, agar dapat mengefisiensikan waktu.

## DAFTAR PUSTAKA

- Adamczak, M., Masajtis-Zagajewska, A., Mazanowska, O., Madziarska, K., Stompór, T. and Więcek, A. 2018, Diagnosis and Treatment of Metabolic Acidosis in Patients with Chronic Kidney Disease - Position Statement of the Working Group of the Polish Society of Nephrology. *Kidney and Blood Pressure Research*, **43**(3): 959-969.
- Adams, D., de Jonge, R., van der Cammen, T., Zietse, R. and Hoorn, E.J. 2011, Acute Kidney Injury in Patients Presenting with Hyponatremia. *Journal of Nephrology*, **24**(6): 749-755.
- Alfonzo, A., Harisson, A., Baines, R., Chu, A., Mann, S. and MacRury, M. 2020, *Clinical Practice Guidelines Treatment of Acute Hyperkalaemia in Adults*, The Renal Association, London.
- American Board of Internal Medicine, 2021. *ABIM Laboratory Test Reference Ranges*.
- Anderson, P.L., Yager, J. and Fletcher, C.V. 2020, 'Human Immunodeficiency Virus Infection', in: DiPiro, J.T., Yee, G.C., Posey, M.L., Hainess, S.T., Nolin, T.D. and Ellingrod, V.L., *Pharmacotherapy: A Pathophysiologic Approach, Eleventh Edition*, McGraw Hill, New York.
- Ashley, C. and Dunleavy, A. 2019, *The Renal Drug Handbook, Fourth Edition*, CRC Press, London.
- Baker, M. and Parazella, M.A. 2020, NSAIDs in CKD: Are They Safe?, *American Journal of Kidney Disease*, **76**(4): 546-557.
- Baxter, K. 2010, *Stockley's Drug Interactions Pocket Companion*, Pharmaceutical Press, London.
- BPOM RI, 2019. Penjelasan BPOM RI tentang Penarikan Produk Ranitidin yang Terkontaminasi N-Nitrosodimethylamine (NDMA), *Badan Pengawas Obat dan Makanan Republik Indonesia*, Jakarta.
- Berenstein, G. and Ortiz, Z. 2005, Megestrol Acetate for Treatment of Anorexia-Cachexia Syndrome, *Cochrane Database of Systematic Reviews*, **2**:1-36.
- Borgquist, S., Bjarnadottir, O., Kimbung, S. and Ahern, T.P. 2018, Statins: A Role in Breast Cancer Therapy, *Journal of Internal Medicine*, **284**(4): 346-357.
- Boucher, B.A. and Wood, G.C. 2020, 'Acute Management of The Brain Injury', in: DiPiro, J.T., Yee, G.C., Posey, M.L., Hainess, S.T., Nolin, T.D. and Ellingrod, V.L., *Pharmacotherapy: A Pathophysiologic Approach, Eleventh Edition*, McGraw Hill, New York.
- Bourdet, S.V. and Williams, D.M. 2020, 'Chronic Obstructive Pulmonary Disease', in: DiPiro, J.T., Yee, G.C., Posey, M.L., Hainess, S.T., Nolin, T.D. and Ellingrod, V.L.,

*Pharmacotherapy: A Pathophysiologic Approach, Eleventh Edition*, McGraw Hill, New York.

British Medical Association (BMA). 2021, *British National Formulary 81*, Royal Pharmaceutical Society, London.

Bryer, E. and Henry, D. 2018, Chemotherapy-induced Anemia: Etiology, Pathophysiology, and Implications for Contemporary Practice, *International Journal of Clinical Transfusion Medicine*, **6**: 21-31.

Brogden, R.N., Heel, R.C., Speight, T.M., and Avery, G.S. 1980, Clobazam: A Review of Its Pharmacological Properties and Therapeutic Use in Anxiety. *Drugs*, **20**(3): 161-178.

Brown P. D. 2006, Ciprofloxacin for The Management of Urinary Tract Infection. *Women's Health*, **2**(4): 509-516.

Cappelletty, D.M. 2016, 'Lower Respiratory Tract Infections', in: Chisholm-Burns, M.A., Schwinghammer, T.L., Wells, B.G., Malone, P.M., Kolesar, J.M. and DiPiro, J.T., *Pharmacotherapy Principles and Practice, Fourth Edition*, McGraw Hill, New York.

Chang, D.C., Xu, X., Ferrante Jr, A.W. and Krakoff, J. 2019, Reduced Plasma Albumin Predicts Type 2 Diabetes and is Associated with Greater Adipose Tissue Macrophage Content and Activation, *Diabetology and Metabolic Syndrome*, **11**(14): 1-8.

Cogle, V.S., Susan, S., George, M., Gayle, M., Martin, C. and Roland, D. 2017, Sliding Scale Regular Human Insulin for Identifying Critically Ill Patients Who Require Intensive Insulin Therapy and for Glycemic Control in those with Mild to Moderate Hyperglycemia, *Journal of Pharmacy and Nutrition Sciences*, **7**(3): 106-115.

Cook, K.M. and Greer, D.M. 2020, 'Anemia', in: DiPiro, J.T., Yee, G.C., Posey, M.L., Hainess, S.T., Nolin, T.D. and Ellingrod, V.L., *Pharmacotherapy: A Pathophysiologic Approach, Eleventh Edition*, McGraw Hill, New York.

Dalbeth, N. and Stamp, L. 2007, Allopurinol Dosing in Renal Impairment: Walking The Tightrope Between Adequate Urate Lowering and Adverse Events, *Seminars in Dialysis*, **20**(5): 391-395.

Departemen Kesehatan Republik Indonesia (Depkes RI). 2009, Pedoman Pencampuran Obat Suntik dan Penanganan Sediaan Sitostatika, *Direktorat Bina Farmasi Komunitas dan Klinik Ditjen Bina Kefarmasian dan Alat Kesehatan*, Jakarta.

DiDomenico, R., Dobesh, P.P. and Fink, S.W. 2020, 'Acute Coronary Syndrome', in: DiPiro, J.T., Yee, G.C., Posey, M.L., Hainess, S.T., Nolin, T.D. and Ellingrod, V.L., *Pharmacotherapy: A Pathophysiologic Approach, Eleventh Edition*, McGraw Hill, New York.

Dirjen PP dan PL. 2011, Pedoman Nasional Tatalaksana Klinis Infeksi HIV dan Terapi Antiretroviral pada Orang Dewasa, *Kementerian Kesehatan Republik Indonesia*, Jakarta.

- Dixon, D.L. and Riche, D.M. 2020, 'Dyslipidemia', in: DiPiro, J.T., Yee, G.C., Posey, M.L., Hainess, S.T., Nolin, T.D. and Ellingrod, V.L., *Pharmacotherapy: A Pathophysiologic Approach, Eleventh Edition*, McGraw Hill, New York.
- Edeani, A. and Shirali, A. 2016, Tumor Lysis Syndrome, *American Society of Nephrology*, pp. 1-8.
- Falagas, M. E. and Vergidis, P. I. 2005, Irrigation with Antibiotic-Containing Solutions for The Prevention and Treatment of Infections, *Clinical Microbiology and Infection*, **11**(11): 862-867.
- Felsenfeld, A.J., Levine, B.S. and Rodriguez, M. 2015, Pathophysiology of Calcium, Phosphorus, and Magnesium Dysregulation in Chronic Kidney Disease, *Seminars in Dialysis*, **28**(6): 564-577.
- Fravel, M.A. and Ernst, M.E. 2020, 'Gout and Hyperuricemia', in: DiPiro, J.T., Yee, G.C., Posey, M.L., Hainess, S.T., Nolin, T.D. and Ellingrod, V.L., *Pharmacotherapy: A Pathophysiologic Approach, Eleventh Edition*, McGraw Hill, New York.
- Gauthier, A.C. and Mattson, R.H. 2015, Clobazam: A Safe, Efficacious, and Newly Rediscovered Therapeutic for Epilepsy, *CNS Neuroscience and Therapeutics*, **21**: 543-548.
- GINA. 2020, *Global Strategy for Asthma Management and Prevention*, Global Initiative for Asthma, New York.
- GOLD. 2020, *Pocket Guide to COPD, Diagnosis, Management and Prevention*, Global Initiative for Chronic Obstructive Lung Disease, New York.
- Gupta, J.K. and Qureshi, S.S. 2015, Potential Benefits of Methylcobalamin: A Review, *Austin Journal of Pharmacology and Therapeutic*, **3**(3): 1-4.
- Hemphill, J.C., Greenberg, S.M., Anderson, C.S., Becker, K., Bendok, B.R., Cushman, M., Fung, G.L., Goldstein, J.N., Macdonald, R.L., Mitchell, P.H., Scott, P.A., Selim, M.H. and Woo, D. 2015, Guidelines for the Management of Spontaneous Intracerebral Hemorrhage, *AHA/ASA Guideline*, pp. 1-30.
- Herawati, F. 2012, Beyond Used Date. *Rasional: Media Informasi Pereseapan Nasional bagi Tenaga Kesehatan Indonesia*, **10**(3): 19-24.
- Herndon, C.M., Strickland, J.M. and Ray J.B. 2020, 'Pain Management', in: DiPiro, J.T., Yee, G.C., Posey, M.L., Hainess, S.T., Nolin, T.D. and Ellingrod, V.L., *Pharmacotherapy: A Pathophysiologic Approach, Eleventh Edition*, McGraw Hill, New York.
- Hostettler, I.C., Seiffge, D.J. and Werring, D.J. 2019, Intracerebral Hemorrhage: An Update on Diagnosis and Treatment, *Expert Review of Neurotherapeutics*, **19**(7): 679-694.
- Hu, J., Wang, Y., Geng, X., Chen, R., Xu, X., Zhang, X., Lin, J., Teng, J. and Ding, X. 2017, Metabolic Acidosis as A Risk Factor for The Development of Acute Kidney Injury and Hospital Mortality, *Experimental and Therapeutic Medicine*, **13**(5): 2362-2374.

- Hudson, J.Q. and Wazny, L.D. 2020, 'Chronic Kidney Disease', in: DiPiro, J.T., Yee, G.C., Posey, M.L., Hainess, S.T., Nolin, T.D. and Ellingrod, V.L., *Pharmacotherapy: A Pathophysiologic Approach, Eleventh Edition*, McGraw Hill, New York.
- Ikatan Ahli Urologi Indonesia (IAUI). 2015, Panduan Penatalaksanaan Klinis Pembesaran Prostat Jinak (*Benign Prostatic Hyperplasia/BPH*), IAUI, Jakarta.
- Iqbal, M.A. and Gupta, M. Cardiogenic Pulmonary Edema, *StatPearls Publishing*, Diakses November 2021, [ncbi.nlm.nih.gov/books/NBK544260/](https://ncbi.nlm.nih.gov/books/NBK544260/).
- Jasielski, P., Piędel, F., Piwek, M., Rocka, A., Petit, V. and Rejdak, K. 2020, Application of Citicoline in Neurological Disorders: A Systematic Review, *Nutrients*, **12**(10): 1-21.
- KDIGO. 2012, Clinical Practice Guideline for the Evaluation and Management of Chronic Kidney Disease, *Official Journal of The International Society of Nephrology*, **3**(1): 1-163.
- KDIGO. 2020, Clinical Practice Guideline for Diabetes Management in Chronic Kidney Disease, *Official Journal of The International Society of Nephrology*, **98**(45): 1-115.
- Kementerian Kesehatan Republik Indonesia (Kemenkes RI). 2009, Pedoman Penanggulangan Tuberkulosis, *Kementerian Kesehatan Republik Indonesia*, Jakarta.
- Kementerian Kesehatan Republik Indonesia (Kemenkes RI). 2014, Situasi dan Analisis HIV-AIDS, *Kementerian Kesehatan Republik Indonesia*, Jakarta.
- Kementerian Kesehatan Republik Indonesia (Kemenkes RI). 2019, *Petunjuk Teknis Standar Pelayanan Kefarmasian di Rumah Sakit*, Kementerian Kesehatan Republik Indonesia, Jakarta.
- Keputusan Menteri Kesehatan Republik Indonesia (Kepmenkes RI)<sup>a</sup> Nomor HK.01.07/MENKES/55/2020 Tentang Komite Pengendalian Resistensi Antimikroba, Jakarta.
- Keputusan Menteri Kesehatan Republik Indonesia (Kepmenkes RI)<sup>b</sup> Nomor HK.01.07/MENKES/200/2020 Tentang Pedoman Penyusunan Formularium Rumah Sakit, Jakarta.
- Ker, K., Edwards, P., Perel, P., Shakur, H. and Roberts, I. 2012, Effect of Tranexamic Acid on Surgical Bleeding: Systematic Review and Cumulative Meta-Analysis, *BMJ*, **344**: e3054.
- Kobayashi, T., Miyazaki, Y., Yanagihara, K., Kakeya, H., Ohno, H., Higashiyama, Y., Hirakata, Y., Mizuta, Y., Tomono, K., Tashiro, T. and Kohno, S. 2005, A Probable Case of Aspiration Pneumonia Caused by *Candida Glabrata* in A Non-Neutropenic Patient with Candidemia, *Internal Medicine*, **44**(11): 1191-1194.
- Komisi Akreditasi Rumah Sakit, 2017. *Standar Nasional Akreditasi Rumah Sakit (SNARS)*, Edisi 1, KARS, Jakarta.

- Kumar, A. Ashwlayan, V.D. and Verma, M. 2019, Diagnostic Approach and Pharmacological Treatment Regimen of Peptic Ulcer Disease, *Pharmacy and Pharmaceutical Research Open Access Journal*, **1**(1): 1-12.
- Kwak, Y.G., Choi, S.H., Kim, T., Park, S.Y., Seo, S.H., Kim, M.B. and Choi, S.H. 2017, Clinical Guidelines for the Antibiotic Treatment for Community-Acquired Skin and Soft Tissue Infection, *Infection and Chemotherapy*, **49**(4): 301-325.
- Lacy C.F., Armstrong L.L., Goldman M.P. and Lance L.L. 2010, *Drug Information Handbook, 19th edition*, Lexicom, Ohio.
- Lee, M. and Sharifi, H. 2020, 'Benign Prostatic Hyperplasia', in: DiPiro, J.T., Yee, G.C., Posey, M.L., Hainess, S.T., Nolin, T.D. and Ellingrod, V.L., *Pharmacotherapy: A Pathophysiologic Approach, Eleventh Edition*, McGraw Hill, New York.
- Leslie S.W. 2021, Bladder Stone, *StatPearls Publishing*, Diakses November 2021, [ncbi.nlm.nih.gov/books/NBK441944/](https://ncbi.nlm.nih.gov/books/NBK441944/).
- Lew, S., Borum, M.L. and Ing, L.S. 2010, 'Gastrointestinal Complications of Acute Kidney Injury', in: Jorres, A., Ronco, C. and Kellum, J. A., *Management of Acute Kidney Problems*, Springer, New York.
- MacLaughlin, E.J. and Saseen, J.J. 2020, 'Hypertension', in: DiPiro, J.T., Yee, G.C., Posey, M.L., Hainess, S.T., Nolin, T.D. and Ellingrod, V.L., *Pharmacotherapy: A Pathophysiologic Approach, Eleventh Edition*, McGraw Hill, New York.
- Mahmudah, R. 2014, Left Hemiparesis e.c. Haemorrhagic Stroke, *Medula*, **2**(4): 70-79.
- Maker, J.H., Roller, L. and Dager, W. 2020, 'Acute Kidney Injury', in: DiPiro, J.T., Yee, G.C., Posey, M.L., Hainess, S.T., Nolin, T.D. and Ellingrod, V.L., *Pharmacotherapy: A Pathophysiologic Approach, Eleventh Edition*, McGraw Hill, New York.
- Matuszkiewicz-Rowinska, J. and Malyszko, J. 2020, Prevention and Treatment of Tumor Lysis Syndrome in the Era of Onco-Nephrology Progress, *Kidney and Blood Pressure Research*, **45**(5): 645-660.
- May, D., Thiman, M.L. and Rao, S. 2020, 'Gastroesophageal Reflux Disease', in: DiPiro, J.T., Yee, G.C., Posey, M.L., Hainess, S.T., Nolin, T.D. and Ellingrod, V.L., *Pharmacotherapy: A Pathophysiologic Approach, Eleventh Edition*, McGraw Hill, New York.
- McEvoy, G.K. 2011, *AHFS Drug Information*, American Society of Health-System Pharmacist, Bethesda, Maryland.
- Metlay, J.P., Waterer, G.W., Long, A.C., Anzueto, A., Brozek, J., Crothers, K., Cooley, L.A., Dean, N.C., Fine, M.J., Flanders, S.A., Griffin, M.R., Metersky, M.L., Musher, D.M., Restrepo, M.I. and Whitney, C.G. 2019, Diagnosis and Treatment of Adults with Community-acquired Pneumonia. An Official Clinical Practice Guideline of the American Thoracic Society and Infectious Diseases Society of America, *American Journal of Respiratory and Critical Care Medicine*, **200**(7): e45-e67.

- Molitch M.E. 2006, Management of Dyslipidemias in Patients with Diabetes and Chronic Kidney Disease, *Clinical journal of the American Society of Nephrology*, **1**(5): 1090-1099.
- Mousavi, S.A., Khorvash, F. and Hoseini, T. 2010, The Efficacy of Citicoline in The Treatment of Ischemic Stroke and Primary Hypertensive Intracerebral Hemorrhage: A Review Article, *ARYA Atherosclerosis*, **6**(3): 122-125.
- National Institutes of Health (NIH). 2021, *Vitamin K*, National Institutes of Health-Office of Dietary Supplements, Diakses November 2021, [ods.od.nih.gov/factsheets/VitaminK-HealthProfessional/](https://ods.od.nih.gov/factsheets/VitaminK-HealthProfessional/).
- Nguyen, R., Khanna, N.R. and Safadi, A.O. 2020, Bacitracin Topical, *StatPearls*, Diakses November 2021, [ncbi.nlm.nih.gov/books/NBK536993/](https://ncbi.nlm.nih.gov/books/NBK536993/).
- Ok, S.M., Ho, D., Lynd, T., Ahn, Y.W., Ju, H.M., Jeong, S.H. and Cheon, K. 2020, Candida Infection Associated with Salivary Gland-A Narrative Review, *Journal of Clinical Medicine*, **10**(1): 97.
- Palmer B.F. 2004, Managing Hyperkalemia Caused by Inhibitors of The Renin-Angiotensin-Aldosterone System, *The New England Journal of Medicine*, **351**(6): 585-592.
- Parker, R.B., Nappi, J.N. and Cavallar, L.H. 2020, 'Chronic Heart Failure', in: DiPiro, J.T., Yee, G.C., Posey, M.L., Hainess, S.T., Nolin, T.D. and Ellingrod, V.L., *Pharmacotherapy: A Pathophysiologic Approach, Eleventh Edition*, McGraw Hill, New York.
- Pedoman Nasional Pelayanan Kedokteran (PNPK). 2020<sup>a</sup>, Tata Laksana Diabetes Melitus Tipe 2 Dewasa, *PNPK*, Jakarta.
- Pedoman Nasional Pelayanan Kedokteran (PNPK)<sup>b</sup>. 2020, Tatalaksana Tuberkulosis, *PNPK*, Jakarta.
- Peraturan Menteri Kesehatan Republik Indonesia Nomor 3 Tahun 2020 tentang Klasifikasi dan Perizinan Rumah Sakit, 2020.
- Peraturan Menteri Kesehatan Republik Indonesia Nomor 12 Tahun 2020 tentang Akreditasi Rumah Sakit, 2020.
- Peraturan Menteri Kesehatan Republik Indonesia Nomor 27 Tahun 2017 tentang Pedoman Pencegahan dan Pengendalian Infeksi di Fasilitas Pelayanan Kesehatan, 2017.
- Peraturan Menteri Kesehatan Republik Indonesia Nomor 30 Tahun 2019 tentang Klasifikasi dan Perizinan Rumah Sakit, 2019.
- Peraturan Menteri Kesehatan Republik Indonesia Nomor 72 Tahun 2016 tentang Standar Pelayanan Kefarmasian di Rumah Sakit, 2016.
- Peraturan Presiden Republik Indonesia Nomor 77 Tahun 2015 tentang Pedoman Organisasi Rumah Sakit, 2015.

- Peraturan Menteri Kesehatan Republik Indonesia Nomor 87 Tahun 2014 tentang Pedoman Pengobatan Antiretroviral, 2014.
- Peraturan Menteri Kesehatan Republik Indonesia (Permenkes RI). 2016, Penanggulangan Tuberkulosis, *Kementerian Kesehatan Republik Indonesia*, Jakarta.
- Perhimpunan Reumatologi Indonesia. 2018, Pedoman Diagnosis dan Pengelolaan Gout, *Perhimpunan Reumatologi Indonesia*, Jakarta.
- Perkumpulan Endokrin Indonesia (Perkeni). 2019, Pedoman Pengelolaan Dislipidemia di Indonesia, *Perkeni*, Jakarta.
- Peter, dkk. 2020, Pengaruh Pemberian Suplementasi Vitamin B pada Pencegahan dan Penyembuhan Stroke, *Jurnal Sinaps*, (3)3: 25-32.
- Plimpton, H.W. and Crawford, E.D. 1982, Ceftizoxime in The Treatment of Urinary Tract Infections, *The Journal of Urology*, **128**(6): 1231-1232.
- Powell-Wiley, T.M., Poirier, P., Burke, L.E., Després, J.P., Gordon-Larsen, P., Lavie, C.J., Lear, S.A., Ndumele, C.E., Neeland, I.J., Sanders, P. and St-Onge, M.P. 2021, Obesity and Cardiovascular Disease: A Scientific Statement From the American Heart Association, *Circulation*, **143**(21): e984–e1010.
- Prais, D., Kuzmenko, E., Amir, J. and Harel, L. 2008, Association of Hypoalbuminemia with The Presence and Size of Pleural Effusion in Children with Pneumonia, *Pediatrics*, **121**(3): e533-e538.
- Proper Aseptic Technique for Ampule Vials. 2021, *Innovation Compounding*, Diakses November 2021, [innovationcompounding.com](http://innovationcompounding.com).
- Queensland Health. 2018, *Queensland Clinical Guideline: Hypoxic Ischaemic Encephalopathy*, Queensland.
- Ramanjulu, R., Thota, S., Ahmed, A., Jain, P., Salins, N., Bhatnagar, S., Chatterjee, A. and Bhattacharya, D. 2020, The Indian Society for Study of Pain, Cancer Pain Special Interest Group Guidelines on Pharmacological Management of Cancer Pain (Part I), *Indian Journal of Palliative Care*, **26**(2): 173-179.
- Riddle, M.C. 2018, Standards of Medical Care in Diabetes-2018, *American Diabetes Association*, **41**(1): S1-S159.
- Rosner, M.H. and Dalkin A.C. 2014, Electrolyte Disorders Associated with Cancer, *Advances in Chronic Kidney Disease*, **21**(1): 7-17.
- Rusli. 2016, *Farmasi Rumah Sakit dan Klinik*, Kementerian Kesehatan Republik Indonesia, Jakarta.
- Ryan, H., Yoo, J. and Darsini, P. 2017, Corticosteroids for Tuberculous Pleurisy, *The Cochrane Database of Systematic Reviews*, **3**(3): 1-44.

- Ryan, M. and Nestor, M. 2020, 'Stroke', in: DiPiro, J.T., Yee, G.C., Posey, M.L., Hainess, S.T., Nolin, T.D. and Ellingrod, V.L., *Pharmacotherapy: A Pathophysiologic Approach, Eleventh Edition*, McGraw Hill, New York.
- Sabin, J.A. and Roman, G.C. 2013, The Role of Citicoline in Neuroprotection and Neurorepair in Ischemic Stroke, *Brain Science*, New York.
- Sanger, G.J. and Andrews, P.L.R. 2018, *A History of Drug Discovery for Treatment of Nausea and Vomiting and The Implications for Future Research*, **9**(913): 1-35.
- Setiawan, C.H., Ikawati, Z. and Gofir, A. 2017, The Correlation of Tranexamic Acid as Antifibrinolytic Therapy to Glasgow Coma Scale For The First 7 Days In Hemorrhagic Stroke Patients, *Asian Journal of Pharmaceutical and Clinical*, **10**(14): 94-97..
- Silver, B., Ramaiya, K., Andrew, S.B., Fredrick, O., Bajaj, S., Kalra, S., Charlotte, B.M., Claudine, K. and Makhoba, A. 2018, EADSG Guidelines: Insulin Therapy in Diabetes, *Diabetes Therapy*, **9**(2): 449-492.
- Somantri, I. 2008, Keperawatan Medikal Bedah: Asuhan Keperawatan pada Pasien dengan Gangguan Sistem Pernapasan, *Salemba Medika*, Jakarta.
- Sood, S., McGurk, M. and Vaz, F. 2016, Management of Salivary Gland Tumours: United Kingdom National Multidisciplinary Guidelines, *The Journal of Laryngology and Otolaryngology*, **130**(S2): S142-S149.
- Speakman, M.J. and Cheng, X. 2014, Management of The Complications of BPH/BOO, *Indian Journal of Urology*, **30**(2): 208-213.
- Stanford Antimicrobial Safety and Sustainability Program, 2019. SHC Surgical Antimicrobial Prophylaxis Guidelines, *Stanford Healthcare*.
- Staruschenko, A. 2018, Beneficial Effects of High Potassium. Hypertension, *Journal of American Heart Association*.
- Sutanto, R.L. 2021, Hiperplasia Prostat Jinak: Manajemen Tatalaksana dan Pencegahan, *JIMKI*, **8**(3): 90-97.
- Sweeney, P., Mutambirwa, S., Van An, N., Sharma, J.B. and Vanamail, P. 2016, Flavoxate in The Symptomatic Treatment of Overactive Bladder: A Meta-Analysis, *European Review for Medical and Pharmacological Sciences*, **20**(17): 3703-3712.
- Teo, A., Nguyen, L., Gupta, M.K., Lau, H.H., Loo, L., Jackson, N., Lim, C.S., Mallard, W., Gritsenko, M.A., Rinn, J.L., Smith, R.D., Qian, W.J., and Kulkarni, R.N. 2021, Defective Insulin Receptor Signaling in hPSCs Skews Pluripotency and Negatively Perturbs Neural Differentiation, *Journal of Biological Chemistry*, **296**: 1-11.
- Tripi, M., Pavone-Macaluso, M., Giammanco, A. and Carella, G. 1985, Randomized Comparative Trial with Ceftrizoxime and Cefotaxime in Urinary Tract Infections, *International Urology and Nephrology*, **17**(3): 195-202.

- Trujillo, J. and Haines, S. 2020, 'Diabetes Mellitus', in: DiPiro, J.T., Yee, G.C., Posey, M.L., Hainness, S.T., Nolin, T.D. and Ellingrod, V.L., *Pharmacotherapy: A Pathophysiologic Approach, Eleventh Edition*, McGraw Hill, New York.
- Undang-Undang Nomor 36 Tahun 2009 tentang Kesehatan, 2009.
- Undang-Undang Nomor 36 Tahun 2014 tentang Tenaga Kesehatan, 2014.
- Undang-Undang Nomor 44 Tahun 2009 tentang Rumah Sakit, 2009.
- USP. 2004, USP 27 NF 27, Supplement 1, *The United States Pharmacopeia: The National Formulary*, Rockville.
- USP. 2019, USP Compounding Standards and Beyond-Use Dates (BUDs), *The United States Pharmacopeia: The National Formulary*, Rockville.
- Van Rensburg, C.J. and Cheer, S. 2012, Pantoprazole for The Treatment of Peptic Ulcer Bleeding and Prevention of Rebleeding, *Clinical Medicine Insights: Gastroenterology*, **5**: 51-60.
- Vercellino, M. and Philippi, R. 2020, A Comprehensive Review of The Use of Antidepressants Drugs in Major Depressive Disorder and Sexuality, *Journal of Neuropsychiatry*, pp. 1-11.
- Viasus, D., Garcia-Vidal, C., Simonetti, A., Manresa, F., Dorca, J., Gudiol, F. and Carratalà, J. 2013, Prognostic Value of Serum Albumin Levels in Hospitalized Adults with Community-Acquired Pneumonia, *The Journal of Infection*, **66**(5): 415-423.
- Walsh, K. 2001, Management of Shoulder Pain in Patients with Stroke, *Postgraduate Medical Journal*, **77**: 645-649.
- Wang, D., Sun, S. and Hu, S. 2019, The Therapeutic Efficacy of High-Dose Ambroxol and The Nursing Effects in The Treatment of Severe Pneumonia, *Pakistan Journal of Pharmaceutical Sciences*, **32**(3): 1409-1413.
- Yani, M.R., Pratiwi, D.I., Rahmiati, R., Mutmainah, N. and Yasmina, A. 2021, Antibiotics Susceptibility Pattern in Diabetic Ulcer Patients, *Indonesian Journal of Clinical Pathology and Medical Laboratory*, **27**(2): 205-211.
- Yang, S.W., Lee, M.H., See, L.C., Huang, S.H., Chen, T.M. and Chen, T.A. 2008, Deep Neck Abscess: An Analysis of Microbial Etiology and The Effectiveness of Antibiotics, *Infection and Drug Resistance*, **1**: 1-8.
- Ye, Z., Reintam Blaser, A., Lytvyn, L., Wang, Y., Guyatt, G.H., Mikita, J.S., Roberts, J., Agoritsas, T., Bertschy, S., Boroli, F., Camsooksai, J., Du, B., Heen, A.F., Lu, J., Mella, J.M., Vandvik, P.O., Wise, R., Zheng, Y., Liu, L. and Siemieniuk, R. 2020, Gastrointestinal Bleeding Prophylaxis for Critically Ill Patients: A Clinical Practice Guideline, *BMJ Clinical Research*, **368**: 1-9.

Zasowski, E.J. and Blackford, M. 2020, 'Lower Respiratory Tract Infections', in: DiPiro, J.T., Yee, G.C., Posey, M.L., Hainess, S.T., Nolin, T.D. and Ellingrod, V.L., *Pharmacotherapy: A Pathophysiologic Approach, Eleventh Edition*, McGraw Hill, New York.