

Perioperative VTE Chemical Prophylaxis at Jefferson Hospital: A Retrospective Review of the Department of Surgery

Walker Lyons, MD; Matthew Metzinger, MBA, CPHQ; Tyler Grenda, MD; Craig Binney, MBA; Scott Cowan, MD
Department of Surgery | Thomas Jefferson University Hospitals | Philadelphia, PA

Introduction

- Patients with a Caprini Score \geq 3 should receive VTE ppx
- Investigate perioperative VTE ppx compliance within the Department of Surgery at TJUH/MDH

Method

- Retrospective chart review of all cases between July 2018 through June 2020
- Inclusion Criteria:
 - Elective Case
 - Procedure > 45 mins

Results

- Cases split into Elective inpatient or outpatient
- Organized by surgical service

Future Studies

- Survey of practice patterns
- Order set revisions
- Education sessions
- Collect data over a year and look for changes

Only 26.1% of patients are receiving perioperative VTE chemical prophylaxis for elective cases in the Department of Surgery



SCAN ME

Elective Cases	VTE PPX Ordered	VTE PPX Not Ordered	VTE PPX Order Completed
Inpatient	2084 (63.7%)	1187 (36.3%)	1136 (34.7%)
Outpatient	1418 (30.8%)	3191 (69.2%)	924 (20.0%)
Total	3502 (44.4%)	4378 (55.6%)	2060 (26.1%)