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IDENTIFYING HOSPITALIZATION RISK FACTORS TO PRIORITIZE MEDICATION THERAPY MANAGEMENT ENROLLMENT (B1), John Wu. Kaiser Permanente Medical Care Program, San Jose, CA. (john.x.wu@kp.org). IRB exempt.

The Kaiser Permanente Northern California Medicare Part D Medication Therapy Management (MTM) program optimizes patients' medications in the outpatient setting under physician approved protocols. The clinic program prioritizes MTM eligible patients based on factors such as recent hospitalizations, but has not created a patient contact triage algorithm to predicatively prioritize MTM enrollment based on risk factors. The objective of this retrospective analysis was to identify risk factors and trends correlating to hospitalization rates in MTM eligible patients. MTM eligible patients at the Kaiser Permanente San Jose Medical Center from January 1 to December 31, 2008 were included in this study. Patients were excluded if they expired, ceased to receive medical coverage at this facility, or were enrolled in long term care programs whose costs are covered by Medicare Part A in 2008. A review of the MTM eligible patients' medical records was performed to track potential risk factors, including demographic data, hospitalization rates and duration of stay. This data was then analyzed by logistic regression to identify trends in risk factors for hospitalization. The results of this analysis were used to create recommendations for future MTM patient list prioritizations. Results will be presented.