

Supplementary Table 2. Baseline characteristics of the participants according to volume overload (weight change)

| Characteristic | Total | Volume overload (weight change, %) | | |
|--------------------------------|------------------|------------------------------------|------------------------|-----------------|
| | | Low (≤ -4) | Middle (-4 to 5) | High (>5) |
| No. of patients | 36 | 12 | 12 | 12 |
| Age (yr) | 64.6 \pm 14.6 | 62.6 \pm 19.1 | 63.9 \pm 14.8 | 66.3 \pm 9.4 |
| Male sex | 22 (61.1) | 4 (33.3) | 9 (75.0) | 9 (75.0) |
| BMI (kg/m ²) | 23.0 \pm 3.0 | 21.9 \pm 2.1 | 22.4 \pm 2.7 | 24.6 \pm 3.0 |
| Diabetes mellitus | 14 (38.9) | 7 (58.3) | 3 (25.0) | 4 (33.3) |
| Chronic kidney disease | 5 (13.9) | 1 (8.3) | 2 (16.7) | 3 (25.0) |
| Heart rate (beats/min) | 101.4 \pm 23.9 | 115.0 \pm 25.6 | 95.3 \pm 18.3 | 95.6 \pm 20.6 |
| LVEDD (mm) | 46.3 \pm 7.3 | 44.5 \pm 6.7 | 48.2 \pm 5.4 | 45.9 \pm 9.3 |
| LAVI (mL/m ²) | 32.8 \pm 17.3 | 24.7 \pm 8.6 | 30.9 \pm 7.7 | 42.2 \pm 24.6 |
| Creatinine (mg/dL) | 2.9 \pm 1.7 | 2.4 \pm 1.3 | 3.0 \pm 2.1 | 3.3 \pm 1.7 |
| Albumin (g/dL) | 2.7 \pm 0.9 | 2.7 \pm 0.4 | 2.8 \pm 0.5 | 2.6 \pm 0.7 |
| Total CO ₂ (mmol/L) | 19.2 \pm 5.9 | 16.7 \pm 7.6 | 22.3 \pm 4.8 | 18.1 \pm 4.1 |
| Lactate (mmol/L) | 6.0 \pm 6.4 | 8.7 \pm 7.3 | 3.8 \pm 4.4 | 5.8 \pm 7.1 |
| APACHE II | 24.1 \pm 6.5 | 23.7 \pm 6.4 | 22.5 \pm 4.5 | 26.2 \pm 8.3 |

Data are expressed as mean \pm standard deviation or number (%).

APACHE, Acute Physiology and Chronic Health Evaluation; BMI, body mass index; LAVI, left atrial volume index; LVEDD, left ventricular end-diastolic diameter.