**Supplementary Table 1**: Comparison of baseline, clinical and echocardiographic variables between the patient sub-groups who had significant rise in PASP during LRTI as compared to those without significant rise in PASP.

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| --- | --- | --- | --- |
|  | ***Patients who had significant rise in PASP during LRTI (n=9)******[Median (IQR)]*** | ***Patients who did not have a significant rise in PASP during LRTI (n=36)******[Median (IQR)]*** | ***page40image5026432.png******P value*** |
| Age (mo) | 3 (2-12.5) | 5 (3-6.3) | page41image5797744.png0.748 |
| Weight (Kg) | 4 (3-5.2) | page41image5797744.png4 (3.1-5) | 0.856 |
| Number of days between both evaluations | 18 (15-28) | 17 (15-22) | 0.856 |
| page41image5797744.pngHR (bpm)  | 150 (142-158) | 148 (140-160) | 1 |
| RR (bpm) | 66 (59-68) | 63 (56-66) | 0.320 |
| page41image5797744.pngTemperature (F) | 99.8 (98.5-100) | 100 (99-100) | 0.280 |
| page41image5797744.pngΔTemperature (F) | 1 (0.45-1.9) | 2 (1-2) | 0.752 |
| SPO2 (%) | 98 (84-100) | page41image5797744.png98.5 (98-99) | page41image5797744.png0.511 |
| pH | 7.38 (7.34-7.40) | 7.39 (7.38-7.41) | 0.248 |
| PCO2 (mm Hg) | 39.5 (36.5-46.2) | 37 (34-42.5) | 0.276 |
| PO2 (mm Hg) | 39.3 (31.7-42.7) | 44 (39.5-48) | 0.058 |
| Hb (gm %) | 11 (9.9-11.8) | 10.7 (10-11) | 0.645 |
| LVIDd (mm) | 29 (21.7-33.5) | 28 (25-30) | 0.922 |
| LVIDs (mm) | 17 (12.8-23.9) | 17 (14-19) | 0.727 |
| LA (mm) | 21 (14-24) | 18 (15-21) | 0.442 |
| Aorta (mm) | 11 (9.2-13) | 10.5 (9.1-12) | 0.665 |
| LVEF (%) | 62 (53-72) | 71 (65-75) | 0.110 |
| PAAT (msec) | 63 (59-77) | 63.5 (55-74)  | 0.670 |
| PAATc  | 3.2 (3.1-3.6) | 3.2 (2.9-3.7) | 0.527 |

[PASP: pulmonary artery systolic pressure; LRTI: lower respiratory tract infection; IQR: interquartile range (25th, 75th centile); HR: Heart rate; RR: respiratory rate; SPO2: oxygen saturation by pulse oximetry; PCO2: partial pressure of carbon dioxide; PO2: partial pressure of oxygen; Hb: hemoglobin; LVIDd: left ventricle internal dimension diastolic; LVIDs: left ventricle internal dimension systolic; LA: left atrium; LVEF: left ventricle ejection fraction; PAAT: pulmonary artery acceleration time; PAATc: corrected pulmonary artery acceleration time]