

APPROPRIATE USE OF ANTIBIOTICS FOR POSTOPERATIVE PROPHYLAXIS IN A UNIVERSITY HEALTH CARE SYSTEM (B4), Roger Clark, Joseph Bubalo. Oregon Health & Science University, Portland, OR (clarkrog@ohsu.edu) IRB approval received.

Antibiotic use postoperatively is necessary to prevent infections from surgical procedures. Given the implementation of new Center for Medicare and Medicaid Services (CMS) guidelines, it is imperative to prevent secondary infections, in order to avoid providing services that will not be reimbursed by CMS. It is also imperative that antibiotic stewardship be practiced with the use of prophylactic antibiotics. This project was designed as a retrospective chart review of patients who received antibiotic prophylaxis postoperatively at Oregon Health & Science University over a six month period of time. A one week sample of patients from each month (days 1 through 7) was identified, and the chart of each identified patient evaluated for the length of antibiotic therapy and surgical procedure. The selection of antibiotics for the procedure was compared to institution guidelines and current primary literature. The results of the study are intended to be used as evidence to develop an intervention geared towards bringing postoperative prescribing of antibiotics more in line with evidence based guidelines, should such adjustments be required. Results will be presented.