|  |  |  |  |
| --- | --- | --- | --- |
| Variable | NIRS Cohort  (n = 17) | non-NIRS Cohort  (n = 16) | P value |
| Weight at discharge (kg)a | 3.5 (3.3 – 3.7) | 4.3 (3.6 – 4.7) | 0.03 |
| Mean difference from discharge to admit weight (gms)a | 650.0 (240.0 – 770.0) | 750.0 (455.0 – 1240.0) | 0.32 |
| Discharge WAZ  Mild malnutrition (mean WAZ ≥ -2)  Moderate malnutrition (mean WAZ -2.01 to -3)  Severe malnutrition (mean WAZ < -3) | 11 (64.7)  5 (29.4)  1 (5.9) | 14 (87.5)  2 (12.5)  0 (0.0) | 0.22  0.39  0.99 |
| Mean difference from admit to discharge WAZa | -0.6 (-1.1 – -0.2) | -1.0 (-1.2 – -0.8) | 0.10 |
| Total volume EN at discharge (cc/kg/day)a | 145.0 (134.0 – 150.0) | 143.0 (127.0 – 155.0) | 0.82 |
| Total EN kcals at discharge (kcal/kg/day)a | 125.0 (119.0 – 137.0) | 123.0 (112.0 – 143.0) | 0.97 |
| Incidence of postoperative NEC, n (%) | 0 (0.0) | 4 (25.0) | 0.04 |
| Vocal cord injury, n (%) | 1 (0.0) | 0 (0.0) | 0.99 |
| Duration of ventilation, (days)a | 11.0 (6.0 – 12.0) | 6.5 (5.0 – 12.5) | 0.35 |
| CICU length of stay (days)a | 36.0 (34.0 – 41.0) | 48.5 (37.5 – 62.0) | 0.03 |
| Hospital length of stay (days)a | 40.0 (34.0 – 43.0) | 44.0 (33.5 – 59.0) | 0.10 |
| Discharge Mortality, n (%) | 0 (0.0) | 1 (6.3) | 0.48 |
| Current Mortality, n (%) | 0 (0.0) | 2 (12.5) | 0.1 |

CICU, cardiac intensive care unit; EN, enteral nutrition; NEC, necrotizing enterocolitis; WAZ, weight-for-age Z score

aMedian, interquartile range (25th, 75th).