

**Table 2: Demographic and biomarker comparisons between infants with low and high PDA shunt burden.**

	Low shunt burden (n=23)	High shunt burden (n=27)	P value
Gestational age	24.9 ± 1.4	24.6 ± 1.3	0.427
Birth weight	650 ± 125	683 ± 182	0.462
Male	7 (30.4)	10 (37)	0.623
Chorioamnionitis	5 (21.7)	6 (22.2)	0.967
IUGR	6 (26.1)	4 (14.8)	0.480
Apgar score at 5 minutes	7 [5, 8]	7 [6, 8]	0.826
PDA medical therapy	16 (69.6)	27 (100)	0.002
PDA definitive closure	0 (0)	20 (74)	<0.001
Days intubated	34 [27, 44]	41 [34, 52]	0.112
Length of stay	120 [95, 139]	116 [103, 193]	0.251
Urine first 48h hours			
Urine NGAL (ng/mL)	252 [79, 448]	236 [27, 487]	0.489
Day 7-14 blood/urine collection			
Troponin (ng/mL)	3.7 ± 1.4	3.6 ± 1.3	0.854
BNP (pg/mL)	198 [122, 516]	615 [274, 1725]	0.004
Renin (pg/mL)	2113 ± 1341	2150 ± 1074	0.915
Aldosterone (pg/mL)	140 [70, 811]	153 [59, 295]	0.530
Urine NGAL (ng/mL)	232 ± 251	199 ± 175	0.602
Day 21-28 blood/urine collection			
Troponin (ng/mL)	4.8 ± 1	4.1 ± 1.9	0.240
BNP (pg/mL)	176 [95, 214]	371 [170, 1353]	<0.001
Renin (pg/mL)	1873 [1440, 3582]	3110 [1790, 4655]	0.066
Aldosterone (pg/mL)	143 [33, 241]	150 [85, 421]	0.335
Urine NGAL (ng/mL)	201 [147, 342]	161 [75, 443]	0.392
Day 35-42 blood/urine collection			
Troponin (ng/mL)	6.2 ± 1.5	5.5 ± 1.5	0.277
BNP (pg/mL)	135 ± 56	304 ± 527	0.118
Renin (pg/mL)	1397 [1058, 1804]	1803 [1475, 2761]	0.018
Aldosterone (pg/mL)	89 [68, 137]	127 [45, 377]	0.313
Urine NGAL (ng/mL)	155 [62, 200]	96 [43, 410]	0.915
Term/near term blood/urine collection			
Postnatal age	101 ± 19	103 ± 14	0.759
Postmenstrual age	40.2 [38.2, 40.5]	39.5 [38.5, 40.5]	0.615
Troponin (ng/mL)	5.9 ± 1.3	5.9 ± 2	0.767
BNP (pg/mL)	139 [89, 242]	109 [87, 228]	0.869
Renin (pg/mL)	666 [472, 986]	570 [386, 1111]	0.555
Aldosterone (pg/mL)	91 [20, 134]	50 [11, 128]	0.403
Urine NGAL (ng/mL)	38 [12, 156]	46 [20, 92]	0.685