**APPENDIX I**

**Supplemental Table S1:** Demographics of Comorbidities and Relationship to Infection

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Comorbidities**  | **No. Patients** | **No. Infection** | **Rate Infection (%)** | **Odds Ratio Infection (95% CI)** | **P-Value** |
| Cardiac Arrhythmias  | 25657 | 199  | 0.776  | 2.86 (1.09-11.59)  | 0.071  |
| Hypertension, uncomplicated  | 15849 | 136  | 0.858  | 1.37 (1.02-1.86)  | 0.036  |
| Congestive Heart Failure  | 10953 | 125  | 1.14  | 2.37 (1.78-3.18)  | <0.001  |
| Diabetes, complicated  | 6646 | 66  | 0.993  | 1.5 (1.11-2.02)  | 0.008  |
| Diabetes, uncomplicated  | 5585 | 48  | 0.859  | 1.2 (0.85-1.65)  | 0.284  |
| Fluid/Electrolyte Disorders  | 4800 | 90  | 1.88  | 3.89 (2.93-5.16)  | <0.001  |
| Chronic Pulmonary Disorders  | 4705 | 63  | 1.34  | 2.19 (1.6-2.94)  | <0.001  |
| Valvular Disease  | 3835 | 100  | 2.61  | 6.07 (4.58-8.06)  | <0.001  |
| Renal Failure  | 2740 | 47  | 1.72  | 2.7 (1.92-3.74)  | <0.001  |
| Peripheral Vascular Disorders  | 1879 | 35  | 1.86  | 2.9 (1.98-4.14)  | <0.001  |
| Hypothyroidism  | 1835 | 20  | 1.09  | 1.53 (0.93-2.38)  | 0.072  |
| Pulmonary Circulation Disorders  | 1833 | 37  | 2.02  | 3.09 (2.11-4.39)  | <0.001  |
| Solid tumor  | 1742 | 16  | 0.918  | 1.28 (0.73-2.07)  | 0.349  |
| Obesity  | 1573 | 16  | 1.02  | 1.42 (0.81-2.29)  | 0.184  |
| Other Neurological Disorders  | 1549 | 21  | 1.36  | 1.96 (1.21-3.01)  | 0.004  |
| Depression  | 1420 | 19  | 1.34  | 1.93 (1.16-3.02)  | 0.007  |
| Coagulopathy  | 1333 | 26  | 1.95  | 2.92 (1.89-4.35)  | <0.001  |
| Anemia, Deficiency  | 1177 | 13  | 1.10  | 1.53 (0.83-2.59)  | 0.14  |
| Weight Loss  | 924 | 19  | 2.06  | 3.01 (1.81-4.72)  | <0.001  |
| Alcohol  | 685 | 8  | 1.17  | 1.62 (0.73-3.08)  | 0.186  |
| Rheumatoid Arthritis  | 619 | 11  | 1.78  | 2.52 (1.28-4.44)  | 0.003  |
| Liver Disease  | 611 | 21  | 3.44  | 5 (3.04-7.81)  | <0.001  |
| Metastatic cancer  | 522 | 8  | 1.53  | 2.14 (0.96-4.08)  | 0.036  |
| Paralysis  | 402 | 8  | 1.99  | 2.79 (1.25-5.34)  | 0.005  |
| Peptic Ulcer Disease  | 384 | 4  | 1.04  | 1.43 (0.44-3.38)  | 0.484  |
| Hypertension, complicated  | 317 | 8  | 2.52  | 3.62 (1.63-6.95)  | <0.001  |
| Anemia, Blood Loss  | 286 | 3  | 1.05  | 1.42 (0.35-3.77)  | 0.545  |
| Substance Use Disorder | 267 | 11  | 4.12  | 6.07 (3.07-10.77)  | <0.001  |
| Lymphoma  | 225 | 3  | 1.33  | 1.85 (0.46-4.92)  | 0.292  |
| Psychoses  | 135 | 0 | 0 | 0 (0-0)  | 0.971  |
| AIDS  | 17 | 1  | 5.88  | 8.28 (0.46-40.87)  | 0.041 |