

A RETROSPECTIVE ANALYSIS OF INPATIENT USE OF EPOETIN ALFA (B4), Gene Nguyen, Stephanie Chao. Hoag Memorial Hospital Presbyterian, Newport Beach, CA, (gene.nguyen@hoaghospital.org).

Background: Recent safety data and new restrictions on reimbursement have prompted concerns regarding use of epoetin alfa. Objective: The primary objectives of this study are to evaluate the appropriateness of inpatient use of epoetin alfa (EPO) and to describe the prescribing patterns for EPO in the inpatient setting. The secondary objectives of this are: 1) compare the results to current evidence-based guidelines, 2) compare the results to a previously completed MUE in 2007, and 3) compare the results to a potential “per pharmacy” EPO pilot program. Methods: A retrospective chart review will be performed on all patients who received at least one dose of epoetin alfa during the specified study period. Data collection will be focused on the following areas: patient demographics, indication(s), dosage, dosing frequency, hematologic laboratory findings, use of PRBCs within one week after EPO administration, concomitant chemotherapy or within the previous 8-weeks before EPO administration, concomitant iron, folic acid, and/or vitamin B-12 therapy, and any adverse events. Final results and conclusions will be presented.