

Table 1: Clinical characteristics of the pCMV group and the control group (missing values for covariates were imputed).

Variables	pCMV group(n=146)	Control group(n=17499)	ASD
Maternal age, year, M (SD)	31.7(4.8)	31.7(4.8)	0.01
Maternal diabetes ^a , n (%)	26(17.8)	3994(22.8)	0.12
Maternal hypertension ^b , n (%)	22(14.6)	4678(26.6)	0.29
PROM >24 h, n (%)	27(18.5)	2697(15.4)	0.08
Antenatal steroids ^c , n (%)	119(81.5)	14923(85.3)	0.10
Cesarean delivery ^d , n (%)	67(45.9)	12164(69.5)	0.49
GA, weeks, M (SD)	27.8(2.3)	29.6(2.0)	0.86
<24 ⁺⁰ , n (%)	4(2.7)	33(0.2)	
24 ⁺⁰ -25 ⁺⁶ , n (%)	11(7.5)	427(2.4)	
26 ⁺⁰ -27 ⁺⁶ , n (%)	62(42.5)	2058(11.8)	
28 ⁺⁰ -29 ⁺⁶ , n (%)	38(26)	5129(29.3)	
30 ⁺⁰ -31 ⁺⁶ , n (%)	25 (17.1)	7678(43.9)	
≥32 ⁺⁰ , n (%)	6(4.1)	2174(12.4)	
Birth weight, g, M (SD)	1067(264)	1296(299)	0.81
<1000, n (%)	68(46.6)	2815(16.1)	/
1000-1499, n (%)	67(45.9)	10727(61.3)	/
≥1500, n (%)	11(7.5)	3957(22.6)	/
Small for GA, n (%)	15(10.3)	3059(17.5)	0.21
Male, n (%) ^e	89(60.5)	9600(54.9)	0.12
Multiple births, n (%)	47(32.2)	5391(30.8)	0.03
TRIPS score, M (IQR) ^f	15(6, 28)	8(5, 19)	0.46
PS≥2 times within 21 days after birth, n (%)	17(11.6)	993(5.7)	0.21
Caffeine within 3 days after birth, n (%)	104(71.2)	12169(69.5)	0.04
Respiratory support on DOL 21			
No respiratory support, n (%)	21(14.4)	6711(38.4)	
Non-invasive respiratory support, n (%)	96(65.8)	9612(54.9)	0.64
Mechanical ventilation support, n (%)	29(19.9)	1176(6.7)	
Need for inotropes on DOL15-21, n (%)	17(11.6)	900(5.1)	0.24
Red blood cell transfusion within 21 days after birth, n (%)	84(57.5)	4924(28.1)	0.62
Postnatal age of initiation of enteral nutrition, M	1(1, 1)	1(1, 2)	0.10

(IQR)			
Breast milk exposure within 21 days after birth (excluding donor breast milk), n (%)	107(73.3)	10021(57.3)	0.34
NEC \geq stage II within 21 days after birth, n (%)	6(4.1)	495(2.8)	0.07
EOS, n (%)	3(2.1)	185(1.1)	0.08
LOS within 21 days after birth, n (%)	6(4.1)	820(4.7)	0.03
IVH \geq stage III, n (%) ^g	13(8.9)	715(4.1)	0.20
PDA requiring treatment, n (%)	43(29.5)	2481(14.2)	0.38

Abbreviations: pCMV, postnatal cytomegalovirus; absolute standardised differences (ASD); PROM, premature rupture of membranes; GA, gestational age; TRIPS, Transport Risk Index of Physiologic Stability; PS, pulmonary surfactant; DOL, day of life; NEC, necrotizing enterocolitis; EOS, early-onset sepsis; LOS, late-onset sepsis; IVH, intraventricular hemorrhage; PDA, patent ductus arteriosus; M, mean; IQR, interquartile range; SD, standard deviation; TRIPS scores range from 0 to 54. Higher values represent greater illness severity.

^a Data on maternal diabetes were missing in 157 infants (0.9%).

^b Data on maternal hypertension were missing in 162 infants (0.9%).

^c Data on antenatal steroids were missing in 828 infants (4.5%).

^d Data on cesarean delivery were missing in 10 infants (0.1%).

^e Data on male were missing in 140 infants (0.8%).

^f Data on TRIPS score were missing in 352 infants (2.0%).

^g Data on IVH \geq stage III were missing in 548 infants (3.1%).