**Supplementary ~~Material~~ Table 1.** Characteristics of patients undergoing surgery for ASD or VSD for stratified groups.

|  |  |  |
| --- | --- | --- |
|  | ***MAP<40 mmHg******n=33*** | ***MAP>40 mmHg******n=25*** |
| **Demographics** |  |  |
| Age at surgery, years | 2.6 ± 2.0 | 3.2 ± 2.4 |
| Age at IQ testing, years | 24.2 ± 3.7 | 24.8 ± 4.0 |
| Male sex, n (%) | 11 (33) | 8 (32) |
| BMI, kg/m2 | 24 ± 5 | 25 ± 4 |
| Height, cm | 171 ± 12 | 170 ± 11 |
| **Defect characteristics**  |  |  |
| VSD, n (%) | 19 (58) | 12 (48) |
| Perimembranous, n (%) | 10 (53) | 7 (58) |
| Muscular, n (%) | 9 (47) | 5 (42) |
| ASD, n (%) | 14 (42) |  13 (52) |
| Primum, n (%) | 2 (14) | 0 (0) |
| Secundum, n (%) | 12 (86) | 13 (100) |
| Defect size, mm | 12 ± 7 | 11 ± 9 |
| Pulmonary-to-systemic blood flow (Qp/Qs) | 3.0 ± 1.2 | 2.4 ± 0.6 |
| Previous pulmonary artery banding, n (%) | 2 (11) | 1 (8) |
| Preoperative catherization, n (%) | 9 (27) | 5 (20) |
| **Perioperative information** |  |  |
| Weight, kg | 11.4 ± 4.9 | 12.5 ± 5.8 |
| Height, cm | 88.4 ± 18.4 | 92.6 ± 22.8 |
| BMI, kg/m2 | 14.0 ± 1.7 | 13.9 ± 1.4 |
| Total bypass time, min. | 50 ± 18 | 57 ± 25 |
| Cross clamp time, min. | 22 ± 13 | 26 ± 15 |
| VSD closure, n (%) |  |  |
| Patch, n (%) | 11 (58) | 9 (75) |
| Direct suture, n (%) | 8 (42) | 3 (25) |
| ASD closure, n (%) |  |  |
| Patch, n (%) | 9 (64) | 7 (54) |
| Direct closure, n (%) | 5 (36) | 6 (46) |
| Hospital stay > 14 days, n (%) | 2 (6) | 1 (4) |
| Hospital stay, days (range) | 8 (5-27) | 9 (2-17) |
| ICU stay > 1 day, n (%) | 6 (18) | 9 (36) |
| ICU stay, days (range) | 1 (1-2) | 1 (1-5) |

Data reported as mean ± standard deviation, absolute numbers and percentages of patients or median with total range.

ASD, Atrial septal defect; ICU, Intensive Care Unit; IQ, Intelligence Quotient; MAP, Mean Arterial Pressure; VSD, Ventricular septal defect.