| TABLE E-1 Patient Inclusion and Exclusion Criteria |
| --- |
| Inclusion |
|     CPT codes 22551 and 22554 |
| Exclusion |
|     CPT codes 0095T, 20680, 20970, 22220, 22226, 22522, 22548, 22552, 22585, 22590, 22595, 22600, 22610, 22612, 22614, 22630, 22632, 22808, 22830, 22840, 22841, 22842, 22843, 22846, 22849, 22850, 22855, 22856, 25001, 63015, 63051, 63075 without 22554, 63081, 63082, 63101, 63300, and 63302 |
|     Cases for acute trauma |
|     Cases coded with a wound class of 2 or greater |

| TABLE E-2 Patient Numbers Available for Each Data Point | |
| --- | --- |
| Characteristic | No. of Patients Available |
| Age | 2914 (100%) |
| Female sex | 2905 (100%) |
| Race or ethnicity | 2875 (99%) |
| Body mass index | 2903 (100%) |
| Recent weight loss | 2914 (100%) |
| Diabetes mellitus | 2914 (100%) |
| Current smoker | 2914 (100%) |
| Alcohol use of more than two drinks per day | 1952 (67%) |
| Chronic obstructive pulmonary disease | 2914 (100%) |
| Coronary artery disease | 2914 (100%) |
| Peripheral vascular disease | 1952 (67%) |
| History of transient ischemic attack | 1952 (67%) |
| Dialysis | 2914 (100%) |
| Corticosteroid use | 2914 (100%) |
| Bleeding disorder | 2914 (100%) |
| Preoperative blood transfusion | 2914 (100%) |
| Open wound or wound infection | 2914 (100%) |
| Chemotherapy | 1952 (67%) |
| Radiation therapy | 1928 (66%) |
| Other recent operation | 1966 (67%) |
| Preoperative sepsis | 2893 (99%) |
| White blood cell count | 2619 (90%) |
| Hematocrit | 2646 (91%) |
| Platelets | 2621 (90%) |
| Creatinine | 2388 (82%) |
| Serum albumin | 1060 (36%) |
| International normalized ratio | 1626 (56%) |
| American Society of Anesthesiologists class | 2913 (100%) |
| Operative blood transfusion | 793 (27%) |
| Length of operation | 2914 (100%) |
| Resident involvement | 1778 (61%) |
| Length of stay | 2914 (100%) |

| TABLE E-3 Patient Variables Included in the Multivariate Analysis |
| --- |
| Age |
| Body mass index |
| Diabetes |
| History of chronic obstructive pulmonary disease |
| Sepsis within thirty days preoperatively |
| Dialysis |
| Corticosteroid use |
| American Society of Anesthesiologists class |
| Operative time |
| Inpatient or outpatient status |