

transplant patients: a systematic review. *JBI Database System Rev Implement Rep.* 2015 Sep; 13(9): 279–308.

14. Zhu Y, Zhou Y, Zhang L, Zhang J, Lin J. Efficacy of interventions for adherence to the immunosuppressive therapy in kidney transplant recipients: a meta-analysis and systematic review. *J Investig Med.* 2017 Oct; 65(7): 1049–1056.

15. Oberlin SR, Parente ST, Pruett TL. Improving medication adherence among kidney transplant recipients: Findings from other industries, patient engagement, and behavioral economics—A scoping review. *SAGE Open Med.* 2016 Jan 21; 4: 2050312115625026.

16. Demonceau J, Ruppert T, Kristanto P, et al. ABC project team. Identification and assessment of adherence-enhancing interventions in studies assessing medication adherence through electronically compiled drug dosing histories: a systematic literature review and meta-analysis. *Drugs.* 2013; 73: 545–562.

17. Chisholm-Burns MA, Spivey CA, Graff Zivin J, Lee JK, Sredzinski E, Tolley EA. Improving outcomes of renal transplant recipients with behavioral adherence contracts: a randomized controlled trial. *Am J Transplant.* 2013 Sep; 13(9): 2364–2373.

18. Russell C, Conn V, Ashbaugh C, Madsen R, Wakefield M, Webb A, Coffey D, Peace L. Taking immunosuppressive medications effectively (TIMELink): a pilot randomized contro-

lled trial in adult kidney transplant recipients. *Clin Transplant.* 2011 Nov-Dec; 25(6): 864–870.

19. Garcia MF, Bravin AM, Garcia PD, Contti MM, Nga HS, Takase HM, de Andrade LG. Behavioral measures to reduce non-adherence in renal transplant recipients: a prospective randomized controlled trial. *Int Urol Nephrol.* 2015 Nov; 47(11): 1899–1905.

20. Henriksson J, Tydén G, Höjjer J, Wadström J. A Prospective Randomized Trial on the Effect of Using an Electronic Monitoring Drug Dispensing Device to Improve Adherence and Compliance. *Transplantation.* 2016 Jan; 100(1): 203–209.

21. Reese PP, Bloom RD, Trofe-Clark J, et al. Automated Reminders and Physician Notification to Promote Immunosuppression Adherence Among Kidney Transplant Recipients: A Randomized Trial. *Am J Kidney Dis.* 2017 Mar; 69(3): 400–409.

22. Choudhry NK, Krumme AA, Ercole PM, et al. Effect of Reminder Devices on Medication Adherence: The REMIND Randomized Clinical Trial. *JAMA Intern Med.* 2017 May 1; 177(5): 624–631.

23. Kuypers DR, Peeters PC, Sennesael JJ, et al. ADMIRAD Study Team. Improved adherence to tacrolimus once-daily formulation in renal recipients: a randomized controlled trial using electronic monitoring. *Transplantation.* 2013 Jan 27; 95(2): 333–340.

24. Cassuto E, Pageaux GP, Cantarovich D, et al. OSIRIS investigators. Adherence to and Acceptance of Once-Daily Tacrolimus After Kidney and Liver Transplant: Results From OSIRIS, a French Observational Study. *Transplantation.* 2016 Oct; 100(10): 2099–2106.

25. Doesch AO, Mueller S, Akyol C, et al. Increased adherence eight months after switch from twice daily calcineurin inhibitor based treatment to once daily modified released tacrolimus in heart transplantation. *Drug Des Devel Ther.* 2013 Oct 21; 7: 1253–1258.

26. Chisholm MA, Vollenweider LJ, Mulloy LL, et al. Renal transplant patient compliance with free immunosuppressive medications. *Transplantation.* 2000 Oct 27; 70(8): 1240–1244.

27. Chisholm MA, Mulloy LL, DiPiro JT. Comparing renal transplant patients' adherence to free cyclosporine and free tacrolimus immunosuppressant therapy. *Clin Transplant.* 2005 Feb; 19(1): 77–82.

28. Nevins TE, Nickerson PW, Dew MA. Understanding Medication Nonadherence after Kidney Transplant. *J Am Soc Nephrol.* 2017 Aug; 28(8): 2290–2301.

29. Berben L, Dobbels F, Kugler C, Russell CL, De Geest S. Interventions used by health care professionals to enhance medication adherence in transplant patients: a survey of current clinical practice. *Prog Transplant.* 2011 Dec; 21(4): 322–331.