

Zinter et al. Cumulative Fluid Balance is Associated with Mortality in Pediatric ARDS in the Setting of Acute Kidney Injury.

Table E1) Association between Nutrition Type, Clinical Characteristics, and Outcomes

	No Nutrition	Parenteral Nutrition	Enteral Nutrition	No vs. Enteral	Parenteral vs. Enteral
ARDS Day 1	156 (61%)	45 (17%)	57 (22%)		
Day 1 P/F ratio	137.6 (83.8-218.3)	111.8 (83.8-173.9)	166.7 (115.6-280)	p=0.025	p=0.006
Day 1 CFB	+29.1 (+6.1 to +59.3)	+22.9 (-4.7 to +54.7)	+24.9 (+5.6 to +54.1)	p=0.586	p=0.465
Day 1 AKI	43 (27.6%)	13 (28.9%)	9 (16.8)	p=0.077	p=0.110
PICU Mortality	9 (20%)	18 (11.5%)	7 (12.3%)	p=0.287	p=0.882
ARDS Day 2	104 (40%)	63 (24%)	92 (36%)		
Day 2 P/F ratio	172.8 (95.5-242.5)	175.7 (100.9-264)	167.5 (115-268)	p=0.952	p=0.452
Day 2 CFB	+49.7 (+9.4 to +95.3)	+48.8 (-10.8 to +111.7)	+40.2 (+9.5 to +106.1)	p=0.712	p=0.916
Day 2 AKI	31 (29.8%)	27 (42.9%)	14 (15.4%)	p=0.017	p<0.001
PICU Mortality	12 (11.5%)	12 (19%)	10 (10.9%)	p=0.882	p=0.152
ARDS Day 3	75 (29%)	67 (26%)	117 (45%)		
Day 3 P/F ratio	197.5 (118.5-285)	181.5 (103.3-270)	167 (124-235.6)	p=0.872	p=0.540
Day 3 CFB	+58.5 (+17.0 to +115.4)	+39.8 (-0.5 to +143.8)	+47.1 (+10.9 to +102.4)	p=0.264	p=0.883
Day 3 AKI	24 (32%)	25 (37.3%)	19 (16.2%)	p=0.011	p=0.001
PICU Mortality	12 (16%)	9 (13.4%)	13 (11.1%)	p=0.326	p=0.650

Legend: P/F ratios and CFB (Cumulative Fluid Balance) are described using medians and interquartile ranges. Nutrition type was associated with P/F ratio on ARDS day 1 but not on ARDS days 2 or 3, and was associated with AKI on ARDS days 2 and 3. Nutrition type on any of ARDS days 1, 2, or 3 was not associated with CFB or mortality.