Suppl. Table 2 Baseline characteristics of patients (echocardiography).

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|  | NEMS Group (n=18) | Control group (n=19) | P-level |
| Left Atrial Diameter (cm)  | 4.45 [4.1;5.0] | 4.5 [4.0;4.7] | 0.596 |
| Left Ventricle End-Diastolic Volume (ml)  | 220.0 [141.0;247.0] | 180.0 [130.0;247.0] | 0.817 |
| Left Ventricle End-Systolic Volume (ml)  | 97.0 [41.0;130.0] | 74.0 [58.0;113.0] | 0.764 |
| Interventricular Septal Thickness (mm) | 1.05 [1.0;1.4] | 1.2 [1.0;1.4] | 0.812 |
| Posterior wall thickness (mm) | 1.0 [1.0;1.3] | 1.2 [1.0;1.3] | 0.896 |
| Right ventricle mid-diameter (mm) | 2.0 [1.8;2.2] | 2.0 [1.8;2.5] | 0.335 |
| Aorta (cm)  | 3.5 [3.3;4.0] | 3.7 [3.5;4.3] | 0.635 |
| Left ventricular ejection fraction (%)  | 57.0 [36.0;66.0] | 61.0 [41.0;64.0] | 0.496 |
| Pulmonary artery systolic pressure (mmHg)  | 33.0 [28.0;40.0] | 29.5 [25.0;42.0] | 0.889 |
| Left ventricular myocardial mass (g) | 300.0 [246.0;369.0] | 290.5 [248.0;396.0] | 0.522 |
| Mitral regurgitation ≥ grade 3 (n,%) | 3 (16.7%) | 3 (15.8%) | 0.942 |
| Aortic valve regurgitation ≥ grade 3 (n,%) | 2 (11.1%) | 4 (21.15%) | 0.412 |
| Aortic stenosis (n,%) | 4 (22.2%) | 3 (15.8%) | 0.618 |
| Tricuspid regurgitation ≥ grade 3 (n,%) | 2 (11.1%) | 2 (10.5%) | 0.954 |
| Left ventricular aneurysm (n,%) | 0 (0%) | 4 (21.1%) | 0.039 |
| Ascending Aorta Dilatation (n,%) | 4 (22.2%) | 2 (10.5%) | 0.495 |

NEMS - neuromuscular electrical stimulation