

Table S1. Characteristics of All Enrolled Sepsis Patients in Comparison to Selected Sepsis Cohort.

| | Study Cohort (<i>n</i> = 118) | Total Enrolled (<i>n</i> = 363) |
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| Male, <i>n</i> (%) | 67 (56.8) | 196 (54) |
| Age in years, mean (SD) | 60.3 (15) | 59 (15.5) |
| Age ≥ 65, <i>n</i> (%) | 49 (41.5) | 145 (39.9) |
| Race, <i>n</i> (%) | | |
| Caucasian | 104 (88.1) | 324 (89.3) |
| African American | 11 (9.3) | 35 (9.6) |
| American Indian | 1 (0.8) | 1 (0.3) |
| Asian | 1 (0.8) | 1 (0.3) |
| Other | 1 (0.8) | 1 (0.3) |
| Unknown | 0 (0) | 1 (0.3) |
| BMI, median (25th, 75th) | 29.5 (24.4, 38) | 29.5 (24.9, 36.9) |
| Charlson comorbidity index, median (25th, 75th) | 3 (2, 5) | 3 (1, 5) |
| APACHE II, median (25th, 75th) | 20 (14, 25) | 17 (11, 23) |
| Inter-facility hospital transfer, <i>n</i> (%) | 55 (46.6) | 152 (41.9) |
| Sepsis severity by Sepsis 2 criteria, <i>n</i> (%) | | |
| Sepsis | 20 (16.9) | 110 (30.3) |
| Severe sepsis | 57 (48.3) | 156 (43) |
| Septic shock | 41 (34.7) | 97 (26.7) |
| Sepsis severity by Sepsis 3 criteria, <i>n</i> (%) | | |
| Does not qualify | 0 (0) | 20 (5.5) |
| Sepsis | 83 (70.3) | 255 (70.2) |
| Septic shock | 35 (29.7) | 88 (24.2) |
| Primary Sepsis Diagnosis, <i>n</i> (%) | | |
| CLABSI/Bacteremia | 2 (1.7) | 8 (2.2) |
| De Novo Intra-Abdominal Infection | 27 (22.9) | 105 (28.9) |
| Necrotizing Soft Tissue Infection | 15 (12.7) | 43 (11.8) |
| Pneumonia | 26 (22) | 58 (16) |
| Surgical Site Infection | 34 (28.8) | 82 (22.6) |
| Urosepsis | 6 (5.1) | 41 (11.3) |
| Other | 8 (6.8) | 26 (7.2) |
| Creatinine at sepsis onset, median (25th, 75th) | 1.1 (0.7, 1.7) | 1.1 (0.7, 1.7) |
| ALC at sepsis onset, median (25th, 75th) | 0.3 (0, 0.6) | 0.6 (0.3, 0.9) |
| Lactate at sepsis onset, median (25th, 75th) | 1.7 (1.1, 2.7) | 1.7 (1.2, 2.8) |
| In-hospital mortality, <i>n</i> (%) | 6 (5.1) | 28 (7.7) |
| ICU Length of Stay (LOS), median (25th, 75th) | 19 (11, 28) | 7 (3, 17) |
| Hospital LOS, median (25th, 75th) | 28 (21, 38) | 15 (8, 26) |
| Maximum SOFA score 24 hours, median (25th, 75th) | 9 (7, 12) | 7 (5, 10) |

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| Multiple Organ Failure incidence, <i>n</i> (%) | 74 (62.7) | 153 (42.3) |
| Clinical trajectory, <i>n</i> (%) | | |
| Early Death | 0 (0) | 14 (3.9) |
| CCI | 79 (66.9) | 124 (34.2) |
| RAP | 39 (33.1) | 225 (61.9) |
| Discharge disposition, <i>n</i> (%) | | |
| “Good” disposition | 44 (37.3) | 207 (57) |
| Home | 7 (5.9) | 72 (19.8) |
| Home healthcare services | 26 (22) | 109 (30) |
| Rehab | 11 (9.3) | 26 (7.2) |
| “Poor” disposition | 74 (62.7) | 156 (43) |
| Long Term Acute Care facility | 34 (28.8) | 54 (14.9) |
| Skilled Nursing facility | 20 (16.9) | 53 (14.6) |
| Another Hospital | 9 (7.6) | 13 (3.6) |
| Hospice | 5 (4.2) | 8 (2.2) |
| Death | 6 (5.1) | 28 (7.7) |
| 30-day mortality, <i>n</i> (%) | 8 (6.8) | 33 (9.4) |
| 12-month mortality, <i>n</i> (%) | 35 (29.7) | 76 (23.2) |
| Zubrod at 12 months, median (25th, 75th) | 3 (1, 5) | 1 (1, 4.5) |

CCI = Chronic Critical Illness; RAP = Rapid Recovery; BMI = Body Mass Index; ALC = Absolute Lymphocyte Count; ICU = Intensive Care Unit; SOFA = Sequential Organ Failure Assessment Score.