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IMPLEMENTATION OF ADHERENCE MONITORING PROGRAM IN LONG-TERM KIDNEY TRANSPLANT PATIENTS (B1), Trang Tran, Linda Awdishu, Ashley Feist, Jessica Lee, Lannie Duong, UCSD Medical Center, San Diego, CA, (tqt006@ucsd.edu), IRB approval pending

Pharmacists are in a unique position to improve immunosuppression therapy adherence in kidney transplant patients. This is a retrospective study to determine the impact of a newly implemented medication adherence monitoring program in long-term kidney transplant patients. Entry criteria for the adherence monitoring program include kidney transplant recipients who have been identified by transplant pharmacy specialists as non-adherent, patients who are English speakers and can be reached by telephone. The impact of the adherence monitoring program was determined by comparing pre-and-post adherence assessment questionnaire scores, refill histories and pertinent laboratory values. A total of 47 patients received monthly phone calls from a pharmacy resident or student during the period of August 2008 through January 2009. During each call, patients self-reported their medication non-adherence in the past month based on three adherence assessment questions. Pre and post adherence assessment questionnaire scores and anti-rejection medication refill histories will be compared. The proportion of patients with therapeutic immunosuppressant drug levels and change in serum creatinine pre and post implementation will be assessed. Results and conclusions will be discussed.