

Supplementary Materials

Appendix 1. Comparison of Clinical Data Among the Preterm Infants of Each Group

Group	Number of cases	Gestational age	Birth weight	Gender	Delivery mode
	(n)	($x \pm s$, w)	($x \pm s$, g)	[boy, n(%)]	[natural labor, n(%)]
HCA+ and AS+ group	93	32.10 \pm 1.53	1922 \pm 353	69 (74.2)	48 (51.6)
HCA-and AS-group	45	32.96 \pm 0.89	2096 \pm 225	30 (66.7)	9 (20.0)
HCA-and AS+ group	81	32.93 \pm 1.28	2000 \pm 273	60 (74.0)	30 (37.0)
χ^2/F-value		2.419	1.718	0.411	5.930
P-value		0.070	0.168	0.938	0.115

Appendix 2. Comparison of Infection Index Levels Among the Preterm Infants of Each Group

Group (n)	Number of cases (n)	WBC [P50 (P25, P75), ×10 ⁹ /L]	CRP [P50 (P25, P75), mg/dL]	PCT [P50 (P25, P75), ng/mL]
HCA+ and AS+ group	93	11.69(9.90,16.06)	0.09(0.02,0.16)	2.18(2.12,2.24)
HCA+ and AS-group	120	11.50(8.30,12.96)	0.11(0.01,0.20)	2.20(2.16,2.20) ^a
HCA-and AS-group	45	11.04(7.20,14.78)	0.07(0.04,0.14)	2.15(2.09,2.17)
HCA-and AS+ group	81	11.86(9.04,13.37)	0.06(0.03,0.09)	2.17(2.11,2.21)
Z value		4.378	2.705	15.498
P-value		0.192	0.439	0.001

Note: a means P<0.05 compared to the HCA-and AS-group.

Appendix 3. The Value of Early Procalcitonin Levels in the Prediction of Early Brain Injury in Preterm Infants with Placental Inflammation

Indicator	Area under curve	SE	Asymptotic significance	Asymptotically approaching 95% confidence interval	
				Lower limit	Upper limit
PCT	0.731	0.060	0.000	0.614	0.847