

Table 2 Illness severity and outcomes of infants with CRE compared with non CRE bacteremia.

Characteristics	CRE (n=27)	Non-CRE (n=178)	Crude OR (95%CI)	<i>P</i> value	Adjusted OR* (95%CI)	<i>P</i> value
Illness severity						
Invasive mechanical ventilation because of bacteremia ¹ , n (%)	5 (18.5)	51 (28.7)	0.57 (0.20-1.58)	0.28	0.43 (0.15-1.25)	0.12
Inotropes because of bacteremia ² , n (%)	5 (18.5)	24 (13.5)	1.46 (0.50-4.22)	0.55	1.28 (0.42-3.95)	0.67
Blood transfusion because of bacteremia ³ , n (%)	4 (14.8)	28 (15.7)	0.93 (0.30-2.90)	0.90	0.85 (0.26-2.78)	0.79
Duration of hospitalization after bacteremia, d	34 (13-71)	35 (19-50)		0.48		
Total duration of hospitalization, d	71 (33-98)	58 (41-78)		0.40		
Outcomes						
Bacteremia related case-fatality rate, n (%)	6 (22.2)	18 (10.1)	2.54 (0.91-7.11)	0.08	2.25 (0.76-6.66)	0.15
Overall case-fatality rate during hospitalization, n (%)	8 (29.6)	24 (13.5)	2.70 (1.07-6.86)	0.04	2.14 (0.79-5.66)	0.14
Concurrent meningitis, n (%)	4 (14.8)	6 (3.8)	5.00 (1.30-19.0)	0.02	4.46 (1.08-18.4)	0.04
Concurrent NEC or NEC after bacteremia, n (%)	1 (3.7)	3 (1.7)	2.24 (0.23-22.4)	0.49	1.71 (0.16-18.8)	0.66
Bronchopulmonary dysplasia, n (%)	14/20 (70.0)	79/142 (55.63)	1.86 (0.68-5.12)	0.23	1.58 (0.55-4.57)	0.39
Retinopathy of prematurity ≥ stage 3, n (%)	6/23 (26.1)	28/156 (18.0)	1.61 (0.58-4.46)	0.28	1.72 (0.59-5.00)	0.32
Periventricular leukomalacia, n (%)	3/27 (11.1)	14/177 (7.9)	1.46 (0.39-5.44)	0.58	1.06 (0.26-4.36)	0.94

¹**Invasive mechanical ventilation because of bacteremia** was defined as invasive mechanical ventilation started within 3 days after the time of bacteremia onset.

²**Inotropes because of bacteremia** was defined as inotropes started within 3 days after the time of sepsis onset.

³**Blood transfusion because of bacteremia** was defined as inotropes started within 3 days after the time of sepsis onset.

*Adjusted for gestational age, birthweight