**Supplemental Tables:**

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| **Supplemental Table 1: Parent and Child Baseline Demographics** |  |
| Characteristics of the Parents |
| *Total Parents Enrolled*  | ***n=265*** |
| **Female Gender** | 155 (58%) |
| **Median Parental Age (IQR)** | 36 (31-42) a |
| **Admission Hospital:**Maria Fareri Children’s Hospital Penn State University Medical Center  | 147 (55%)118 (45%) |
| **Hispanic Ethnicity**  | 39 (15%) |
| **Primary Caregiver of Patient**  | 252 (95%) |
| **Lives with Child:** Always Sometimes Never  | 238 (90%)15 (6%)11 (4%) |
| **Household Salary as a Representation of U.S. 2016 Multiple of Federal Poverty Level:**<1 FPL1-2 FPL2-5 FPL≥ 5 FPL | 13 (6%)40 (19%)69 (34%)84 (41%) |
| **Employment Status:** Working Full Time Working Part Time Full Time at Home Student Unemployed Other  | 143 (54%)32 (12%)45 (17%)4 (2%)10 (4%)28 (11%) |
| **Marital Status:**Married/Partnered Divorced/SeparatedNever Married No Response | 202 (76%)25 (9%)16 (6%)22 (8%) |
| **Educational Status:**Did not Graduate High School Highest Degree High School/GED Highest Degree Technical School Highest Degree College Highest Degree Graduate/Professional School No Response | 8 (3%)107 (40%) 15 (6%)86 (32%)44 (17%)5 (2%) |
| **Chronic Medical Illness**  | 112 (42%) |
| **Pre-existing Psychiatric Disorder on PHQ:** | 64 (24%) |
| **Subcategories of Psychiatric Disorder b and c :**Somatic Major DepressionOther DepressionPanic Disorder Other Anxiety Bulimia Binge EatingAlcohol Other Disorder Not Listed No Disorder | 15 (6%)5 (2%)21 (8%)16 (6%)19 (7%)1 (0%)5 (2%)13 (5%)8 (3%)133 (76.4%) |
|  **War Veteran** | 7 (3%) |
| **History of Physical or Sexual Assault/Abuse** | 38 (14%) |
| **History of Major Accident /Disaster** | 54 (20%) |
| **History of Self or Close Family Member ICU Admit**  | 119 (45%) |
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| Characteristics of the Child/Patient |
| *Total Children Enrolled*  | ***n=188*** |
| **Median Age in Years** | 3.03 (IQR 0.36-9.04) a |
| **Primary Reason for Child’s Admission:**Respiratory Neurologic Cardiac Trauma/Burn Primary Infection Hematologic/Oncologic RenalEndocrineGastroenterological  | 137 (52%)49 (18%)29 (11%)19 (7%)15 (6%)6 (2%)4 (2%)3 (1%)3 (1%) |
| **History of Prematurity** | 67 (25%) |
| **History of Chronic Medical Illness** | 135 (51%) |
| **Median Prism 3 Score (IQR)** | 3 (IQR-0-7) |
| **Cardiovascular Support During PICU Stay** | 68 (26%) |
| **ECMO Support During PICU Admission**  | 4 (2%) |
| **Intubation During PICU Admission**  | 92 (35%) |
| **Median Length of Stay in the PICU**  | 7 (IQR 4-12) a |
| **Median Length of Stay in the Hospital**  | 12 (IQR 7-20) a |
| **History of Prior NICU or PICU Admission:**  | 152 (57%)  |
| **Functional Change during Index Admission:** Decline in Functional Status ScaleDecline in PCPC Scale Decline in POPC Scale  | 79 (30%)41 (15%)50 (19%) |
| Numbers and percentages less than total are due to missing data or rounding a Median value with IQR.b Percentages of those with psychiatric disorder out of 265.c Total does not add to 100% as participants can have multiple concurrent disorders.  |

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| **Supplemental Table 2: Significant differences between parents who completed an assessment vs those who withdrew or could not be reached at either T2 or T3**  |
| **Parent Characteristics** | **Responders (N=210)** | **Non-responders (N=48)** | **p value** |
| Parent Age (n=254) a | 36 (32-43) b | 34 (29-39) b | p=0.002 |
| Depression (PHQ c on Admission) (n=258) | 19 (9%) | 0 (0%) | p=0.030 |
| Graduated College (n=258) | 113 (53.8%) | 16 (33.3%) | p=0.01 |
| Alcohol Abuse (n=258) | 7 (3.3%) | 6 (12.5%) | p=0.009 |
| a n=number of responses equals 265 minus the 7 parents withdrawn due to child death and/or missing data.b Median (IQR). c Patient Health Questionnaire  |

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| Supplemental Table 3: Parent characteristics associated with parental PTSD Qualification and PTS Symptoms T2 |
| Variable | **PTSD Qualification** | **PTS Symptoms** |
| n=195/265 (73.5%) a | Odds Ratio  | 95% Confidence Interval | p value | Odds Ratio  | 95% Confidence Interval | p value |
| Age  | 1.04 | 0.99-1.10 | 0.080 | 1.02 | 0.99-1.06 | 0.241 |
| Female Gender  | 0.64 | 0.29-1.43 | 0.279 | 1.14 | 0.63-2.07 | 0.664 |
| Graduated College  | 0.96 | 0.41-2.25 | 0.924 | 0.99 | 0.54-1.83 | 0.982 |
| Child Hospitalized at Penn State Hospital | 1.75 | 0.79-3.87 | 0.166 | 1.11 | 0.62-1.98 | 0.722 |
| War Veteran  | 0.00 | 0.00-1 | 0.980 | 0.00 | 0.00-1 | 0.980 |
| History of Physical or Sexual Abuse  | 1.18 | 0.41-3.37 | 0.764 | 4.81 | 2.02-11.5 | <0.001 |
| History of Major Accident or Disaster  | 1.81 | 0.76-4.35 | 0.182 | 2.18 | 1.09-4.37 | 0.027 |
| History of Self or Family Member Admission to the ICU | 1.53 | 0.69-3.39 | 0.291 | 2.02 | 1.13-3.61 | 0.018 |
| PHQ-9 Results: |  |  |  |  |  |  |
|  Evidence of Disorder | 2.27 | 0.98-5.25 | 0.055 | 3.57 | 1.78-7.15 | <0.001 |
|  Somatic | 2.79 | 0.80-9.75 | 0.108 | 3.36 | 1.00-11.3 | 0.051 |
|  Major Depression | 6.07 | 0.82-45.0 | 0.077 | 4.25 | 0.43-41.6 | 0.214 |
|  Other Depression | 2.67 | 0.87-8.26 | 0.088 | 3.70 | 1.25-11.0 | 0.018 |
|  Panic Disorder | 1.16 | 0.24-5.57 | 0.857 | 2.95 | 0.86-10.1 | 0.087 |
|  Other Anxiety | 4.55 | 1.48-14.0 | 0.008 | 4.22 | 1.29-13.8 | 0.017 |
|  Bulimia | 0.00 | 0.00-1 | 0.991 | 0.00 | 0.00-1 | 0.991 |
|  Binge Eating | 1.94 | 0.19-19.3 | 0.572 | 4.25 | 0.43-41.6 | 0.241 |
|  Alcohol Abuse | 1.15 | 0.13-10.2 | 0.900 | 1.39 | 0.27-7.08 | 0.690 |
| Parent with Prior Chronic Medical Diagnosis  | 1.51 | 0.67-3.37 | 0.317 | 3.34 | 1.82-6.10 | <0.001 |
| Parental Knowledge of Child’s Illness during Admission (Scale 1-5) | 1.45 | 1.04-2.02 | 0.028 | 0.97 | 0.81-1.16 | 0.719 |
| Parent and physician discussed Possibility of Child Death during Admission  | 1.01 | 0.38-2.66 | 0.992 | 1.48 | 0.74-2.98 | 0.268 |
| Parent Score Regarding: |  |  |  |  |  |  |
|  Concerns about Child’s Death (Scale 1-7)  | 1.33 | 1.09-1.63 | 0.005 | 1.34 | 1.16-1.54 | <0.001 |
|  Concerns about Child’s  Permanent Injury  (Scale 1-7) | 1.33 | 1.10-1.61 | 0.004 | 1.28 | 1.12-1.46 | <0.001 |
|  Concerns about Child’s  Post PICU Sequelae (Scale 1-7) | 2.10 | 0.95-4.67 | 0.067 | 2.52 | 1.38-4.58 | 0.002 |
|  Concerns about Child’s  Susceptibility to Death Post Discharge  (Scale 1-7)  | 1.30 | 1.09-1.56 | 0.004 | 1.22 | 1.07-1.39 | 0.003 |
| Parent screened positive for Acute Stress Disorder at Discharge | 6.61 | 2.74-15.9 | <0.001 | 5.88 | 2.57-13.5 | <0.001 |
| Parent with new Medical Diagnosis at T2 | 1.90 | 0.84-4.29 | 0.123 | 1.66 | 0.89-3.10 | 0.110 |
| Parent with new Mental Health Diagnosis at T2 | 2.04 | 0.85-4.92 | 0.112 | 2.70 | 1.31-5.57 | 0.007 |
| Parent Main Daily Activity T2: Working Full Time Working Part Time Other b | 0.621.62Ref | 0.28-1.380.60-1.38 | 0.2410.343 | 0.711.35 | 0.40-1.260.61-2.97 | 0.2450.463 |
| Family Income Percentage difference from Zip code Median (Decrease from T1-T2) c | 0.76 | 0.29-1.94 | 0.561 | 1.13 | 0.54-2.34 | 0.748 |
| Income as a multiple of FPL (Decrease from T1-T2) | 1.18 | 0.32-4.39 | 0.807 | 1.29 | 0.47-3.50 | 0.620 |
| Relationship Status: Separation/divorce since discharge  | 0.99 | 0.32-3.12 | 0.993 | 1.88 | 0.83-4.28 | 0.130 |
| a n=total participants, % of parent responses at T2. Some categories with less data due to incomplete forms.b Unemployment, Full time at home, student and other used as reference for daily activity.c The median and mean family income per zip code was collected from the US census five-year data averages and the parent  household income percent difference from the zip code median was calculated to help normalize income by zip code. |

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| Supplemental Table 4: Patient/Child characteristics associated with parental PTSD Qualification and PTS Symptoms at T2 |
| Variable | **PTSD Qualification** | **PTS Symptoms** |
| n=195/265 (73.5%) a | Odds Ratio  | 95% Confidence Interval | p value | Odds Ratio  | 95% Confidence Interval | p value |
| Age (years) | 1.07 | 1.00-1.14 | 0.056 | 1.05 | 0.99-1.10 | 0.082 |
| History of Chronic Disease  | 1.60 | 0.70-3.66 | 0.261 | 1.86 | 1.04-3.34 | 0.037 |
| Prior ICU Admission  | 1.56 | 0.65-3.75 | 0.315 | 1.25 | 0.69-2.27 | 0.462 |
| PICU Length of Stay  | 1.01 | 0.98-1.04 | 0.508 | 1.00 | 0.98-1.01 | 0.677 |
| PICU Readmission During Index Hospitalization | 0.51 | 0.11-2.31 | 0.383 | 0.87 | 0.36-2.12 | 0.763 |
| Total Length of Hospitalization | 1.00 | 0.99-1.01 | 0.992 | 1.00 | 0.99-1.01 | 0.564 |
| PRISM Score b | 1.05 | 0.99-1.11 | 0.135 | 1.06 | 1.00-1.12 | 0.051 |
| Required ECMO c | 1.94 | 0.19-19.3 | 0.572 | 1.39 | 0.19-10.1 | 0.746 |
| Required Intubation | 1.49 | 0.67-3.31 | 0.331 | 1.66 | 0.93-2.94 | 0.085 |
| POPC d Score at Admission | 2.04 | 0.85-4.92 | 0.112 | 1.08 | 0.53-2.20 | 0.827 |
| POPC Score at Discharge | 2.67 | 1.19-5.98 | 0.017 | 1.50 | 0.81-2.80 | 0.200 |
| PCPC e Score at Admission | 2.22 | 0.91-5.38 | 0.078 | 1.22 | 0.59-2.50 | 0.594 |
| PCPC Score at Discharge | 1.51 | 0.65-3.49 | 0.340 | 1.20 | 0.63-2.26 | 0.577 |
| Functional Status Scale at Admission | 1.06 | 0.97-1.17 | 0.180 | 1.02 | 0.95-1.10 | 0.617 |
| Functional Status Scale at Discharge | 1.08 | 0.99-1.17 | 0.072 | 1.03 | 0.96-1.09 | 0.439 |
| Change in FSS greater than 2 f | 2.67 | 1.12-6.37 | 0.027 | 1.44 | 0.70-2.95 | 0.324 |
| New Chronic Diagnosis at Discharge | 3.43 | 0.62-18.9 | 0.157 | 2.90 | 1.33-6.30 | 0.007 |
| Permanent Disfigurement  | 1.60 | 0.49-5.21 | 0.436 | 1.59 | 0.62-4.11 | 0.339 |
| New Technology Dependence:Tracheostomy Ventilator G-tube PICC Dialysis Other  | 1.181.632.500.716.070.000.00 | 0.44-3.160.42-6.220.73-8.570.08-5.860.82-45.00.00-10.00-1 | 0.7380.4780.1460.7470.0770.9870.978 | 1.480.752.661.774.251.380.27 | 0.72-3.070.24-2.330.86-8.270.46-6.800.43-41.60.09-22.40.03-2.33 | 0.2860.6190.0900.4060.2140.8200.232 |
| Hospital Readmission:General Inpatient StayPICU | 2.860.783.01 | 1.11-7.400.30-2.041.16-7.77 | 0.0300.6190.023 | 2.132.142.29 | 1.17-3.901.00-4.581.26-4.18 | 0.0140.0490.007 |
| New Medical Diagnosis Post Discharge | 2.15 | 0.86-5.38 | 0.103 | 0.83 | 0.16-4.25 | 0.826 |
| a n=total participants, % of parent responses at T2. Some categories with less data due to incomplete forms.b Pediatric Risk Mortality Scorec Extracorporeal Membrane Oxygenationd Pediatric Overall Performance Categorye Pediatric Cerebral Performance Categoryf Score increase greater than 2 represents significant change in function per the developers of the Functional Status Score. |

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| Supplemental Table 5: Parent characteristics associated with parental PTSD Qualification and PTS Symptoms T3 |
| Variable | **PTSD Qualification** | **PTS Symptoms** |
| n=175/265 (66%) a | Odds Ratio  | 95% Confidence Interval | p value | Odds Ratio  | 95% Confidence Interval | p value |
| Age  | 1.00 | 0.95-1.06 | 0.893 | 1.04 | 1.00-1.08 | 0.084 |
| Female Gender  | 0.79 | 0.32-1.96 | 0.608 | 1.62 | 0.83-3.19 | 0.160 |
| Graduated College  | 0.69 | 0.25-1.86 | 0.461 | 1.52 | 0.79-2.92 | 0.205 |
| Child Hospitalized at Penn State Hospital  | 2.37 | 0.95-5.88 | 0.064 | 1.24 | 0.66-2.35 | 0.502 |
| War Veteran  | 0.00 | 0.00-1 | 0.986 | 0.00 | 0.00-1 | 0.986 |
| History of Physical or Sexual Abuse | 1.85 | 0.62-5.54 | 0.273 | 3.94 | 1.66-9.38 | 0.002 |
| History of Major Accident or Disaster | 2.34 | 0.90-6.09 | 0.081 | 2.42 | 1.16-5.06 | 0.018 |
| History of Self or Family Member Admitted to the ICU | 2.92 | 1.09-7.87 | 0.034 | 2.07 | 1.09-3.93 | 0.026 |
| PHQ-9 b Results: |  |  |  |  |  |  |
|  Evidence of Disorder | 1.62 | 0.61-4.29 | 0.332 | 1.17 | 0.56-2.42 | 0.679 |
|  Somatic | 2.86 | 0.70-11.7 | 0.144 | 2.51 | 0.73-8.60 | 0.142 |
|  Major Depression | 2.38 | 0.24-24.0 | 0.461 | 2.00 | 0.27-14.6 | 0.494 |
|  Other Depression | 0.92 | 0.20-4.33 | 0.916 | 1.08 | 0.38-3.08 | 0.885 |
|  Panic Disorder | 3.29 | 0.78-13.8 | 0.103 | 2.06 | 0.57-7.40 | 0.270 |
|  Other Anxiety | 1.18 | 0.24-5.64 | 0.840 | 1.53 | 0.50-4.63 | 0.453 |
|  Bulimia | n/a | n/a | n/a | n/a | n/a | n/a |
|  Binge Eating | 2.38 | 0.24-24.0 | 0.461 | 0.65 | 0.07-6.38 | 0.711 |
|  Alcohol Abuse | 1.77 | 0.19-16.6 | 0.616 | 0.48 | 0.05-4.42 | 0.519 |
| Parent with Prior Chronic Medical Diagnosis | 1.43 | 0.57-3.58 | 0.440 | 2.25 | 1.18-4.29 | 0.014 |
| Parental Knowledge of Child’s Illness in PICU (Scale 1-5) | 0.98 | 0.68-1.42 | 0.918 | 0.89 | 0.69-1.15 | 0.387 |
| Parent and Physician discussed Possibility of Child Death during Admission  | 1.80 | 0.64-5.04 | 0.262 | 1.66 | 0.76-3.63 | 0.205 |
| Parent Score Regarding: |  |  |  |  |  |  |
|  Concerns about Child’s Death (Scale  1-7)  | 1.42 | 1.09-1.83 | 0.008 | 1.35 | 1.15-1.59 | <0.001 |
|  Concerns about  Child’s Permanent  Injury (Scale 1-7) | 1.43 | 1.14-1.80 | 0.002 | 1.42 | 1.22-1.64 | <0.001 |
|  Concerns about  Child’s Post PICU  Sequelae (Scale 1-7) | 1.57 | 0.64-3.88 | 0.326 | 2.33 | 1.22-4.46 | 0.011 |
|  Concerns about  Child’s Susceptibility  to Death Post Discharge (Scale 1-7) | 1.45 | 1.19-1.77 | 0.000 | 1.42 | 1.22-1.64 | <0.001 |
| Parent screened positive for Acute Stress Disorder at Discharge | 4.92 | 1.78-13.6 | 0.002 | 7.32 | 3.49-15.4 | <0.001 |
| Parent with new Medical Diagnosis at T3 | 2.40 | 0.97-5.93 | 0.058 | 2.09 | 1.09-3.99 | 0.025 |
| Parent with new Mental Health Diagnosis at T3 | 2.34 | 0.90-6.09 | 0.081 | 2.79 | 1.34-5.83 | 0.006 |
| Parent Main Daily Activity T3: Working full time Working part time Other c | 0.740.71Ref | 0.30-1.810.15-3.26 | 0.5070.655 | 0.960.98 | 0.51-1.810.37-2.58 | 0.9030.969 |
| Family Income Percentage difference from Zip code Median (Decrease from T1-T3) d | 1.62 | 0.52-5.10 | 0.405 | 1.28 | 0.61-2.70 | 0.514 |
| Family Income Percentage difference from Zip code Median (Decrease from T2-T3) d  | 5.78 | 1.92-17.5 | 0.002 | 2.44 | 0.92-6.45 | 0.073 |
| Income as a multiple of FPL (Decrease from T1-T3)  | 0.51 | 0.06-4.16 | 0.532 | 1.11 | 0.35-3.51 | 0.857 |
| Income as a multiple of FPL (Decrease from T2-T3)  | 2.23 | 0.56-8.82 | 0.254 | 2.49 | 0.80-7.79 | 0.116 |
| Relationship Status:Separation/divorce since discharge  | 4.89 | 1.78-13.5 | 0.002 | 2.70 | 1.12-6.47 | 0.026 |
| a n=total participants, % of parent responses at T2. Some categories with less data due to incomplete forms.b Patient Health Questionnaire -9c Unemployment, Full time at home, student and other used as reference for daily activity.d The median and mean family income per zip code was collected from the US census five-year data averages and the parent  household income percent difference from the zip code median was calculated to help normalize income by zip code. |

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| Supplemental Table 6: Patient/Child characteristics associated with parental PTSD Qualification and PTS Symptoms at T3 |
| Variable | **PTSD Qualification** | **PTS Symptoms** |
| n=175/265 (66%) a | Odds Ratio  | 95% Confidence Interval | p value | Odds Ratio  | 95% Confidence Interval | p value |
| Age (years) | 1.00 | 0.93-1.09 | 0.929 | 1.06 | 1.00-1.12 | 0.046 |
| History of Chronic Disease  | 0.84 | 0.34-2.06 | 0.709 | 1.27 | 0.67-2.39 | 0.459 |
| Prior ICU Admission | 0.93 | 0.38-2.31 | 0.879 | 1.03 | 0.54-1.95 | 0.932 |
| PICU Length of Stay  | 1.04 | 1.01-1.08 | 0.016 | 1.01 | 0.98-1.04 | 0.508 |
| PICU Readmission During Index Hospitalization  | 1.26 | 0.34-4.72 | 0.728 | 1.07 | 0.40-2.83 | 0.897 |
| Total Length of Hospitalization  | 1.01 | 0.99-1.02 | 0.280 | 1.00 | 0.99-1.01 | 0.984 |
| PRISM Score b  | 1.06 | 0.99-1.14 | 0.080 | 1.06 | 1.00-1.12 | 0.055 |
| Required ECMO c | 15.2 | 1.32-175 | 0.029 | 4.04 | 0.36-45.4 | 0.259 |
| Required Intubation  | 3.73 | 1.31-10.6 | 0.014 | 2.00 | 1.05-3.80 | 0.034 |
| POPC d Score at Admission | 1.51 | 0.51-4.46 | 0.460 | 1.39 | 0.62-3.12 | 0.425 |
| POPC Score at Discharge | 2.17 | 0.86-5.48 | 0.101 | 2.28 | 1.14-4.56 | 0.020 |
| PCPC e Score at Admission | 1.58 | 0.53-4.69 | 0.409 | 1.77 | 0.79-3.97 | 0.169 |
| PCPC Score at Discharge | 1.22 | 0.44-3.35 | 0.701 | 1.92 | 0.94-3.91 | 0.072 |
| Functional Status Scale at Admission | 1.03 | 0.92-1.15 | 0.625 | 1.01 | 0.93-1.10 | 0.866 |
| Functional Status Scale at Discharge | 1.08 | 0.99-1.19 | 0.097 | 1.03 | 0.96-1.11 | 0.425 |
| Change in FSS greater than 2 f | 2.47 | 0.91-6.70 | 0.076 | 1.78 | 0.81-3.91 | 0.155 |
| New Chronic Diagnosis at Discharge | 0.62 | 0.06-6.05 | 0.683 | 1.06 | 0.19-5.93 | 0.951 |
| Permanent Disfigurement  | 0.74 | 0.16-3.43 | 0.699 | 0.81 | 0.29-2.23 | 0.681 |
| New Technology Dependence TracheostomyVentilator G-tubePICC DialysisOther | 1.752.266.132.452.380.000.00 | 0.63-4.880.57-8.941.75-21.50.46-13.00.24-24.00.00-10.00-1 | 0.2850.2460.0050.2920.4610.9880.982 | 1.591.353.023.590.720.000.54 | 0.73-3.450.42-4.350.91-10.00.82-15.70.07-7.100.00-10.06-4.96 | 0.2420.6180.0710.0890.7770.9890.585 |
| Hospital Readmission:General Inpatient Stay PICU | 1.981.232.70 | 0.69-5.670.43-3.510.85-8.54 | 0.2010.7000.091 | 2.221.993.25 | 1.10-4.500.91-4.341.54-6.84 | 0.0270.0850.002 |
| New Medical Diagnosis Post Discharge | 0.81 | 0.26-2.55 | 0.716 | 1.26 | 0.59-2.67 | 0.551 |
| a n=total participants, % of parent responses at T2. Some categories with less data due to incomplete forms.b Pediatric Risk Mortality Scorec Extracorporeal Membrane Oxygenationd Pediatric Overall Performance Categorye Pediatric Cerebral Performance Categoryf Score increase greater than 2 represents significant change in function per the developers of the Functional Status Score. |

| **Supplemental Table 7: Multivariable logistic regression showing risk factors for the development of greater than minimal PTSS at T2** |
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| n=182 a | Odds Ratio | 95% Confidence Interval | p Value |
| History of Abuse | 5.87 | 2.13-16.20 | 0.002 |
| Parental Concerns of Child Death during Admission (Scale 1-7) | 1.25 | 1.04-1.51 | 0.020 |
| Parental Concerns of Child’s Permanent Injury during Admission (Scale 1-7)  | 1.19 | 1.00-1.42 | 0.050 |
| Parent ASD b Diagnosis at Discharge | 4.65 | 1.77-12.20 | 0.002 |
| Evidence of Psychiatric Disorder on Admission (PHQ)c  | 4.50 | 1.82-11.1 | 0.001 |
| Child with New Medical Condition d at T2  | 4.64 | 1.75-12.30 | 0.002 |
| a n=total participants. Some categories with less data due to incomplete forms.b ASD- Acute Stress Disorder c PHQ- Patient Health Questionnaired Parent reporting child with medical diagnosis that was not present at index discharge  |

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| **Supplemental Table 8: Multivariable logistic regression showing risk factors for the development of greater than minimal PTSS at T3** |
| n=151a | Odds Ratio | 95% Confidence Interval | p Value |
| Parent ASD b Diagnosis at Discharge | 10.6 | 3.56-31.3 | 0.000 |
| Child’s PICU Readmission | 4.34 | 1.55-12.2 | 0.005 |
| Child Age (Years) | 1.12 | 1.04-1.21 | 0.004 |
| Parental Concerns of Child’s Susceptible to Death Post Discharge (Scale 1-7) | 1.51 | 1.25-1.83 | 0.000 |
| a n=total participants. Some categories with less data due to incomplete forms.b ASD- Acute Stress Disorder |