

DAFTAR PUSTAKA

1. Yaxley J, Pirrone C. Review of the diagnostic evaluation of renal tubular acidosis. *Ochsner J.* 2016;16(4):525–30.
2. Batlle D, Haque SK. Genetic causes and mechanisms of distal renal tubular acidosis. *Nephrol Dial Transplant.* 2012;27(10):3691–704.
3. Bianic F, Guelfucci F, Robin L, Martre C, Game D, Bockenhauer D. Epidemiology of Distal Renal Tubular Acidosis: A Study Using Linked UK Primary Care and Hospital Data. *Nephron.* 2021;145(5):486–95.
4. Hendrata EL, Tambunan T, Sjarif DR, Chair I. Profil Asidosis Tubulus Renalis pada Anak di RS Cipto Mangunkusumo Jakarta. *Sari Pediatr.* 2016;11(4):264.
5. Alexander RT, Bitzan M. Renal Tubular Acidosis. *Pediatr Clin North Am.* 2019;66(1):135–57.
6. Sharma AP, Sharma RK, Kapoor R, Kornecki A, Sural S, Filler G. Incomplete distal renal tubular acidosis affects growth in children. *Nephrol Dial Transplant.* 2007;22(10):2879–85.
7. Bajpai A, Bagga A, Hari P, Bardia A, Mantan M. Long-term outcome in children with primary distal renal tubular acidosis. *Indian Pediatr.* 2005;42(4):321–8.
8. Lopez-Garcia SC, Emma F, Walsh SB, Fila M, Hooman N, Zaniew M, et al. Treatment and long-Term outcome in primary distal renal tubular acidosis. *Nephrol Dial Transplant.* 2019;34(6):981–91.
9. Pereira P, Miranda D, Oliveira E, Simoes e Silva A. Molecular Pathophysiology of Renal Tubular Acidosis. *Curr Genomics.* 2009;10(1):51–9.
10. Rodríguez Soriano J. Renal tubular acidosis: The clinical entity. *J Am Soc Nephrol.* 2002;13(8):2160–70.

11. Lee Hamm L, Nakhoul N, Hering-Smith KS. Acid-base homeostasis. Clin J Am Soc Nephrol. 2015;10(12):2232–42.
12. Chmielewski C. Renal anatomy and overview of nephron function. Nephrol Nurs J. 2003;30(2).
13. Igarashi T, Sekine T, Inatomi J, Seki G. Unraveling the molecular pathogenesis of isolated proximal renal tubular acidosis. J Am Soc Nephrol. 2002;13(8):2171–7.
14. Soleimani M, Rastegar A. Pathophysiology of Renal Tubular Acidosis: Core Curriculum 2016. Am J Kidney Dis. 2016;68(3):488–98.
15. Sly WS, Hewett-Emmett D, Whyte MP, Yu YS, Tashian RE. Carbonic anhydrase II deficiency identified as the primary defect in the autosomal recessive syndrome of osteopetrosis with renal tubular acidosis and cerebral calcification. Proc Natl Acad Sci U S A. 1983;80(9 I):2752–6.
16. Spicer SS, Sens MA, Tashian RE. Immunocytochemical demonstration of carbonic anhydrase in human epithelial cells. J Histochem Cytochem. 1982;30(9):864–73.
17. Kurtz I, Zhu Q. Structure, function, and regulation of the SLC4 NBCe1 transporter and its role in causing proximal renal tubular acidosis. Curr Opin Nephrol Hypertens. 2013;22(5):572–83.
18. Emmett M, Kelepouris E. Pathophysiology of renal tubular acidosis and the effect on potassium balance. UpToDate [Internet]. 2021; Available from: <https://www.uptodate.com/contents/overview-and-pathophysiology-of-renal-tubular-acidosis-and-the-effect-on-potassium-balance/>
19. Vasquez-Rios G, Westrich DJ, Philip I, Edwards JC, Shieh S. Distal renal tubular acidosis and severe hypokalemia: A case report and review of the literature. J Med Case Rep. 2019;13(1):1–7.
20. Haque SK, Ariceta G, Batlle D. Proximal renal tubular acidosis: A not so rare disorder of multiple etiologies. Nephrol Dial Transplant.

2012;27(12):4273–87.

21. Bailey JL. Metabolic acidosis and protein catabolism: Mechanisms and clinical implications. *Miner Electrolyte Metab.* 1997;24(1):13–9.
22. Vallés PG, Batlle D. Hypokalemic Distal Renal Tubular Acidosis. *Adv Chronic Kidney Dis.* 2018;25(4):303–20.
23. Roy A, Al-Bataineh MM, Pastor-Soler NM. Collecting duct intercalated cell function and regulation. *Clin J Am Soc Nephrol.* 2015;10(2):305–24.
24. Palazzo V, Provenzano A, Becherucci F, Sansavini G, Mazzinghi B, Orlandini V, et al. The genetic and clinical spectrum of a large cohort of patients with distal renal tubular acidosis. *Kidney Int.* 2017;91(5):1243–55.
25. Pessler F, Emery H, Dai L, Wu YM, Monash B, Cron RQ, et al. The spectrum of renal tubular acidosis in paediatric Sjögren syndrome. *Rheumatology.* 2006;45(1):85–91.
26. Alexander RT, Cordat E, Chambrey R, Dimke H, Eladari D. Acidosis and urinary calcium excretion: Insights from genetic disorders. *J Am Soc Nephrol.* 2016;27(12):3511–20.
27. Venkatesan PE, Gnanashanmugham G, Balakrishnan R, Ramadoss K. Hypokalemic periodic paralysis: Three rare secondary causes. *Med J Dr DY Patil Univ.* 2015;8(6):760–2.
28. Boro H, Khatiwada S, Alam S, Kubihal S, Dogra V, Mannar V, et al. Renal tubular acidosis manifesting as severe metabolic bone disease. *Eur Endocrinol.* 2021;1(1):59–67.
29. Liew YP, Rogers TA, Garb JL, Allen HF, Reiter EO, Campfield TJ, et al. Type 3 renal tubular acidosis associated with growth hormone deficiency. *J Pediatr Endocrinol Metab.* 2017;30(10):1047–53.
30. Batlle D, Arruda J. Hyperkalemic Forms of Renal Tubular Acidosis: Clinical and Pathophysiological Aspects. *Adv Chronic Kidney Dis.* 2018;25(4):321–33.

31. Wagner CA. Effect of mineralocorticoids on acid-base balance. *Nephron - Physiol.* 2014;128(1–2):26–34.
32. Finer G, Landau D. Clinical Approach to Proximal Renal Tubular Acidosis in Children. *Adv Chronic Kidney Dis.* 2018;25(4):351–7.
33. Pardede SO, Trihono PP, Tambunan T. Gambaran Klinis Asidosis Tubulus Renalis pada Anak. *Sari Pediatr.* 2016;4(4):192.
34. Pelletier J, Gbadegesin R, Staples B. Renal tubular acidosis. *Pediatr Rev.* 2017;38(11):537–9.
35. Palmer BF, Kelepouris E, Clegg DJ. Renal Tubular Acidosis and Management Strategies: A Narrative Review. *Adv Ther.* 2021;38(2):949–68.
36. Chan JCM, Scheinman JJ, Roth KS. Renal Tubular Acidosis consultation with the specialist Pediatrics in Review. 2001;22(8):277.
37. Domrongkitchaiporn S, Khositseth S, Stichtantrakul W, Tapaneya-Olarn W, Radinahamed P. Dosage of potassium citrate in the correction of urinary abnormalities in pediatric distal renal tubular acidosis patients. *Am J Kidney Dis.* 2002;39(2):383–91.
38. Giglio S, Montini G, Trepiccione F, Gambaro G, Emma F. Distal renal tubular acidosis: a systematic approach from diagnosis to treatment. *J Nephrol.* 2021;34(6):2073–83.
39. Suresh H. Hyponatremia and Hypophosphatemia in Distal Renal Tubular Acidosis: A Case Report of Acid-base and Electrolyte Misadventure Introduction : 2021;1–6.
40. Magni G, Unwin RJ, Mochhala SH. Renal tubular acidosis (RTA) and kidney stones: Diagnosis and management. *Arch Esp Urol.* 2021;74(1):123–8.
41. Imenez Silva PH, Unwin R, Hoorn EJ, Ortiz A, Trepiccione F, Nielsen R, et al. Acidosis, cognitive dysfunction and motor impairments in patients

with kidney disease. *Nephrol Dial Transplant*. 2021;37:ii4–12.

42. Watanabe T. Improving outcomes for patients with distal renal tubular acidosis: recent advances and challenges ahead. *Pediatr Heal Med Ther*. 2018;9:181–90.
43. Kourkoutas E, Georgiadi M, Plexousakis S. Quality of life of children with chronic illnesses: A Review of the Literature. *Procedia - Soc Behav Sci*. 2010;2(2):4763–7.
44. Park KS, Hwang YJ, Cho MH, Ko CW, Ha IS, Kang HG, et al. Quality of life in children with end-stage renal disease based on a PedsQL ESRD module. *Pediatr Nephrol*. 2012;27(12):2293–300.
45. Hall CA, Donza C, McGinn S, Rimmer A, Skomial S, Todd E, et al. Health-Related Quality of Life in Children with Chronic Illness Compared to Parents: A Systematic Review. *Pediatr Phys Ther*. 2019;31(4):315–22.
46. Balasundaram P, Avulakunta ID. Human Growth and Development [Internet]. StatPearls Publishing; 2022. Available from: <https://pubmed.ncbi.nlm.nih.gov/33620844/>
47. Choo YY, Agarwal P, How CH, Yeleswarapu SP. Developmental delay: Identification and management at primary care level. *Singapore Med J*. 2019;60(3):119–23.
48. Santos F, Gil H. Long - term complications of primary distal renal tubular acidosis. *Pediatr Nephrol*. 2022;May 11.
49. Renczés E, Marônek M, Gaál Kovalčíková A, Vavrincová-Yaghi D, Tóthová L, Hodosy J. Behavioral Changes During Development of Chronic Kidney Disease in Rats. *Front Med*. 2020;6(January):1–8.
50. Becherucci F, Roperto RM, Materassi M, Romagnani P. Chronic kidney disease in children. 2016;9(4):583–91.
51. Domrongkitchaiporn S, Pongsakul C, Stitchantrakul W, Sirikulchayanonta V, Ongphiphadhanakul B, Radinahamed P, et al. Bone mineral density and

histology in distal renal tubular acidosis. 2001;59:1086–93.

52. Cavallo F, Mohn A, Chiarelli F, Giannini C. Evaluation of Bone Age in Children : A Mini-Review. 2021;9:5–8.
53. Zemel BS, Kalkwarf HJ, Gilsanz V, Lappe JM, Oberfield S, Shepherd JA, et al. Revised reference curves for bone mineral content and areal bone mineral density according to age and sex for black and non-black children: Results of the bone mineral density in childhood study. *J Clin Endocrinol Metab.* 2011;96(10):3160–9.
54. Gurevich E, Segev Y, Landau D. Growth hormone and IGF1 actions in kidney development and function. *Cells.* 2021;10(12):1–16.
55. Grigoletto V, Occhipinti AA, Pellegrin MC, Sirchia F, Barbi E, Tornese G. Definition and prevalence of familial short stature. *Ital J Pediatr.* 2021;47(1):3–7.
56. Viggiano D, Wagner CA, Martino G, Nedergaard M, Zoccali C, Unwin R, et al. Mechanisms of cognitive dysfunction in CKD. *Nat Rev Nephrol.* 2020;16(8):452–69.
57. Takedani K, Notsu M, Koike S, Yamauchi M, Mori T, Sohara E, et al. Osteomalacia caused by atypical renal tubular acidosis with vitamin D deficiency: a case report. *CEN case reports.* 2021;10(2):294–300.
58. Peroni DG, Trambusti I, Di Cicco ME, Nuzzi G. Vitamin D in pediatric health and disease. *Pediatr Allergy Immunol.* 2020;31(S24):54–7.
59. Soares SBM, de Menezes Silva LAW, de Carvalho Mrad FC, Simões e Silva AC. Distal renal tubular acidosis: genetic causes and management. *World J Pediatr.* 2019;15(5):422–31.
60. Shao L, Xu Y, Dong Q, Lang Y, Yue S, Miao Z. A novel SLC4A1 variant in an autosomal dominant distal renal tubular acidosis family with a severe phenotype. *Endocrine.* 2010;37(3):473–8.
61. Dickson FJ, Sayer JA. Nephrocalcinosis: A review of monogenic causes

and insights they provide into this heterogeneous condition. *Int J Mol Sci.* 2020;21(1).

62. Sharma AP, Singh RN, Yang C, Sharma RK, Kapoor R, Filler G. Bicarbonate therapy improves growth in children with incomplete distal renal tubular acidosis. *Pediatr Nephrol.* 2009;24(8):1509–16.
63. Starke A, Corsenca A, Kohler T, Knubben J, Kraenzlin M, Uebelhart D, et al. Correction of metabolic acidosis with potassium citrate in renal transplant patients and its effect on bone quality. *Clin J Am Soc Nephrol.* 2012;7(9):1461–72.
64. Guimerà J, Martínez A, Tubau V, Sabate A, Bauza JL, Rios A, et al. Prevalence of distal renal tubular acidosis in patients with calcium phosphate stones. *World J Urol.* 2020;38(3):789–94.
65. Carrero JJ, González-Ortiz A, Avesani CM, Bakker SJL, Bellizzi V, Chauveau P, et al. Plant-based diets to manage the risks and complications of chronic kidney disease. *Nat Rev Nephrol.* 2020;16(9):525–42.