**Supplemental Table 1. Overall and Age-Stratified Outcomes**

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| --- | --- | --- | --- | --- |
| Outcomes | Combined(n=203) | Neonate(n=126) | Infant(n=77) | P-value |
| Postoperative MV, hrs | 50.5 (12, 116) | 92 (50, 184) | 10 (7, 22) | <0.01 |
| HLOS, days | 22 (10, 40) | 28.0 (18, 46) | 8 (6, 17) | <0.01 |
| \*Prolonged MV, n (%) | 48 (24.2) | 30 (24.8) | 18 (23.4) | 0.82 |
| #Prolonged HLOS, n (%) | 50 (24.6) | 31 (24.6) | 19 (24.7) | 0.99 |
| Mortality, n (%) | 12 (5.9) | 11 (8.7) | 1 (1.3) | 0.03 |
| Infection, n (%) | 21 (10.4) | 18 (14.4) | 3 (3.9) | 0.02 |
| Peak serum creatinine 0-72 hrs, mg/dl | 0.7 + 0.3 | 0.8 + 0.3 | 0.4 + 0.2 | <0.01 |
| Net fluid balance 0-24 hrs, ml/kg | 41.3 + 322.6 | 58.3 + 407.6 | 13.5 + 45.0 | 0.22 |
| Lowest total protein, g/dl | 5.1 + 1.0 | 4.5 + 0.8 | 6.0 + 0.7 | <0.01 |
| Duration chest tube drainage, hrs | 68 (43, 135) | 96.0 (62, 192) | 43 (37, 65) | <0.01 |
| Chylothorax, n (%)  | 28 (13.8) | 23 (18.3) | 5 (6.5) | 0.02 |
| Catecholamines at 24 hrs, n (%) | 101 (49.8) | 97 (77.0) | 4 (5.2) | <0.01 |
| Postoperative steroids, n (%) | 39 (19.2) | 27 (21.4) | 12 (15.6) | 0.31 |

Data presented as median with interquartile range or mean with standard deviation

\*Defined as: neonate >184 hours, infant >22 hours, combined >116 hours

#Defined as: neonate >46 days, infant >17 days, combined >40 days

MV, mechanical ventilation; HLOS, hospital length of stay