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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Supplemental table S2. Flow measurements results from individual patients** | | | | | | | | | | | | | | |
| Patient no. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| Fontan (F)/Glenn (G) | F | F | F | F | F | F | F | F | F | F | F | G | G | G |
| Age at MR scan (yrs) | 31.55 | 23.36 | 22.6 | 25.24 | 21.83 | 29.39 | 27.26 | 33.99 | 27.1 | 22.04 | 18.03 | 18.42 | 36.61 | 30.77 |
| BSA (m²) | 1.87 | 1.85 | 1.44 | 2.2 | 1.73 | 1.79 | 1.88 | 1.62 | 1.59 | 1.76 | 1.45 | 1.66 | 2.18 | 1.79 |
| Ascending aortic flow (l/min/m²) | 2.35 | 2.46 | 2 | 1.66 | 2.63 | 3.15 | 3.29 | 2.81 | 3.37 | 2.77 | 2.04 | 2.85 | 2.17 | 2.5 |
| IVC+SVC (l/min/m²) | 1.59 | 1.57 | 1.47 | 1.76 | 2.18 | 2.27 | 2.64 | 2.57 | 2.02 | 1.87 | 1.8 | 2.15 | 1.97 | 1.82 |
| LPA+RPA (l/min/m²) | 1.63 | 1.71 | 1.45 | 0.78 | 2.36 | 2.19 | 2.49 | 1.99 | 2.02 | 2.15 | 1.71 | 2.46 | 1.56 | 1.04 |
| LPV+RPV (l/min/m²) | 1.69 | 2.22 | 1.67 | 1.06 | 2.46 | 2.73 | 2.98 | 2.38 | 2.46 | 2.18 | 2.36 | 2.3 | 1.83 | 1.17 |
| Qpa / Qs (ratio) | 0.69 | 0.7 | 0.66 | 0.47 | 0.9 | 0.69 | 0.76 | 0.71 | 0.6 | 0.77 | 0.84 | 0.86 | 0.72 | 0.41 |
| Qpv / Qs (ratio) | 0.72 | 0.9 | 0.75 | 0.64 | 0.94 | 0.87 | 0.9 | 0.85 | 0.73 | 0.79 | 1.16 | 0.81 | 0.84 | 0.47 |
| IVC (l/min/m²) | 1.12 | 0.94 | 0.85 | 1.49 | 1.48 | 1.44 | 1.73 | 1.65 | 1.47 | 1.41 | 0.98 | 1.32 | 1.78 | 1.04 |
| SVC (l/min/m²) | 0.47 | 0.63 | 0.62 | 0.28 | 0.61 | 0.83 | 0.91 | 0.92 | 0.55 | 0.46 | 0.82 | 0.83 | 0.18 | 0.78 |
| LPA (l/min/m²) | 0.93 | 0.33 | 0.52 | 0.45 | 0.68 | 0.85 | 1.05 | 1.07 | 1.04 | 0.98 | 0.83 | 1.18 | 0.64 | 0.11 |
| RPA (l/min/m²) | 0.7 | 1.38 | 0.93 | 0.33 | 1.68 | 1.34 | 1.44 | 0.92 | 0.98 | 1.16 | 0.89 | 1.28 | 0.91 | 0.92 |
| LPV (l/min/m²) | 0.95 | 0.86 | 0.65 | 0.63 | 0.87 | 1.03 | 1.29 | 1.11 | 1.14 | 1.05 | 1.28 | 1.12 | 0.61 | 0.54 |
| RPV (l/min/m²) | 0.73 | 1.36 | 1.01 | 0.44 | 1.59 | 1.7 | 1.69 | 1.27 | 1.32 | 1.13 | 1.08 | 1.18 | 1.22 | 0.63 |
| SPCFPE (l/min/m²) | 0.06 | 0.51 | 0.22 | 0.28 | 0.1 | 0.54 | 0.49 | 0.39 | 0.44 | 0.03 | 0.65 | -0.16 | 0.28 | 0.13 |
| SPCFSE (l/min/m²) | 0.76 | 0.89 | 0.53 | -0.1 | 0.45 | 0.88 | 0.65 | 0.24 | 1.35 | 0.9 | 0.24 | 0.71 | 0.21 | 0.68 |
| SPCFPE / PV (%) | 3.55 | 22.97 | 13.17 | 26.42 | 4.07 | 19.78 | 16.44 | 16.39 | 17.89 | 1.38 | 27.54 | -6.82 | 15.04 | 11.48 |
| SPCFPE / AoA (%) | 2.55 | 20.73 | 11 | 16.87 | 3.8 | 17.14 | 14.89 | 13.88 | 13.06 | 1.08 | 31.86 | -5.5 | 12.68 | 5.38 |
| SPCFSE / PV (%) | 44.97 | 40.09 | 31.74 | -9.43 | 18.29 | 32.23 | 21.81 | 10.08 | 54.88 | 41.28 | 10.17 | 30.71 | 11.28 | 57.89 |
| SPCFSE / AoA (%) | 32.34 | 36.18 | 26.5 | -6.02 | 17.11 | 27.94 | 19.76 | 8.54 | 40.06 | 32.49 | 11.76 | 24.74 | 9.51 | 27.13 |
| AoA; aortic ascending, BSA; body surface area, IVC; inferior vena cava, LPA; left pulmonary artery, LPV; left pulmonary vein, MR; magnetic resonance, PCPC; partial cavopulmonary connection, PV: pulmonary venous, Qpa; pulmonary arterial flow, Qpv; pulmonary venous flow, Qs; aortic flow, RPA; right pulmonary artery, RPV; right pulmonary vein, SVC; superior vena cava, SPCF; systemic-to-pulmonary collateral flow, PE; pulmonary estimator (=PV-PA), SE; systemic estimator (=AoA-[SVC+IVC]). | | | | | | | | | | | | | | |