

## DAFTAR PUSTAKA

- Agarwal, R. 2015. Defining end-stage renal disease in clinical trials: A framework for adjudication. *Nephrology Dialysis Transplantation*, 31(6), 864–867. <https://doi.org/10.1093/ndt/gfv289>
- Alicic, R. Z., Rooney, M. T., & Tuttle, K. R. 2017. Diabetic Kidney Disease: Challenges, Progress, and Possibilities. *Clinical Journal of the American Society of Nephrology: CJASN*, 12(12), 2032–2045. <https://doi.org/10.2215/CJN.11491116>
- American Diabetes Association. 2021. 2. Classification and Diagnosis of Diabetes: Standards of Medical Care in Diabetes-2021. *Diabetes Care*, 44(Suppl 1), 15–33. <https://doi.org/10.2337/dc21-S002>
- Arfian, N., Muflikhah, K., Soeyono, S. K., Sari, D. C., Tranggono, U., Anggorowati, N., *et al.* 2016. Vitamin D Attenuates Kidney Fibrosis via Reducing Fibroblast Expansion, Inflammation, and Epithelial Cell Apoptosis. *The Kobe Journal of Medical Sciences*, 62(2), 38–44.
- Berridge M. J. 2017. Vitamin D deficiency and diabetes. *The Biochemical Journal*, 474(8), 1321–1332. <https://doi.org/10.1042/BCJ20170042>
- Blair, D., Byham-Gray, L., Lewis, E., & McCaffrey, S. 2008. Prevalence of vitamin D [25(OH)D] deficiency and effects of supplementation with ergocalciferol (vitamin D2) in stage 5 chronic kidney disease patients. *Journal of Renal Nutrition : the official journal of the Council on Renal Nutrition of the National Kidney Foundation*, 18(4), 375–382. <https://doi.org/10.1053/j.jrn.2008.04.008>
- Briggs, J. P., Kriz, W., & Schnermann, J. B. 2014. Overview of kidney function and structure. *National Kidney Foundation Primer on Kidney Diseases*, 2–18. <https://doi.org/10.1016/b978-1-4557-4617-0.00001-7>
- Brownlee, M. 2005. The pathobiology of diabetic complications. *Diabetes*, 54(6), 1615–1625. <https://doi.org/10.2337/diabetes.54.6.1615>
- Bülow, R. D., & Boor, P. 2019. Extracellular Matrix in Kidney Fibrosis: More Than Just a Scaffold. *The Journal of Histochemistry and Cytochemistry : Official Journal of the Histochemistry Society*, 67(9), 643–661. <https://doi.org/10.1369/0022155419849388>
- de Boer, I. H., Khunti, K., Sadusky, T., Tuttle, K. R., Neumiller, J. J., Rhee, C. M., *et al.* 2022. Diabetes Management in Chronic Kidney Disease: A Consensus Report by the American Diabetes Association (ADA) and Kidney Disease: Improving Global Outcomes (KDIGO). *Diabetes Care*, 45(12), 3075–3090. <https://doi.org/10.2337/dci22-0027>
- Dewi, M. 2018. Kebijakan Transplantasi Ginjal di Indonesia. *Buletin Penelitian Sistem Kesehatan*, 21(1), 32–40. <https://doi.org/10.22435/hsr.v21i1.97>
- Eddy, A. A. 2014. Overview of the cellular and molecular basis of kidney fibrosis. *Kidney International Supplements*, 4(1), 2–8. <https://doi.org/10.1038/kisup.2014.2>

- ElSayed, N. A., Aleppo, G., Aroda, V. R., Bannuru, R. R., Brown, F. M., Bruemmer, *et al.*, atas nama American Diabetes Association (2023). 11. Chronic Kidney Disease and Risk Management: Standards of Care in Diabetes-2023. *Diabetes Care*, 46(Suppl 1), 191–202. <https://doi.org/10.2337/dc23-S011>
- Fagerberg, L., Hallström, B. M., Oksvold, P., Kampf, C., Djureinovic, D., Odeberg, J., *et al.* 2014. Analysis of the human tissue-specific expression by genome-wide integration of transcriptomics and antibody-based proteomics. *Molecular & Cellular Proteomics: MCP*, 13(2), 397–406. <https://doi.org/10.1074/mcp.M113.035600>
- Falke, L. L., Gholizadeh, S., Goldschmeding, R., Kok, R. J., & Nguyen, T. Q. 2015. Diverse origins of the myofibroblast—implications for kidney fibrosis. *Nature Reviews Nephrology*, 11(4), 233–244. <https://doi.org/10.1038/nrneph.2014.246>
- Feather, A., Randall, D., Randall, D., Waterhouse, M., & Waterhouse, M. 2021. Kumar & Clark's Clinical Medicine. Elsevier.
- Feehally, J., Flöge Jürgen, Tonelli, M., & Johnson, R. J. 2019. Comprehensive Clinical Nephrology. Elsevier.
- Fioretto, P., & Mauer, M. 2007. Histopathology of diabetic nephropathy. *Seminars in Nephrology*, 27(2), 195–207. <https://doi.org/10.1016/j.semnephrol.2007.01.012>
- Gray, S. P., & Jandeleit-Dahm, K. 2014. The pathobiology of diabetic vascular complications--cardiovascular and kidney disease. *Journal of Molecular Medicine (Berlin, Germany)*, 92(5), 441–452. <https://doi.org/10.1007/s00109-014-1146-1>
- Garimella, P. S., Katz, R., Waikar, S. S., Srivastava, A., Schmidt, I., Hoofnagle, A., *et al.* 2022. Kidney tubulointerstitial fibrosis and tubular secretion. *American Journal of Kidney Diseases*, 79(5), 709–716. <https://doi.org/10.1053/j.ajkd.2021.08.015>
- Ikizler, T. A., Burrowes, J. D., Byham-Gray, L. D., Campbell, K. L., Carrero, J.-J., Chan, W., *et al.* 2020. Kdoqi clinical practice guideline for nutrition in CKD: 2020 update. *American Journal of Kidney Diseases*, 76(3). <https://doi.org/10.1053/j.ajkd.2020.05.006>
- Jean, G., Souberbielle, J. C., & Chazot, C. 2017. Vitamin D in Chronic Kidney Disease and Dialysis Patients. *Nutrients*, 9(4), 328. <https://doi.org/10.3390/nu9040328>
- Kasper, D. L., Loscalzo, J., Fauci, A., Hauser, S., Longo, D., Jameson, J., *et al.* 2022. Harrison's principles of internal medicine. New York: McGraw-Hill Education Medical
- Kliegman, R., Stanton, B., W., S. G. J., Schor, N. F., Behrman, R. E., Nelson, W. E., Bailey, Z. *et al.* 2020. Nelson Textbook of Pediatrics (21st ed.). Elsevier Inc.

- Kidney Disease: Improving Global Outcomes (KDIGO) Diabetes Work Group 2020. KDIGO 2020 Clinical Practice Guideline for Diabetes Management in Chronic Kidney Disease. *Kidney International*, 98(4S), 1–115. <https://doi.org/10.1016/j.kint.2020.06.019>
- Krajewska, M., Witkowska-Sędek, E., Rumińska, M., Stelmaszczyk-Emmel, A., Sobol, M., Majcher, A., *et al.* 2022. Vitamin D effects on selected anti-inflammatory and pro-inflammatory markers of obesity-related chronic inflammation. *Frontiers in Endocrinology*, 13. <https://doi.org/10.3389/fendo.2022.920340>
- Krzewska, A., & Ben-Skowronek, I. 2016. Effect of Associated Autoimmune Diseases on Type 1 Diabetes Mellitus Incidence and Metabolic Control in Children and Adolescents. *BioMed Research International*, 2016, 6219730. <https://doi.org/10.1155/2016/6219730>
- Lei, M., Liu, Z., & Guo, J. 2020. The Emerging Role of Vitamin D and Vitamin D Receptor in Diabetic Nephropathy. *BioMed Research International*, 2020, 4137268. <https://doi.org/10.1155/2020/4137268>
- Lenzen S. 2008. The mechanisms of alloxan- and streptozotocin-induced diabetes. *Diabetologia*, 51(2), 216–226. <https://doi.org/10.1007/s00125-007-0886-7>
- Magliano, D. J., Boyko, E. J., & IDF Diabetes Atlas 10th edition scientific committee. 2021. IDF DIABETES ATLAS. (10th ed.). *International Diabetes Federation*.
- Maquigussa, E., Arnoni, C. P., Pereira, L. G., & Boim, M. A. 2015. Calcitriol ameliorates renal damage in a pre-established proteinuria model. *Molecular Medicine Reports*, 12(1), 1009–1015. <https://doi.org/10.3892/mmr.2015.3555>
- McPherson, R. A., Pincus, M. R., & Henry, J. B. 2022. *Henry's Clinical Diagnosis and Management by Laboratory Methods*. Elsevier
- Melmed, S., Auchus, R. J., Goldfine, A. B., Koenig, R., Rosen, C. J., & Williams, R. H. 2020. *Williams Textbook of Endocrinology*. Elsevier.
- Meng, X., Nikolic-Paterson, D. J., & Lan, H. Y. 2016. TGF- $\beta$ : The master regulator of fibrosis. *Nature Reviews Nephrology*, 12(6), 325–338. <https://doi.org/10.1038/nrneph.2016.48>
- Mushi, L., Marschall, P., & Fleßa, S. 2015. The cost of dialysis in low and middle-income countries: a systematic review. *BMC Health Services Research*, 15, 506. <https://doi.org/10.1186/s12913-015-1166-8>
- Pfotenhauer, K. M., & Shubrook, J. H. 2017. Vitamin D Deficiency, Its Role in Health and Disease, and Current Supplementation Recommendations. *The Journal of the American Osteopathic Association*, 117(5), 301–305. <https://doi.org/10.7556/jaoa.2017.055>
- Rayego-Mateos, S., Morgado-Pascual, J. L., Opazo-Ríos, L., Guerrero-Hue, M., García-Caballero, C., Vázquez-Carballo, *et al.*, & Egado, J. 2020. Pathogenic Pathways and Therapeutic Approaches Targeting Inflammation

- in Diabetic Nephropathy. *International Journal of Molecular Sciences*, 21(11), 3798. <https://doi.org/10.3390/ijms21113798>
- Sands, J. M., & Verlander, J. W. 2018. Functional anatomy of the kidney. *Comprehensive Toxicology*, 1–26. <https://doi.org/10.1016/b978-0-12-801238-3.64174-0>
- Sari, D. C. R., Putri, M. W., Leksono, T. P., Chairunnisa, N., Reynaldi, G. N., Simanjuntak, B. C., *et al.* 2020. Calcitriol Ameliorates Kidney Injury Through Reducing Podocytopathy, Tubular Injury, Inflammation and Fibrosis in 5/6 Subtotal Nephrectomy Model in Rats. *The Kobe Journal of Medical Sciences*, 65(5), 153–163.
- Standring, S., & Gray, H. 2021. *Gray's anatomy: The anatomical basis of Clinical Practice*. Elsevier.
- Tervaert, T. W., Mooyaart, *et al.*, & Renal Pathology Society. 2010. Pathologic classification of diabetic nephropathy. *Journal of the American Society of Nephrology: JASN*, 21(4), 556–563. <https://doi.org/10.1681/ASN.2010010010>
- The World Bank. Tanpa tahun. GDP per capita (constant LCU) - Indonesia. The World Bank. Dilihat 11 December 2022, dari <https://data.worldbank.org/indicator/NY.GDP.PCAP.KN?locations=ID>
- Tuleta, I., & Frangogiannis, N. G. 2021. Diabetic fibrosis. *Biochimica et biophysica acta. Molecular Basis of Disease*, 1867(4), 166044. <https://doi.org/10.1016/j.bbadis.2020.166044>
- Vanholder, R., Argiles, A., & Jankowski, J. 2021. A history of uremic toxicity and of the European Uremic Toxin Work Group (eutox). *Clinical Kidney Journal*. <https://doi.org/10.1093/ckj/sfab011>
- Wolden-Kirk, H., Overbergh, L., Christesen, H. T., Brusgaard, K., & Mathieu, C. 2011. Vitamin D and diabetes: its importance for beta cell and immune function. *Molecular and Cellular Endocrinology*, 347(1-2), 106–120. <https://doi.org/10.1016/j.mce.2011.08.016>
- Yiu, W. H., Lin, M., & Tang, S. C. W. 2014. Toll-like receptor activation: From renal inflammation to fibrosis. *Kidney International Supplements*, 4(1), 20–25. <https://doi.org/10.1038/kisup.2014.5>
- Young, A. R., Morgan, K. A., Harrison, G. I., Lawrence, K. P., Petersen, B., Wulf, H. C., *et al.* 2021. A revised action spectrum for vitamin D synthesis by suberythemal UV radiation exposure in humans in vivo. *Proceedings of the National Academy of Sciences*, 118(40). <https://doi.org/10.1073/pnas.2015867118>