Supplementary Table 1: Long-term risk of incident VTE among bariatric surgery patients in relation to severely obese patients who did not undergo bariatric surgery

VTE definied using ICD-9 codes and anticoagulation perscription fill

|  | Non-Surgical Controls | | | Surgical Patients | | |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Cumulative Person-Years | Cumulative # of Events | Rate/1000-Pys | Cumulative Person-Years | Cumulative # of Events | Rate/1000-Pys | Adjusted HR*1* | 95% CI | p-value |
| Any VTE | | | | | | | | | |
| 30 Days Post Index Date | 17,771 | 35 | 2.0 | 2,457 | 84 | 34.2 | 11.93 | (8.38, 16.98) | <0.001 |
| 1 Year Post Index Date | 190,878 | 355 | 1.9 | 27,286 | 137 | 5.0 | 0.50 | (0.37, 0.66) | <0.001 |
| 5 Years Post Index Date | 581,629 | 1,232 | 2.1 | 89,147 | 226 | 2.5 | 0.64 | (0.48, 0.85) | 0.008 |
| PE | | | | | | | | | |
| 30 Days Post Index Date | 17,771 | 22 | 1.2 | 2,459 | 39 | 15.9 | 7.45 | (4.64, 11.97) | <0.001 |
| 1 Year Post Index Date | 190,921 | 187 | 1.0 | 27,345 | 52 | 1.9 | 0.29 | (0.18, 0.46) | <0.001 |
| 5 Years Post Index Date | 582,274 | 656 | 1.1 | 89,462 | 91 | 1.0 | 0.56 | (0.37, 0.85) | 0.018 |
| *1*Adjusted for site of surgery, age, most recent BMI pre-index, sex, diabetes status, race/ethnicity, Charlson/Elixhauser comordbity score, insulin use in the prior year, health care utilization in the 7-12 months prior to index date, dyslipidemia, hypertension diagnoses, hypertension at index, use of oral contraceptives at index, and smoking status | | | | | | | | | |
| HR: Hazard Ratio, CI: Confidence Interval | | | | | | | | | |