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| **Supplemental Table 1** Nutritional Characteristics |
| Characteristics | All infants with congenital heart disease and proven necrotizing enterocolitis(n=82) | Composite primary outcome of in-hospital mortality and post-necrotizing enterocolitis morbidity \* (n=30) | No primary outcome(n=52) | P value |
| **Prior to diagnosis of necrotizing enterocolitis**  |  |  |
|  Feeding type |  |  |  | 0.25 |
|  Exclusive human milk | 38 (46%) | 16 (53%) | 22 (42%) |  |
|  Formula | 8 (10%) | 2 (7%) | 6 (12%) |  |
|  Both | 19 (23%) | 4 (13%) | 15 (29%) |  |
|  Not reported  | 17 (21%) | 8 (27%)  | 9 (17%) |  |
|  Achieved Full feeds |  |  |  | 0.37 |
|  Yes | 59 (72%) | 19 (63%) | 40 (77%) |  |
|  No | 15 (18%) | 7 (23%) | 8 (15%) |  |
|  Not reported | 8 (10%) | 4 (13%) | 4 (8%) |  |
|  Total parenteral nutrition |  |  |  | 0.16 |
|  Yes | 42 (51%) | 18 (60%) | 24 (46%) |  |
|  No | 34 (41%) | 9 (30%) | 25 (49%) |  |
|  Not reported | 6 (7%) | 3 (10%) | 3 (5%) |  |
|  Maximum Calories > 28 kcal/oz | 24 (29%) | 7 (23%) | 17 (33%) | 0.45 |
| **After diagnosis of necrotizing enterocolitis s** |  |  |  |
|  Time to start feeds (days) | 10 (3, 42) | 12 (9,23) | 10 (8, 14) | 0.070 |
|  Time to full feeds (days) | 21 (6, 150)  | 30 (18,54) | 20 (15, 26) | 0.021 |
|  Feeding type |  |  |  | 0.75 |
|  Exclusive human milk | 28 (34%)  | 9 (30%) | 19 (36%) |  |
|  Formula | 28 (34%) | 9 (30%) | 19 (36%) |  |
|  Both | 15 (18%) | 3 (10%) | 12 (23%) |  |
|  Not reported | 11 (13%) | 9 (30%) | 2 (4%) |  |
|  Achieved Full feeds |  |  |  | <0.001 |
|  Yes | 68 (83%) | 18 (64%) | 50 (98%) |  |
|  No | 11 (13%) | 10 (36%) | 1 (2%) |  |
|  Not reported | 3 (4%) |  |  |  |
|  Maximum Calories ≥ 28 kcal/oz | 16 (20%) | 6 (30%) | 10 (20%) | 0.37 |
| Surgical tube placement | 39 (48%) | 14 (47%) | 25 (48%) | 1.0 |

Values are number (percent)

\* The composite primary outcome was defined as in-hospital mortality and post-necrotizing enterocolitis morbidity (need for extracorporeal membrane oxygenation, multisystem organ failure based on the pediatric sequential organ failure assessment score, and/or need for acute gastrointestinal intervention)