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PHARMACY REFILL RATES OF HAART AS  
PREDICTOR OF CD4 AND VL VALUES (B1) Sally M.

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Objectives: It is well-established that good medication adherence is necessary in HIV/AIDS. Although a gold standard of 95% adherence for good virologic response has been set, studies have shown good response with lower adherence rates. Pharmacy refill rates may be an early, non invasive marker of adherence. Most patients at the Jeffrey Goodman Clinic (JGC) get all of their highly active antiretroviral therapy (HAART) drugs at the affiliated pharmacy (JGCRx), and we can determine the role of pharmacy refill rates of HAART as a predictor of CD4/VL values. Methods: This retrospective study will include ~1000 patients from JGCRx. Eligible participants will: be treatment naïve prior to 7/1/05, get entire HAART from JGCRx, get HIV care from JGC, have  $\geq 1$  CD4/VL before and  $\geq 2$  results after starting HAART, and received  $\geq 3$  months of HAART. Prescription pickup rates will be analyzed to determine differences, if any, between individual drugs and the HAART regimen as a whole. Results: We will report the relationship between adherence and changes in CD4/VL values. Adherence will be measured as the total number of days supply of medication picked up, divided by the total number of days in the observation period. Relationships between individual drugs and the entire HAART regimen will be reported.