

DAFTAR PUSTAKA

1. Saeed B. Pediatric renal transplantation. *Int J Organ Transplant Med*. 2012;3(2):62-73
2. Chua A, Cramer C, Moudgil A, Martz K, Smith J, Blydt-Hansen T, et al. Kidney transplant practice patterns and outcome benchmarks over 30 years: The 2018 report of the NAPRTCS. *Pediatr Transplant*. 2019;23: petr.13597
3. Mubarak M. Practicing renal transplant pathology in a developing country: challenges and opportunities. *J Transplant Technol Res*. 2012;2:3-4
4. Pardede SO, Laksmi Hidayati E, Gita Ambarsari C, Adriani Puspitasari H, Trihono PP, Tambunan T. Pengalaman transplantasi ginjal pada anak di Jakarta. *Paediatr Indones*. 2019;21:44-9
5. Bonar M, Marbun H, Susalit E, Umami V. Seven years experience of living donor kidney transplantation in Indonesia: a retrospective cohort study. *Acta Med Indones*. 2018;50:119-24
6. Poggio ED, Augustine JJ, Arrigain S, Brennan DC, Schold JD. Long-term kidney transplant graft survival—making progress when most needed. *Am J Transplant*. 2021;21:2824–32.
7. Webb NJA, Maxwell H. Chronic renal transplantation dysfunction. In: Yap H-K, Teo S, Ng K-H, editors. *Comprehensive Pediatric Nephrology*. 4th ed. St. Louis: Elsevier; 2008. p. 947–66.
8. K LJ, N KH, T S, L PYW, Y HK. Pre-transplant evaluation of potential recipient. In: Yap H-K, Teo S, Ng K-H, editors. *Pediatric Nephrology*. 4th ed. Singapore: World Scientific; 2021.p.851-858
9. Opelz G, Döhler B, Middleton D, Süsal C. HLA matching in pediatric kidney transplantation: HLA poorly matched living donor transplants versus HLA well-matched deceased donor transplants. *Transplantation*. 2017;101:2789–92.
10. Ambarsari CG, Hidayati EL, Trihono PP, Saraswati M, Rodjani A, Wahyudi I, et al. Experience of the first 6 years of pediatric kidney transplantation in Indonesia: a multicenter retrospective study. *Pediatr Transplant*. 2020;24:petr.13812.
11. Winterberg PD, Garro R. Long-term outcomes of kidney transplantation in children. *Pediatr Clin North Am*. 2019;66:269–80.
12. Dharnidharka VR. Pediatric renal transplantation. In: *Chronic kidney disease, dialysis, and transplantation: a companion to Brenner and Rector's The kidney*. 2nd ed. Elsevier; 2018. p. 661-675.e7.
13. Pardede SO, Chunnaedy S. Penyakit ginjal kronik anak saripediatri.2009,.11:199-206
14. Becherucci F, Roperto RM, Materassi M, Romagnani P. Chronic kidney disease in

- children. Clin Kidney J. 2016;9:583–91.
15. Hidayati EL, Trihono PP. Admission characteristics of pediatric chronic kidney disease. Paediatr Indones. 2011;51:192-97
 16. Sahay M. Congenital anomalies of kidney and urinary tract (CAKUT). Clin Queries Nephrol. 2013;2:156–65.
 17. Nayak SS, Shukla A, Kodandapani S, Adiga PK, Girisha KM. What does fetal autopsy unmask in oligohydramnios? J Matern Fetal Neonatal Med. 2016;29:2347–51.
 18. Wühl E, van Stralen KJ, Verrina E, Bjerre A, Wanner C, Heaf JG, et al. Timing and outcome of renal replacement therapy in patients with congenital malformations of the kidney and urinary tract. Clin J Am Soc Nephrol. 2013;8:67–74.
 19. Bello AK, Levin A, Tonelli M, Okpechi IG, Feehally J, Harris D, et al. Assessment of global kidney health care status. JAMA. 2017;317:1864–81.
 20. Fleming GM. Renal replacement therapy review: Past, present, and future. Organogenesis. 2011;7:2–12.
 21. Odetunde OI, Okafor HU, Uwaezuoke SN, Ezeonwu BU, Ukoha OM. Renal replacement therapy in children in the developing world: Challenges and outcome in a tertiary hospital in southeast Nigeria. Sci World J. 2014;2014:1-6
 22. Davis ID, Bunchman TE, Grimm PC, Benfield MR, Briscoe DM, Harmon WE, et al. Pediatric renal transplantation: Indications and special considerations. A position paper from the Pediatric Committee of the American Society of Transplant Physicians. Pediatr Transplant. 1998;2:117–29.
 23. Abramyan S, Hanlon M. Kidney transplantation. In *StatPearls*. StatPearls Publishing. <http://www.ncbi.nlm.nih.gov/books/NBK567755/>
 24. Widajat R, Omega M, Heru M. Bukui Ajar Nefrologi. 3rd ed. Jakarta: Badan Penerbit Ikatan Dokter Anak Indonesia; 2017. p. 686–717.
 25. Jalanko H, Mattila I, Holmberg C. Renal transplantation in infants. Pediatr Nephrol. 2016;31:725–35.
 26. Amaral S, Sayed BA, Kutner N, Patzer RE. Preemptive kidney transplantation is associated with survival benefits among pediatric patients with end-stage renal disease. Kidney Int. 2016;90:1100–8.
 27. Sacca E, Hazza I. Pre-emptive pediatric renal transplantation. Saudi J Kidney Dis Transplant. 2006;17. Available from: <http://journals.lww.com/sjkd>
 28. Oomen L, Bootsma-Robroeks C, Cornelissen E, de Wall L, Feitz W. Pearls and pitfalls in pediatric kidney transplantation after 5 decades. Front Pediatr. 2022;10:856630
 29. Perhimpunan Nefrologi Indonesia (PERNEFRI). Konsensus transplantasi ginjal.



[Internet]. Available from: www.pernefri-inasn.org.

30. Ghelichi-Ghojogh M, Mohammadizadeh F, Jafari F, Vali M, Jahanian S, Mohammadi M, et al. The global survival rate of graft and patient in kidney transplantation of children: A systematic review and meta-analysis. *BMC Pediatr*. 2022;22:503-18
31. Hidayati EL. Luaran jangka panjang transplantasi ginjal pada anak. [Journal or Book Title, if available]. 2022;23:346-52
32. Van Heurn E, De Vries EE. Kidney transplantation and donation in children. *Pediatr Surg Int*. 2009;25:385-93.
33. Kasiske BL, Zeier MG, Chapman JR, Craig JC, Ekberg H, Garvey CA, et al. KDIGO clinical practice guideline for the care of kidney transplant recipients: A summary. *Kidney Int*. 2010;77:299-311.
34. Khosroshahi HT, Oskui R, Shoja MM, Tubbs RS, Ardalan MR. Time-dependent variations in urine output after renal transplantation. *Transplant Proc*. 2007;39:932-3.
35. Geary D, Schaefer F. *Comprehensive Pediatric Nephrology*. St. Louis: Elsevier; 2008. p. 967-75.
36. Grenda R. Delayed graft function and its management in children. *Pediatr Nephrol*. 2017;32:1157-67.
37. Alkandari O, Nguyen L, Hebert D, Langlois V, Jawa NA, Parekh RS, et al. Acute kidney injury in children with kidney transplantation. *Clin J Am Soc Nephrol*. 2018;13:1721-9.
38. McDonald RA, Smith JM, Stablein D, Harmon WE. Pretransplant peritoneal dialysis and graft thrombosis following pediatric kidney transplantation: A NAPRTCS report. *Pediatr Transplant*. 2003;7:204-8.
39. Smith JM, Stablein D, Singh A, Harmon WE, McDonald RA. Decreased risk of renal allograft thrombosis associated with interleukin-2 receptor antagonists: A report of the NAPRTCS. *Am J Transplant*. 2006;6:585-8.
40. Tavakoli A, Surange RS, Pearson RC, Parrott NR, Augustine T, Riad HN. Impact of stents on urological complications and healthcare expenditure in renal transplant recipients: Results of a prospective, randomized clinical trial. *J Urol*. 2007;177:2260-4.
41. Moreau A, Varey E, Anegon I, Cuturi MC. Effector mechanisms of rejection. *Cold Spring Harb Perspect Med*. 2013;3:a015461
42. Ingulli E. Mechanism of cellular rejection in transplantation. *Pediatr Nephrol*. 2010;25:61-74.
43. Yang JJ, Baek CH, Kim H, Kwon H, Shin S, Kim YH, et al. Hyperacute rejection in ABO-incompatible kidney transplantation: Significance of isoagglutinin subclass.



44. Grafals M, Thurman JM. The role of complement in organ transplantation. *Front Immunol.* 2019;10:2380
45. Basile DP, Anderson MD, Sutton TA. Pathophysiology of acute kidney injury. *Compr Physiol.* 2012;2:1303–53.
46. Semenova Y, Bayanova M, Rakhimzhanova S, Altynova S, Sailybayeva A, Asanova A, et al. Understanding pediatric kidney transplant rejection: Its pathophysiology, biomarkers, and management strategies. *Curr Med Chem.* 2024;31:1-00
47. Benfield MR, Herrin J, Feld L, Rose S, Stablein D, Tejani A. Safety of kidney biopsy in pediatric transplantation: A report of the Controlled Clinical Trials in Pediatric Transplantation Trial of Induction Therapy Study Group. *Transplantation.* 1999;67:544–7.
48. Black LM, Lever JM, Agarwal A. Renal inflammation and fibrosis: A double-edged sword. *J Histochem Cytochem.* 2019;67:663–81.
49. Chinnakotla S, Verghese P, Chavers B, Rheault MN, Kirchner V, Dunn T, et al. Outcomes and risk factors for graft loss: Lessons learned from 1,056 pediatric kidney transplants at the University of Minnesota. *J Am Coll Surg.* 2017;224:473–86.
50. Opelz G, Döhler B, Middleton D, Süsal C. HLA matching in pediatric kidney transplantation: HLA poorly matched living donor transplants versus HLA well-matched deceased donor transplants. *Transplantation.* 2017;101:2789–92.
51. Dharnidharka VR, Fiorina P, Harmon WE. Kidney Transplantation in Children. *N Engl J Med.* 2014;371:549–58. Available from: <http://www.nejm.org/doi/10.1056/NEJMra1314376>
52. Chisholm-Burns MA, Spivey CA, Rehfeld R, Zawaideh M, Roe DJ, Gruessner R. Immunosuppressant therapy adherence and graft failure among pediatric renal transplant recipients. *Am J Transplant.* 2009;9:2497–504.
53. Cochat P, Fargue S, Mestrallet G, Jungraithmayr T, Koch-Nogueira P, Ranchin B, et al. Disease recurrence in paediatric renal transplantation. *Pediatr Nephrol.* 2009;24:2097–108.
54. Bai J, Zhang T, Wang Y, Cao J, Duan Z, Ji L, et al. Incidence and risk factors for recurrent focal segmental glomerulosclerosis after kidney transplantation: a meta-analysis. *Ren Fail.* 2023;45:2201341
55. Little MA, Dupont P, Campbell E, Dorman A, Walshe JJ. Severity of primary MPGN, rather than MPGN type, determines renal survival and post-transplantation recurrence risk. *Kidney Int.* 2006;69:504–11.
56. Smith JM, Martz K, Blydt-Hansen TD. Pediatric kidney transplant practice patterns and outcome benchmarks, 1987-2010: A report of the North American Pediatric Renal

- Trials and Collaborative Studies. *Pediatr Transplant*. 2013;17:149–57.
57. Hart A, Smith JM, Skeans MA, Gustafson SK, Wilk AR, Robinson A, et al. OPTN/SRTR 2016 Annual Data Report: Kidney. *Am J Transplant*. 2018;18:18–113.
 58. Sarwal M, Pascual J. Immunosuppression minimization in pediatric transplantation. *Am J Transplant*. 2007;7:2227–35.
 59. Mele TS, Halloran PF. The use of mycophenolate mofetil in transplant recipients. *Immunopharmacology*. 2000;47:299–305. Available from: www.elsevier.com/locate/immpharm
 60. Verghese PS. Pediatric kidney transplantation: A historical review. *Pediatr Res*. 2017;81:259–64.
 61. Sawinski D, Blumberg EA. Infection in Renal Transplant Recipients. In: Bloo RoyD, Mehrotra R, Tuttle KR, Waikar SS, editors. *Chronic Kidney Disease, Dialysis and Transplantation*. 4th ed. Elsevier; 2019. p. 621–38.
 62. John U, Kemper MJ. Urinary tract infections in children after renal transplantation. *Pediatr Nephrol*. 2009;24:1129–36.
 63. Kahwaji J, Bunnapradist S, Hsu JW, Idroos ML, Dudek R. Cause of death with graft function among renal transplant recipients in an integrated healthcare system. *Transplantation*. 2011;91:225–30.
 64. Abraham SN, Miao Y. The nature of immune responses to urinary tract infections. *Nat Rev Immunol*. 2015;15:655–63.
 65. Bharuka V, Meshram R, Munjewar PK. Comprehensive review of urinary tract infections in renal transplant recipients: Clinical insights and management strategies. *Cureus*. 2024; [cited 2024 Dec 31]. Available from: <https://www.cureus.com/articles>
 66. Rees L, Brogan P, Bockenhauer D, Weeb N. *Paediatric Nephrology*. 2nd ed. Oxford University Press; 2012. p. 547–548.
 67. Gipson M. Percutaneous management of lymphoceles after renal transplantation. *Semin Intervent Radiol*. 2013;30:215–8.
 68. Behzadi P, Behzadi E, Yazdanbod H, Aghapour R, Mahboubbeh, Cheshmeh A, et al. A survey on urinary tract infections associated with the three most common uropathogenic bacteria. *Maedica (Buchar)*. 2010;5:219–24.
 69. Adams J, Mehls O, Wiesel M. Pediatric renal transplantation and the dysfunctional bladder. *Transpl Int*. 2004;17:596–602.
 70. Scaggs Huang FA, Danziger-Isakov L. Infectious disease risks in pediatric renal transplantation. *Pediatr Nephrol*. 2019;34:1155–66.
 71. Kyriakopoulos C, Gupta V. Renal failure drug dose adjustments. 2024 [cited 2024 Dec

- 31]. Available from: <https://www.renaldrugadjustments.com>
72. Jancel T, Dudas V, Jancel D. Medicine Cabinet Management of uncomplicated urinary tract infections. *West J Med*. 2002;176:51-5
73. Mitra S, Alangaden GJ. Recurrent urinary tract infections in kidney transplant recipients. *Curr Infect Dis Rep*. 2011;13:579-87.
74. Novotná E, Viklický O. BK viral infection after renal transplantation. *Vnitr Lek*. 2008;54:835-41.
75. Mandell G, Bennett J, Dolin R. Principles and Practices of Infectious Disease. 4th ed. Churchill Livingstone; 2005. p. 1786-1801.
76. Ritz E, Brennan DC. Disease of the Month: Cytomegalovirus in Renal Transplantation. *J Am Soc Nephrol*. 2001;12:1830-6. Available from: <http://journals.lww.com/jasn>
77. Razonable RR, Humar A. Cytomegalovirus in solid organ transplant recipients—Guidelines of the American Society of Transplantation Infectious Diseases Community of Practice. *Clin Transplant*. 2019;33:e13512
78. Balani SS, Sadiq S, Jensen CJ, Kizilbash SJ. Prevention and management of CMV infection in pediatric solid organ transplant recipients. *Front Pediatr*. 2023;11:1098434.
79. Parekh RS, Carroll CE, Wolfe RA, Port FK. Cardiovascular mortality in children and young adults with end-stage kidney disease. *J Pediatr*. 2002;141:191-7.
80. Terrace JD, Oniscu GC. Paediatric obesity and renal transplantation: current challenges and solutions. *Pediatr Nephrol*. 2016;31:555-62.
81. Franke D, Thomas L, Steffens R, Pavičić L, Gellermann J, Froede K, et al. Patterns of growth after kidney transplantation among children with ESRD. *Clin J Am Soc Nephrol*. 2015;10:127-34.
82. Rodig NM, McDermott KC, Schneider MF, Hotchkiss HM, Yadin O, Seikaly MG, et al. Growth in children with chronic kidney disease: a report from the Chronic Kidney Disease in Children Study. *Pediatr Nephrol*. 2014;29:1987-95.
83. Harambat J, Cochat P. Growth after renal transplantation. *Pediatr Nephrol*. 2009;24:1297-306.
84. Nissel R, Brázda I, Brázda B, Feneberg R, Wigger M, Greiner C, et al. Effect of renal transplantation in childhood on longitudinal growth and adult height. *Kidney Int*. 2004;66:1831-6.
85. Seikku P, Raivio T, Jänne OA, Neuvonen PJ, Holmberg C. Methylprednisolone exposure in pediatric renal transplant patients. *Am J Transplant*. 2006;6:1451-8.
86. Araújo NSS, Pereira RRF, Fram D, Hino P, Longo MCB, Taminato M. Quality of life in children with kidney transplant: Systematic review. *Rev Bras Enferm*.



87. Tozzi AE, Mazzotti E, Di Ciommo VM, Dello Strologo L, Cuttini M. Quality of life in a cohort of patients diagnosed with renal failure in childhood and who received renal transplant. *Pediatr Transplant*. 2012;16:840–5.
88. Yadav P, Nunia S, Bansal A, Sureka SK, Jena R, Ansari MS, et al. Multidimensional assessment of quality of life of children and problems of parents in Indian society after pediatric renal transplant: Beyond the conventional thoughts. *Pediatr Transplant*. 2017;21:petr.13001
89. Diseth TH, Tangeraas T, Reinfjell T, Bjerre A. Kidney transplantation in childhood: Mental health and quality of life of children and caregivers. *Pediatr Nephrol*. 2011;26:1881–92.
90. Sawinski D, Goral S. Diagnosis and therapy of graft dysfunction. In: Bloo RoyD, Mehrotra R, Tuttle KR, Waikar SS, editors. *Chronic Kidney Disease, Dialysis, and Transplantation*. 4th ed. Elsevier; 2019. p. 605–20.
91. Alexopoulos S, Matsuoka L, Karp SJ. Surgical management of the renal transplant recipient. In: *Chronic Kidney Disease, Dialysis and Transplantation*. 4th ed. Elsevier; 2019. p. 584–590.
92. Smith JM, Martz K, Blydt-Hansen TD. Pediatric kidney transplant practice patterns and outcome benchmarks, 1987-2010: A report of the North American Pediatric Renal Trials and Collaborative Studies. *Pediatr Transplant*. 2013;17:149–57.
93. Ma B, Ho M, Dm S, Sr A. Outcome of renal transplantation in adolescents with focal segmental glomerulosclerosis. *Pediatr Transplant*. 2002;6:488-92
94. Qiu W, Jiang Y, Wu J, Huang H, Xie W, Xie X, et al. Simple cysts in donor kidney contribute to reduced allograft function. *Am J Nephrol*. 2017;45:82–8.
95. K, HK Y, MA Q, S T, PYW L. Routine outpatient monitoring of transplant patients. In: *Pediatric Nephrology On-The-Go*. 4th ed. World Scientific Publishing Co. Pte. Ltd; 2021. p. 910–7.
96. Lau KK, Giglia L, Chan H, Chan AK. Management of children after renal transplantation: Highlights for general pediatricians. *Chin J Contemp Pediatr*. 2012;14:81–8.
97. Alangaden GJ, Thyagarajan R, Gruber SA, Morawski K, Garnick J, El-Amm JM, et al. Infectious complications after kidney transplantation: Current epidemiology and associated risk factors. *Clin Transplant*. 2006;20:401–9.
98. Manuel O, Estabrook M. RNA respiratory viruses in solid organ transplantation. *Am J Transplant*. 2013;13:212–9.
99. Vilchez RA, McCurry K, Dauber J, Iacono A, Griffith B, Fung J, et al. Influenza virus infection in adult solid organ transplant recipients. *Am J Transplant*. 2002;2:191–7.

100. Danziger-Isakov L, Kumar D. Vaccination in solid organ transplantation. *Am J Transplant*. 2013;13:311–7.
101. Rubin LG, Levin MJ, Ljungman P, Davies EG, Avery R, Tomblyn M, et al. Executive Summary: 2013 IDSA Clinical Practice Guideline for Vaccination of the Immunocompromised Host. *Clin Infect Dis*. 2014;58:309-18.
102. Fox TG, Nailescu C. Vaccinations in pediatric kidney transplant recipients. In: *Pediatric Nephrology*. Springer Verlag; 2019. p. 579–91.
103. Sternfeld T, Spöri-Byrtus V, Riediger C, Langer R, Friess H, Schmid RM, et al. Acute measles infection triggering an episode of liver transplant rejection. *Int J Infect Dis*. 2010;14:355-7.
104. Baas MC, Van Donselaar KAMI, Florquin S, Van Binnendijk RS, Ten Berge IJM, Bemelman FJ. Mumps: Not an innocent bystander in solid organ transplantation: Case report. *Am J Transplant*. 2009;9:2186-9.
105. Uslan DZ, Patel R, Virk A. International travel and exposure risks in solid-organ transplant recipients. *Transplantation*. 2008;86:407-12.
106. Grafals M, Vella JP, Chandraker A. Noninfectious complications after kidney transplantation. In: *Chronic Kidney Disease, Dialysis and Transplantation*. 4th ed. Elsevier; 2019. p. 639–50.
107. Büscher R, Vester U, Wingen AM, Hoyer PF. Pathomechanisms and the diagnosis of arterial hypertension in pediatric renal allograft recipients. *Pediatr Nephrol*. 2004;19:1202–11.
108. Mitsnefes MM. Hypertension and end-organ damage in pediatric renal transplantation. *Pediatr Nephrol*. 2004;19:1202-11.
109. Kuypers DRJ, Neumayer HH, Fritsche L, Budde K, Rodicio JL, Vanrenterghem Y. Calcium channel blockade and preservation of renal graft function in cyclosporine-treated recipients: A prospective randomized placebo-controlled 2-year study. *Transplantation*. 2004;78:1204–11.
110. Filler G, Neuschulz I, Vollmer I, Amendt P, Hoher B. Tacrolimus reversibly reduces insulin secretion in pediatric renal transplant recipients. *Nephrol Dial Transplant*. 2000;15(7):1063-6.
111. Fine RN, Stablein D, Cohen AH, Tejani A, Kohaut E. Recombinant human growth hormone post-renal transplantation in children: A randomized controlled study of the NAPRTCS. *Kidney Int*. 2002;62:2134-41.
112. Tong A, Tjaden L, Howard K, Wong G, Morton R, Craig JC. Quality of life of adolescent kidney transplant recipients. *J Pediatr*. 2011;159(3): 498-503.



113. Lewis H, Marks SD. Differences between pediatric and adult presentation of ESKD in attainment of adult social goals. *Pediatr Nephrol.* 2014;29(12):2379-85.
114. Fine RN, Martz K, Stablein D. What have 20 years of data from the North American Pediatric Renal Transplant Cooperative Study taught us about growth following renal transplantation in infants, children, and adolescents with end-stage renal disease? In: *Pediatric Nephrology.* 2010. p. 739-46.



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