

Table 1. Cohort and episode characteristics by radiographic necrotizing enterocolitis discovery timing relative to first dose of antibiotics.

	1 st quartile (< -2 hr), n = 67	2 nd quartile (>-2 to <0 hr) n = 67	3 rd quartile (0 to <12 hr), n = 69	4 th quartile (≥12 hr), n = 68	p-value
Cohort					
Gestational age at birth (weeks), median (IQR)	27 (25, 29)	26 (25, 29)	27 (26, 30)	26 (25, 29)	0.4441
Birth weight (grams), median (IQR)	735 (630,1045)	860 (645,1090)	805 (670,1085)	831 (656,994)	0.4388
Male, n (%)	35 (52)	37 (55)	36 (52)	41 (60)	0.7529
Length of stay for survivors to discharge (days), median (IQR)	102 (69,133)	103 (79,208)	72 (49,119)	111 (84,160)	0.0030
Survived to discharge, n (%)	59 (88)	50 (75)	43 (62)	57 (84)	0.0017
Episode					
Age at episode start (days), median (IQR)	22 (11,39)	22 (11,32)	22 (10,34)	21 (11,30)	0.8271
nSOFA max, median (IQR)	2 (0, 6)	4 (0, 11)	2 (0, 9)	3 (0, 8)	0.2726
Vasoactive-inotropic treatment, n (%)	18 (27)	30 (45)	25 (36)	26 (38)	0.1909
VIS max (among treated), median (IQR)	8 (5,27)	11 (5,40)	12 (8,24)	16 (5,26)	0.5347
First radiographic finding, n (%)					
<i>Pneumatoxis</i>	52 (78)	43 (64)	40 (58)	50 (74)	0.0585
<i>Pneumoperitoneum (PP)</i>	2 (3)	5 (7)	3 (4)	6 (9)	0.4463
<i>Portal venous gas (PVG)</i>	3 (4)	2 (3)	3 (4)	0 (0)	0.3791
<i>Pneumatoxis + PVG</i>	2 (3)	12 (18)	18 (26)	5 (7)	0.0003
<i>Pneumatoxis + PP</i>	5 (7)	3 (4)	1 (1)	6 (9)	0.2378
<i>Portal venous gas + PP</i>	1 (1)	0 (0)	0 (0)	0 (0)	0.3831
<i>Pneumatoxis + PVG + PP</i>	2 (3)	2 (3)	4 (6)	1 (1)	0.5540
Surgical intervention, n (%)	15 (22)	30 (45)	28 (41)	27 (40)	0.0371
Bacteremia/fungemia, n (%)	9 (13)	19 (28)	13 (19)	16 (24)	0.1755
Death with episode, n (%)	6 (9)	11 (16)	21 (30)	8 (12)	0.0041
Days of antibiotic treatment (episode survivors), median (IQR)	9 (7,11)	10 (7,14)	10 (7,12)	10 (8,16)	0.5088
Hours from first dose antibiotics to first radiographic finding, median (IQR)	-4 (-7,-3)	-1 (-2,-1)	3 (1,5)	37 (18,60)	<0.0001