**Supplemental Figure: myocarditis in the PRECOVID and COVID period:** in the upper panels cardiac magnetic resonance images of a case of myocarditis during PRECOVID period. In the lower panels a case of myocarditis of the COVID period is shown.

**Supplemental Table 1:** Characteristics in patients with COVID-19 positive and negative swab during COVID period.

|  |  |  |  |
| --- | --- | --- | --- |
|  | Positive Swab  (n = 9) | Negative Swab  (n = 109) | P value |
| Age, yrs | 62 (32 – 71) | 52 (33 – 62) | 0.50 |
| Males, n (%) | 5 (56) | 71 (65) | 0.56 |
| Weight, kg | 81 ± 16 | 75 ± 17 | 0.28 |
| Height, cm | 169 ± 10 | 170 ± 11 | 0.73 |
| Acute Myocarditis | 8 (89) | 54 (50) | **0.03** |
| Acute Pericarditis | 1 (11) | 55 (50) | **0.03** |
| LVEDVi, ml/m2 | 56 (35 – 72) | 73 (62 – 84) | **0.011** |
| LVESVi, ml/m2 | 22 (13 – 24) | 25 (20 – 32) | **0.04** |
| LVEF, % | 66 ± 7 | 64 ± 11 | 0.47 |
| LV mass index, g/ m2 | 58 (55 – 68) | 69 (58 – 77) | 0.07 |
| WM abnormalities, n (%) | 0 | 16 (15) | 0.22 |
| RVEDVi, ml/m2 | 58 (43 – 76) | 75 (61 – 85) | **0.007** |
| RVESVi, ml/m2 | 20 (17 – 29) | 29 (23 – 37) | **0.02** |
| RVEF, % | 62 ± 6 | 60 ± 8 | 0.59 |
| No. of segments with edema | 0 (0 – 1) | 0 (0 – 3) | 0.27 |
| Positive Pericardial Edema, n (%) | 0 | 46 (42) | **0.01** |
| Positive Myocardial LGE, n (%) | 6 (66) | 72 (66) | 0.97 |
| N. of segments with LGE | 1 (0 – 2) | 2 (0 – 4) | 0.38 |
| Positive Pericardial LGE, n (%) | 1 (11) | 40 (37) | 0.12 |

LGE = late gadolinium enhancement; LV = left ventricular; LVEDVi = left ventricular end-diastolic volume index; LVESVi = left ventricular end-systolic volume index; LVEF = left ventricular ejection fraction; RVEDVi = right ventricular end-diastolic volume index; RVESVi = right ventricular end-systolic volume index; RVEF = right ventricular ejection fraction; WMSI = wall motion score index.