Supplemental Table 1: Characteristics of Patients with a Central Line Associated Blood Stream Infection

|  |  |  |  |
| --- | --- | --- | --- |
| **Demographics, n (%)** | **Black**, N = 111  | **White**, N = 164  | **p-valuea**  |
| Age (years), Median (IQR)  | 58 (46 – 65)  | 59 (49 – 69)  | 0.086  |
| Sex |   |   | 0.078  |
|  Female  | 58 (52)  | 68 (41)  |   |
| **Social Determinants, n (%)** |  |  |  |
| Insurance |   |   | 0.002  |
|  Medicaid  | 30 (27)  | 23 (14)  |   |
|  Medicare  | 57 (51)  | 72 (44)  |   |
|  Private/Commercial  | 21 (19)  | 57 (35)  |   |
|  Self-pay  | 3 (2.7)  | 12 (7.3)  |   |
| Rurality |   |   | 0.058  |
|  Urban  | 93 (84)  | 116 (71)  |   |
|  Large Rural City/ Town  | 16 (14)  | 42 (26)  |  |
|  Small Rural Town  | 1 (0.9)  | 4 (2.5)  |   |
|  Isolated Small Rural Town  | 1 (0.9)  | 1 (0.6)  |   |
|  Unknown  | 0  | 1  |   |
| **Clinical Characteristics, n (%)** |  |  |  |
| Diabetes | 68 (61)  | 94 (57)  | 0.51  |
| Dialysis | 29 (26)  | 15 (9.1)  | <0.001  |
| Total Parenteral Nutrition  | 28 (25)  | 52 (32)  | 0.25  |
| Cancer | 31 (28)  | 56 (34)  | 0.28  |
| Transplant  | 11 (9.9)  | 15 (9.1)  | 0.83  |
| Death | 25 (23)  | 37 (23)  | >0.99  |
| COVID-19 | 16 (14)  | 32 (20)  | 0.27  |
| Charlson Comorbidity Indexb, Median (IQR)  | 7.0 (4.0 – 9.0)  | 6.0 (3.0 – 9.0)  | 0.56  |
| Length of stay (days), Median (IQR)  | 28 (15 – 46)  | 28 (14 – 48)  | 0.99  |
| **Central Line Characteristics** |  |  |  |
| Line days, Median (IQR)  | 16 (9 – 29)  | 18 (9 – 32)  | 0.56  |
| Type of central line, n (%) |   |   | 0.019  |
|  PICC  | 29 (28)  | 78 (48)  |   |
|  Dialysis  | 21 (20)  | 25 (15)  |   |
|  Non-tunneled CL | 28 (27)  | 27 (17)  |   |
|  Implanted port  | 13 (12)  | 15 (9.3)  |   |
|  Tunneled CL | 4 (3.8)  | 9 (5.6)  |   |
|  Multiple  | 10 (9.5)  | 8 (4.9)  |   |
|  Unknown  | 6  | 2  |   |
| a Wilcoxon rank sum test; Pearson's Chi-squared test b Age adjusted    |