**Supplemental Figure 1: A screen shot of the General Surgery Computer Clinical Decision Support (CCDS) Tool**

The CCDS order set tool uses short checklists to guide the provider through the risk stratification process and then provides a list of risk-appropriate VTE prophylaxis options.

**Supplemental Figure 2:** **Proportions of surgical patients prescribed appropriate venous thromboembolism (VTE) prophylaxis by month for 15 months before (88.0%) and 15 months after (95.8%) implementation**