

Table 1: Demographic, Perinatal and Neonatal Characteristics

Characteristic	No PPROM n=340	PPROM n=226	p-value
Mean maternal age, year, (SD)	30 (6)	31 (5)	0.092
Maternal education any post secondary, n/N (%)	193/274 (70)	136/182 (75)	0.317
Smoking during pregnancy, n/N (%)	64/337 (19)	35/224 (16)	0.306
Maternal antihypertensives, n/N (%)	47/335 (14)	13/225 (6)	0.002
Maternal antibiotics, n/N (%)	173/333 (52)	188/225 (84)	<0.001
Antenatal steroids, n/N (%)	291/336 (87)	211 (93)	0.011
C-Section, n(%)	176 (52)	118 (52)	0.917
Chorioamnionitis, n/N (%)	70/330 (21)	91/212 (43)	<0.001
Median gestational age, weeks, (IQR)	25 (2)	25 (2)	0.403
Mean birth weight, g, (SD)	740 (159)	758 (141)	0.175
Inborn, n(%)	278 (82)	206 (91)	0.002
Male, n(%)	180 (53)	125 (55)	0.580
Multiple birth, n (%)	92 (27)	67 (30)	0.502
5 minute APGAR <7, n/N (%)	156/338 (46)	98/224 (44)	0.575
SGA <10 th percentile, n (%)	36 (11)	11 (5)	0.016
Median duration of hospital stay, days, (IQR)	108 (34)	104 (35)	0.275
BPD (Respiratory support at 36 weeks GA), n/N (%)	220/328 (67)	152/218 (70)	0.515
Respiratory distress syndrome. n (%)	328 (96)	218 (96)	0.995
Nitric oxide, n(%)	52 (15)	34 (15)	0.935
Pulmonary hypoplasia, ‡ n (%)	2 (<1)	5 (2)	0.122
Postnatal steroids, n (%)	101 (30)	71 (31)	0.665
Caffeine, n (%)	302 (89)	204 (90)	0.585
Spontaneous pneumothorax, n (%)	20/339 (6)	16 (7)	0.574
Persistent pulmonary hypertension, n (%)	30 (9)	27 (12)	0.227
NEC stage 2 and greater, n (%)	54 (16)	38 (17)	0.769
Confirmed sepsis, n/N (%)	98/339 (29)	54 (24)	0.188
IVH grade III or IV, n (%)	74 (22)	41 (18)	0.294
Severe neurological injury (IVH grade III or IV or PVL), n(%)	80 (24)	47 (21)	0.445
ROP stage III or higher or treated ROP†, n/N(%)	102/251 (41)	63/178 (35)	0.271
PDA requiring treatment, n/N(%)	219/339 (65)	131 (58)	0.111

‡ Includes dexamethasone, hydrocortisone, or inhaled steroids; † Diagnosed in NICU or up to 8 months adjusted age, includes “plus disease”. n/N (Total), For any that do not have the denominator explicitly noted, the denominator is the total (N=340 in No PPROM, and 226 in PPROM)