Supplemental Table 1. Baseline Characteristics and Post-ligation outcomes of Each Extremely Low Birth Weight Infant Undergoing PDA Ligation (n = 43).

|  | **GA** | **BW (grams)** | **Age at SL (days)** | **Weight at SL (grams)** | **Medical closure attempts** | **Medical agents used (attempts per agent)** | **PDA EDV (cm/s) \*\*\*** | **Total MV days** | **Post-SL MV days** | **Pulmonary vasodilator at DC** | **Supplemental oxygen at DC** | **Age at DC** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Infant 1** | 24 weeks, 0 days | 440 | 17 | 690 | 2 | Tylenol (2) | 35.0 | 67 | 50 | No | Yes | 18 weeks, 0 days |
| **Infant 2** | 25 weeks, 1 day | 790 | 19 | 800 | 4 | Neoprofen (3) Tylenol (1) | 27.0 | 23 | 5 | No | No | 12 weeks, 6 days |
| **Infant 3** | 27 weeks, 3 days | 820 | 21 | 1340 | 3 | Neoprofen (2) Tylenol (1) | 19.0 | 42 | 21 | No | Yes | 16 weeks, 3 days |
| **Infant 4** | 27 weeks, 0 days | 570 | 22 | 770 | 3 | Neoprofen (2) Tylenol (1) | 24.0 | 45 | 23 | No | Yes | 14 weeks, 1 day |
| **Infant 5** | 25 weeks, 5 days | 470 | 26 | 690 | 3 | Neoprofen (2) Tylenol (1) | 21.0 | 75 | 49 | No | Yes | 18 weeks, 4 days |
| **Infant 6** | 24 weeks, 5 days | 770 | 26 | 890 | 1 | Tylenol (1) | 36.0 | 29 | 3 | No | Yes | 14 weeks, 2 days |
| **Infant 7** | 24 weeks, 2 days | 720 | 29 | 980 | 2 | Neoprofen (2) | 34.0 | 39 | 10 | No | Yes | 16 weeks, 3 days |
| **Infant 8** | 25 weeks, 1 day | 680 | 30 | 960 | 1 | Neoprofen (1) | 48.0 | 24 | 7 | No | Yes | 14 weeks, 5 days |
| **Infant 9** | 25 weeks, 6 days | 870 | 30 | 1360 | 3 | Neoprofen (2) Tylenol (1) | 46.0 | 51 | 21 | No | No | 21 weeks, 3 days |
| **Infant 10** | 24 weeks, 5 days | 520 | 31 | 670 | 3 | Neoprofen (2) Tylenol (1) | 50.0 | 33 | 2 | No | Yes | 17 weeks, 0 days |
| **Infant 11** | 26 weeks, 2 days | 880 | 32 | 1300 | 3 | Neoprofen (2) Tylenol (1) | 30.0 | 35 | 6 | No | No | 25 weeks, 0 days |
| **Infant 12** | 22 weeks, 6 days | 610 | 33 | 900 | 3 | Neoprofen (2) Tylenol (1) | 28.0 | 147 | 114 | Yes | Yes | 30 weeks, 1 day |
| **Infant 13** | 23 weeks, 0 days | 780 | 33 | 1120 | 2 | Neoprofen (1) Tylenol (1) | 28.0 | 210 | 146 | No | Yes | 33 weeks, 3 days |
| **Infant 14** | 24 weeks, 4 days | 850 | 33 | 1275 | 2 | Neoprofen (2) | 49.0 | 80 | 57 | No | Yes | 34 weeks, 4 days |
| **Infant 15** | 25 weeks, 4 days | 860 | 33 | 1332 | 2 | Neoprofen (1) Tylenol (1) | 30.0 | 66 | 36 | No | Yes | 22 weeks, 6 days |
| **Infant 16** | 23 weeks, 0 days | 530 | 34 | 890 | 3 | Neoprofen (1) Tylenol (2) | 19.0 | 71 | 37 | No | Yes | 19 weeks, 5 days |
| **Infant 17** | 25 weeks, 2 days | 800 | 34 | 1080 | 1 | Tylenol (1) | 31.0 | 10 | 8 | No | Yes | 17 weeks, 0 days |
| **Infant 18** | 24 weeks, 5 days | 550 | 35 | 820 | 3 | Neoprofen (2) Tylenol (1) | 27.0 | 41 | 7 | No | Yes | 14 weeks, 1 day |
| **Infant 19** | 26 weeks, 0 days | 620 | 35 | 1342 | 5 | Neoprofen (3) Indocin (1)Tylenol (1) | 31.0 | 51 | 16 | \*\* | \*\* | \*\* |
| **Infant 20** | 25 weeks, 2 days | 800 | 35 | 1330 | 4 | Neoprofen (2) Tylenol (2) | 41.0 | 57 | 32 | No | Yes | 20 weeks, 1 day |
| **Infant 21** | 24 weeks, 1 day | 460 | 37 | 1012 | 3 | Neoprofen (2) Tylenol (1) | 19.0 | 68 | 31 | No | Yes | 18 weeks, 2 days |
| **Infant 22** | 27 weeks, 6 days | 820 | 37 | 1250 | 2 | Neoprofen (1) Tylenol (1) | 32.0 | 240 | 203 | No | Yes | 34 weeks, 2 days |
| **Infant 23** | 25 weeks, 6 days | 600 | 38 | 1295 | 5 | Neoprofen (3) Tylenol (2) | 25.0 | 249 | 211 | No | Yes | 35 weeks, 5 days |
| **Infant 24** | 26 weeks, 1 day | 570 | 42 | 1110 | 2 | Neoprofen (1) Tylenol (1) | 50.0 | 61 | 22 | Yes | Yes | 24 weeks, 0 days |
| **Infant 25** | 24 weeks, 0 days | 710 | 44 | 1469 | 2 | Tylenol (2) | 38.0 | 56 | 17 | No | Yes | 20 weeks, 3 days |
| **Infant 26** | 23 weeks, 0 days | 570 | 45 | 1180 | 2 | Neoprofen (1) Tylenol (1) | 22.0 | 54 | 9 | No | Yes | 18 weeks, 1 day |
| **Infant 27** | 26 weeks, 2 days | 900 | 45 | 1575 | 4 | Neoprofen (3) Tylenol (1) | 37.0 | 64 | 19 | No | Yes | 19 weeks, 5 days |
| **Infant 28** | 23 weeks, 0 days | 465 | 46 | 850 | 2 | Tylenol (2) | 33.0 | 50 | 4 | No | Yes | 17 weeks, 0 days |
| **Infant 29** | 24 weeks, 3 days | 680 | 52 | 1940 | 2 | Tylenol (2) | 52.0 | 85 | 36 | No | Yes | 18 weeks, 5 days |
| **Infant 30** | 26 weeks, 0 days | 910 | 52 | 1660 | \* | \* | 15.0 | 267 | 215 | \*\* | \*\* | \*\* |
| **Infant 31** | 26 weeks, 0 days | 910 | 52 | 2610 | 1 | Tylenol (1) | 54.0 | 97 | 45 | No | No | 25 weeks, 6 days |
| **Infant 32** | 25 weeks, 2 days | 860 | 53 | 1840 | 2 | Neoprofen (2) | 39.0 | 98 | 45 | No | Yes | 26 weeks, 4 days |
| **Infant 33** | 23 weeks, 2 days | 420 | 54 | 900 | 3 | Neoprofen (1) Tylenol (2) | 21.0 | 81 | 25 | No | Yes | 16 weeks, 2 days |
| **Infant 34** | 25 weeks, 0 days | 900 | 54 | 2000 | 2 | Tylenol (2) | 24.0 | 57 | 3 | No | No | 22 weeks, 1 day |
| **Infant 35** | 25 weeks, 3 days | 920 | 55 | 1840 | 2 | Tylenol (2) | 32.0 | 12 | 6 | No | No | 17 weeks, 0 days |
| **Infant 36** | 23 weeks, 3 days | 550 | 58 | 1030 | 2 | Tylenol (2) | 14.0 | 416 | 358 | \*\* | \*\* | \*\* |
| **Infant 37** | 25 weeks, 0 days | 660 | 61 | 1220 | 6 | Neoprofen (3) Tylenol (3) | 39.0 | 149 | 88 | No | Yes | 40 weeks, 1 day |
| **Infant 38** | 25 weeks, 0 days | 890 | 62 | 2280 | 3 | Neoprofen (2) Indocin (1) | 21.0 | 71 | 6 | No | No | 23 weeks, 5 days |
| **Infant 39** | 26 weeks, 1 day | 990 | 63 | 2340 | 3 | Neoprofen (1) Tylenol (2) | 30.0 | 112 | 43 | No | Yes | 41 weeks, 3 days |
| **Infant 40** | 26 weeks, 4 days | 760 | 66 | 2064 | \* | \* | 37.0 | 82 | 17 | No | Yes | 24 weeks, 1 day |
| **Infant 41** | 23 weeks, 0 days | 580 | 71 | 1690 | 1 | Tylenol (1) | 25.0 | 18 | 10 | No | Yes | 15 weeks, 3 days |
| **Infant 42** | 26 weeks, 3 days | 980 | 81 | 3090 | 4 | Neoprofen (1) Indocin (1)Tylenol (2) | 41.0 | 57 | 2 | No | No | 18 weeks, 5 days |
| **Infant 43** | 23 weeks, 6 days | 700 | 154 | 4450 | 3 | Neoprofen (1) Tylenol (2) | 41.0 | 61 | 55 | Yes | Yes | 36 weeks, 5 days |

GA, gestational age; BW, birth weight; SL, surgical ligation; EDV, end-diastolic velocity; MV, mechanical ventilation; DC, discharge

\* Transferred from outside hospital. No medical closure attempts documented.

\*\* Patient died prior to discharge.

\*\*\*Data obtained from the last echocardiogram performed preceding surgery.