**Table S4:** Linear regression of change in PedsQLTM score from baseline to follow-up among ICU patients (n=91)

|  |  |  |  |
| --- | --- | --- | --- |
| **Risk Factor** | **Linear coefficient** | **95% Confidence Interval** | **p-value** |
| *Constant* | -1.39 | -12.59 – 9.80 | 0.81 |
| **Age Category** |  |  |  |
|  1 mo – 1 yr | Ref |  |  |
|  >1 yr – 5 yrs | -10.86 | -19.22 – -2.50 | 0.01 |
|  >5 yrs – 12 yrs  | -19.01 | -31.35 – -6.67 | 0.003 |
|  >12 yrs | -14.69 | -25.70 – -6.67 | 0.01 |
| **Insurance** |  |  |  |
|  Private | Ref |  |  |
|  Public | 3.39 | -3.25 – 10.02 | 0.31 |
| **PMCA Category** |  |  |  |
|  No chronic disease | Ref |  |  |
|  Non-complex chronic disease | 9.31 | 1.80 – 16.82 | 0.02 |
|  Complex chronic disease | 10.08 | 1.06 – 19.10 | 0.03 |
| **Immune Status** |  |  |  |
|  Non-compromised | Ref |  |
|  Compromised | -15.20 | -28.97 – -1.42 | 0.03 |
| **Source of Infection** |  |  |  |
|  Lung | Ref |  |
|  Intra-abdominal/GI | -14.22 | -29.00 – 0.55 | 0.06 |
|  Soft tissue | -16.95 | -33.17 – -0.73 | 0.04 |
|  Blood | -8.10 | -21.30 – -5.10 | 0.23 |
|  CNS | -9.58 | -21.92 – 2.76 | 0.13 |
|  Bone/joint | 12.97 | -17.58 – 43.52 | 0.40 |
|  Other | 2.24 | -5.70 – 10.19 | 0.58 |
| **Sepsis category** |  |  |  |
|  Sepsis | Ref |  |  |
|  Severe sepsis | -3.04 | -10.96 – 4.88 | 0.45 |
|  Septic shock | 6.66 | -4.99 – 18.30 | 0.26 |
| **PRISM III** | 0.89 / point | 0.03 – 1.75 | 0.04 |
| **Hospital LOS** | -0.52 / day | -0.96 – -0.09 | 0.02 |
| **Weeks to follow-up** | 0.82 / week | -0.34 – 1.97 | 0.17 |

Abbreviations: PMCA, Pediatric Medical Complexity Algorithm; PRISM, Pediatric Risk of Mortality; LOS, Length of stay