Supplemental Table 1: Conditions included in Elixhauser Index

Congestive heart failure

Cardiac arrhythmia

Valvular disease

Pulmonary circulation disorder

Peripheral vascular disease

Hypertension

Paralysis

Other neurological disorder

Chronic pulmonary disease

Diabetes, uncomplicated

Diabetes with complications

Hypothyroidism

Renal failure

Liver disease

Peptic ulcer disease

AIDS

Lymphoma

Metastatic cancer

Solid tumour without metastases

Rheumatoid arthritis

Coagulopathy

Obesity

Weight loss

Fluid and electrolyte disorders

Blood loss anemia

Deficiency anemia

Alcohol abuse

Drug abuse

Psychosis

Depression

**Supplemental Table 2: Characteristics of Veterans Lost from Admission to Discharge**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Lost from Admission to Discharge**  **N (**%**) Veterans** | | |
| **Variable** | **No**  **(*n* = 876)** | **Yes (*n* = 253)** | ***p* Value1** |
| **Age, Median (IQR)** | 44 (36 - 56) | 46 (36 – 55) | 0.32 |
| **Gender, n (%)** |  |  | 0.73 |
| Man | 740 (84) | 217 (86) |  |
| Woman | 127 (14) | 35 (14) |  |
| Transgender/Other/No answer | 9 (1.0) | 1 (0.4) |  |
| **Race, n (%)** |  |  | 0.82 |
| American Indian/Alaskan | 49 (5.6) | 10 (4.0) |  |
| Asian | 7 (0.8) | 3 (1.2) |  |
| Black | 237 (27) | 71 (28) |  |
| Other | 33 (3.8) | 9 (3.6) |  |
| Pacific Islander | 4 (0.5) | 2 (0.8) |  |
| White | 546 (62) | 158 (62) |  |
| **Ethnicity, n (%)** |  |  | 0.67 |
| Hispanic | 59 (6.7) | 19 (7.5) |  |
| Non-Hispanic | 817 (93) | 234 (92) |  |
| **Years of Education, Median (IQR)** | 13 (12 – 15) | 12 (12 – 15) | 0.77 |
| **PCL-5, Median (IQR)** | 61 (52 – 68) | 61 (51 – 68) | 0.91 |
| **GAD-7, Median (IQR)** | 16 (12 – 19) | 16 (12 – 19) | 0.92 |
| **PHQ-9, Median (IQR)** | 18 (14 – 22) | 18 (14 – 22) | 0.76 |
| **Combat trauma, n (%)** | 608 (69) | 170 (67) | 0.50 |
| **Additional trauma, n (%)** |  |  |  |
| Military Sexual Trauma | 268 (31) | 73 (29) | 0.60 |
| Non-Military Sexual Trauma | 212 (24) | 64 (25) | 0.72 |
| Vehicle accident | 435 (50) | 113 (45) | 0.16 |
| Other accident | 221 (25) | 65 (26) | 0.88 |
| Victim of violence | 333 (38) | 91 (36) | 0.55 |
| Natural disaster | 160 (18) | 44 (17) | 0.75 |
| Other traumatic incident | 473 (54) | 135 (53) | 0.86 |
| None | 26 (3.0) | 9 (3.6) | 0.63 |
| **Individual EBP** |  |  |  |
| 8+ sessions of PE | 219 (25) | 78 (31) | 0.06 |
| 8+ sessions of CPT | 657 (75) | 175 (69) |  |
| **Program completion, n (%)** |  |  |  |
| Completed | 852 (97) | 216 (85) | <.001 |
| Not completed | 24 (2.7) | 37 (15) |  |
| **Length of Stay, median (IQR), days** | 52 (46 – 56) | 52 (46 – 63) | 0.37 |
| **SUD Services, n (%)** | 669 (76) | 183 (72) | 0.19 |

1Wilcoxon rank sum test; Pearson’s Chi-squared test

**Supplemental Table 3: Characteristics of Veterans Lost to 4-Month Follow-up**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Lost from Admission to 4-Month Follow-up,**  **N (**%**) Veterans** | | |
| **Variable** | **No**  **(*n* = 397)** | **Yes (*n* = 732)** | ***p* Value1** |
| **Age, Median (IQR)** | 49 (37 – 58) | 43 (35 – 54) | <.001 |
| **Gender, n (%)** |  |  | 0.47 |
| Man | 332 (84) | 625 (85) |  |
| Woman | 60 (15) | 102 (14) |  |
| Transgender/Other/No answer | 5 (1.3) | 5 (0.7) |  |
| **Race, n (%)** |  |  | 0.12 |
| American Indian/Alaskan | 20 (5.0) | 39 (5.3) |  |
| Asian | 0 (0) | 10 (1.4) |  |
| Black | 109 (27) | 199 (27) |  |
| Other | 19 (4.8) | 23 (3.1) |  |
| Pacific Islander | 1 (0.3) | 5 (0.7) |  |
| White | 248 (62) | 456 (62) |  |
| **Ethnicity, n (%)** |  |  | 0.26 |
| Hispanic | 32 (8.1) | 46 (6.3) |  |
| Non-Hispanic | 365 (92) | 686 (94) |  |
| **Years of Education, Median (IQR)** | 13 (12 – 15) | 13 (12 – 15) | 0.74 |
| **PCL-5, Median (IQR)** | 60 (51 – 67) | 61 (52 – 68) | 0.19 |
| **GAD-7, Median (IQR)** | 16 (12 – 18) | 16 (12 – 19) | 0.36 |
| **PHQ-9, Median (IQR)** | 18 (14 – 21) | 19 (14 – 22) | 0.10 |
| **Combat trauma, n (%)** | 259 (65) | 519 (71) | 0.05 |
| **Additional trauma, n (%)** |  |  |  |
| Military Sexual Trauma | 115 (29) | 226 (31) | 0.51 |
| Non-Military Sexual Trauma | 92 (23) | 184 (25) | 0.46 |
| Vehicle accident | 175 (44) | 373 (51) | 0.03 |
| Other accident | 102 (26) | 184 (25) | 0.84 |
| Victim of violence | 144 (36) | 280 (38) | 0.51 |
| Natural disaster | 68 (17) | 136 (19) | 0.55 |
| Other traumatic incident | 226 (57) | 382 (52) | 0.13 |
| None | 10 (2.5) | 25 (3.4) | 0.41 |
| **Individual EBP** |  |  | 0.61 |
| 8+ sessions of PE | 108 (27) | 189 (26) |  |
| 8+ sessions of CPT | 289 (73) | 543 (74) |  |
| **Program completion, n (%)** |  |  | 0.88 |
| Completed | 375 (94) | 693 (95) |  |
| Not completed | 22 (5.5) | 39 (5.3) |  |
| **Length of Stay, median (IQR), days** | 52 (46 – 56) | 52 (46 – 58) | 0.51 |
| **SUD Services, n (%)** | 300 (76) | 552 (75) | 0.95 |

1Wilcoxon rank sum test; Pearson’s Chi-squared test

**Supplemental Table 4: Characteristics of Veterans Lost to 1-Year Follow-up**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Lost from Admission to 1-Year Follow-up,**  **N (**%**) Veterans** | | |
| **Variable** | **No**  **(*n* = 422)** | **Yes (*n* = 707)** | ***p* Value1** |
| **Age, Median (IQR)** | 44 (36 – 56) | 43 (36 – 56) | 0.98 |
| **Gender, n (%)** |  |  | 0.054 |
| Man | 351 (83) | 606 (86) |  |
| Woman | 70 (17) | 92 (13) |  |
| Transgender/Other/No answer | 1 (0.2) | 9 (1.3) |  |
| **Race, n (%)** |  |  | 0.97 |
| American Indian/Alaskan | 22 (5.2) | 37 (5.2) |  |
| Asian | 3 (0.7) | 7 (1.0) |  |
| Black | 121 (29) | 187 (26) |  |
| Other | 14 (3.3) | 28 (4.0) |  |
| Pacific Islander | 2 (0.5) | 4 (0.6) |  |
| White | 260 (62) | 444 (63) |  |
| **Ethnicity, n (%)** |  |  | 0.84 |
| Hispanic | 30 (7.1) | 48 (6.8) |  |
| Non-Hispanic | 392 (93) | 659 (93) |  |
| **Years of Education, Median (IQR)** | 13 (12-15) | 13 (12-15) | 0.70 |
| **PCL-5, Median (IQR)** | 61 (51-68) | 61 (52-67) | 0.94 |
| **GAD-7, Median (IQR)** | 16 (12-19) | 16 (12-19) | 0.89 |
| **PHQ-9, Median (IQR)** | 18.5 (14-22) | 18 (14-22) | 0.87 |
| **Combat trauma, n (%)** | 276 (65) | 502 (71) | 0.049 |
| **Additional trauma, n (%)** |  |  |  |
| Military Sexual Trauma | 138 (33) | 203 (29) | 0.16 |
| Non-Military Sexual Trauma | 101 (24) | 175 (25) | 0.76 |
| Vehicle accident | 209 (50) | 339 (48) | 0.61 |
| Other accident | 109 (26) | 177 (25) | 0.77 |
| Victim of violence | 157 (37) | 267 (38) | 0.85 |
| Natural disaster | 74 (18) | 130 (18) | 0.72 |
| Other traumatic incident | 227 (54) | 381 (54) | 0.97 |
| None | 13 (3.1) | 22 (3.1) | 0.98 |
| **Individual EBP** |  |  | 0.62 |
| 8+ sessions of PE | 107 (25) | 190 (27) |  |
| 8+ sessions of CPT | 315 (75) | 517 (73) |  |
| **Program completion, n (%)** |  |  | 0.83 |
| Completed | 400 (95) | 668 (94) |  |
| Not completed | 22 (5.2) | 39 (5.5) |  |
| **Length of Stay, median (IQR), days** | 52 (46-58) | 51 (46-57) | 0.48 |
| **SUD Services, n (%)** | 316 (75) | 517 (73) | 0.72 |

1Wilcoxon rank sum test; Pearson’s Chi-squared test