**Table S3:** Linear regression of change in PedsQLTM score from baseline to follow-up among non-ICU patients (n=699)

|  |  |  |  |
| --- | --- | --- | --- |
| **Risk Factor** | **Linear coefficient** | **95% Confidence Interval** | **p-value** |
| *Constant* | -0.64 | -6.52 – 5.23 | 0.83 |
| **Age Category** |  |  |  |
|  1 mo – 1 yr | Ref |  |  |
|  >1 yr – 5 yrs | -2.69 | -6.52 – 1.15 | 0.17 |
|  >5 yrs – 12 yrs  | -1.49 | -5.54 – 2.56 | 0.47 |
|  >12 yrs | 0.27 | -4.11 – 4.66 | 0.90 |
| **Insurance** |  |  |  |
|  Private | Ref |  |  |
|  Public | 3.16 | 0.72 – 5.61 | 0.01 |
| **PMCA****Category** |  |  |  |
|  No chronic disease | Ref |  |  |
|  Non-complex chronic disease | 2.10 | -1.25 – 5.46 | 0.22 |
|  Complex chronic disease | 2.13 | -1.84 – 6.10 | 0.29 |
| **Immune Status** |  |  |  |
|  Non-compromised | Ref |  |
|  Compromised | -4.65 | -9.04 – -0.26 | 0.04 |
| **Source of Infection** |  |  |  |
|  Lung | Ref |  |
|  Intra-abdominal/GI | 1.48 | -2.73 – 5.70 | 0.49 |
|  Soft tissue | 2.79 | -2.08 – 7.66 | 0.26 |
|  Blood | 0.52 | -7.57 – 8.61 | 0.90 |
|  CNS | 0.71 | -9.97 – 11.38 | 0.90 |
|  Bone/joint | 1.00 | -5.35 – 7.35 | 0.76 |
|  Other | 3.25 | -0.49 – 7.00 | 0.09 |
| **Sepsis category** |  |  |  |
|  Sepsis | Ref |  |  |
|  Severe sepsis | -10.74 | -26.77 – 5.29 | 0.19 |
|  Septic shock | -8.69 | -17.54 – 0.17 | 0.054 |
| **MPEWS**a | 0.74 / point | -0.003 – 1.48 | 0.051 |
| **Hospital LOS** | -0.77 / day | -1.14 – -0.39 | <0.001 |
| **Weeks to follow-up** | 0.51 / week | 0.11 – 0.91 | 0.01 |

Abbreviations: PMCA, Pediatric Medical Complexity Algorithm; MPEWS, Modified Pediatric Early Warning Score; LOS, Length of stay

aHighest of admission