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EVALUATION OF A HOSPITAL-WIDE  
ANTICOAGULATION PROGRAM ON COMPLIANCE  
WITH NATIONAL PATIENT SAFETY GOAL 3E (B4),  
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pending.

The objective of this study is to evaluate the impact of an inpatient anticoagulation management program on the safe use of anticoagulants in a 390-bed community teaching hospital. Electronic billing records will be used to retrospectively identify patients that received unfractionated heparin (UFH), low molecular weight heparin (LMWH), or warfarin during a three month pre-intervention time period. These patients will then be compared to a similar cohort of patients following implementation of a hospital-wide anticoagulation management program. Data to be collected using the hospital electronic medical record will include patient demographics, medication specific information and clinical outcomes. Specific data to be evaluated include: appropriate laboratory monitoring, supratherapeutic INRs (>3.5), incidence of clinically significant bleeding or thrombotic events, documentation of patient education, appropriate dose adjustments for renal/hepatic impairment and concomitant use of UFH or LMWH with epidural anesthesia. All data will be recorded without patient identifiers and maintained confidentially. Patients less than 18 years of age will be excluded. This data will be used to

evaluate the effectiveness of standardized policies, procedures and pre-printed order sets in meeting the requirements of National Patient Safety Goal 3E. The results and data will be presented.