Suppl. Table 1 Baseline characteristics of patients (laboratory tests).

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|  | NEMS Group (n=18) | Control group (n=19) | P-level |
| Glucose (mmol / L) | 5.9 [5.2;6.2] | 5.7 [5.5;6.4] | 0.404 |
| Urea (mmol / L) | 7.0 [5.4;9.8] | 7.0 [5.2;7.6] | 0.865 |
| Total bilirubin (μmol / L) | 14.6 [9.7;22.2] | 11.2 [10.0;20.6] | 0.857 |
| Direct bilirubin (μmol / L) | 5.9 [4.9;10.5] | 5.7 [4.7;8.3] | 0.713 |
| Potassium (mmol / L) | 4.6 [4.4;4.9] | 4.8 [4.4;5.1] | 0.881 |
| Sodium (mmol / L) | 141.0 [139.0;144.0] | 143.0 [139.0;146.0] | 0.282 |
| Aspartate Aminotransferase (U/L) | 25.0 [20.0;33.0] | 23.0 [18.0;29.0] | 0.224 |
| Alanine Aminotransferase (U/L) | 21.0 [18.0;39.0] | 21.0 [17.0;34.0] | 0.344 |
| Creatinine (μmol / L) | 94.5 [84.0;115.0] | 102.0 [83.0;117.0] | 0.618 |
| Cholesterol (mmol / L) | 4.3 [4.0;6.1] | 4.1 [3.6;5.5] | 0.281 |
| Triglycerides (mmol / L) | 1.37 [0.98;1.54] | 1,24 [0.98;1.69] | 0.972 |

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

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|  | NEMS Group (n=18) | Control group (n=19) | P-level |
| ЛП (см) | 4.45 [4.1;5.0] | 4.5 [4.0;4.7] | 0.596 |
| КДО (мл) | 220,0 [141,0;247,0] | 180,0 [130,0;247,0] | 0,817 |
| КСО (мл) | 97,0 [41,0;130,0] | 74,0 [58,0;113,0] | 0,764 |
| МЖП (см) | 1,05 [1,0;1,4] | 1,2 [1,0;1,4] | 0,812 |
| ЗСЛЖ (см) | 1,0 [1,0;1,3] | 1,2 [1,0;1,3] | 0,896 |
| ПЖ (см) | 2,0 [1,8;2,2] | 2,0 [1,8;2,5] | 0,335 |
| Ширина ВоАо (см) | 3,5 [3,3;4,0] | 3,7 [3,5;4,3] | 0,635 |
| ФВ (%) | 57,0 [36,0;66,0] | 61,0 [41,0;64,0] | 0,496 |
| ДЛА сист. (мм.рт.ст.) | 33,0 [28,0;40,0] | 29,5 [25,0;42,0] | 0,889 |
| Масса миокарда ЛЖ (грамм) | 300,0 [246,0;369,0] | 290,5 [248,0;396,0] | 0,522 |
| Регургургитация на МК ≥ 3 ст. (n,%) | 3 (16,67%) | 3 (15,79%) | 0,942 |
| Регургитация на АК ≥ 3 ст. (n,%) | 2 (11,11%) | 4 (21,05%) | 0,412 |
| Стеноз АК (n,%) | 4 (22,22%) | 3 (15,79%) | 0,618 |
| Регургитация на ТК ≥ 3 ст. (n,%) | 2 (11,11%) | 2 (10,53%) | 0,954 |
| Аневризма ЛЖ (n,%) | 0 (0,0%) | 4 (21,05%) | 0,039 |
| Расширение ВоАо (n,%) | 4 (22,22%) | 2 (10,53%) | 0,495 |