Table 1: Table 2: Long-term risk of incident VTE among bariatric surgery patients in relation to severely obese patients who did not undergo bariatric surgery

|  | 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 | 17,768 | 99 | 5.6 | 2,453 | 185 | 75.4 | 5.01 | (4.14, 6.05) | <0.001 |
| 1 Year Post Index Date | 190,558 | 953 | 5.0 | 27,148 | 328 | 12.1 | 0.52 | (0.41, 0.66) | <0.001 |
| 5 Years Post Index Date | 578,131 | 2,927 | 5.1 | 88,284 | 565 | 6.4 | 0.59 | (0.48, 0.73) | <0.001 |
| PE | | | | | | | | | |
| 30 Days Post Index Date | 17,770 | 45 | 2.5 | 2,459 | 56 | 22.8 | 3.93 | (2.87, 5.38) | <0.001 |
| 1 Year Post Index Date | 190,841 | 325 | 1.7 | 27,324 | 82 | 3.0 | 0.30 | (0.21, 0.44) | <0.001 |
| 5 Years Post Index Date | 581,408 | 1,056 | 1.8 | 89,317 | 142 | 1.6 | 0.45 | (0.32, 0.64) | <0.001 |
| *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, hormone therapy usage at index, use of oral contraceptives at index, and smoking status | | | | | | | | | |
| HR: Hazard Ratio, CI: Confidence Interval | | | | | | | | | |