Supplementary table 6 Cardiac function and tissue parameters for the psoriasis cohort without arterial hypertension and diabetes mellitus

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| Parameter | Psoriasis without aHTN and DM (N=42) | Healthy volunteers(HV) (N=40) | *p*-value PV vs. HV |
| LVEDV (ml) | 141.8(126.6-174.7) | 134.7(113.5-158.1) | 0.23† |
| LVEDV-Index-height (ml/m) | 84.3(75.5-96.2) | 76.7(68.7-89.5) | 0.19† |
| LVEDV-Index -BSA (ml/m2) | 75.6(64.4-87.9) | 72.1(65.2-83.8) | 0.55† |
| LVESV (ml) | 54.7(44.8-67.7) | 49.1(41.1-60.7) | 0.24† |
| LVSV (ml) | 90.4(78.7-105.5) | 87.7(74.4-105.1) | 0.43† |
| LVSV-Index -BSA (ml/m2) | 46.1(42.1-53.7) | 43.9(42.0-53.6) | 0.68† |
| LVEF (%) | 62.8(59.1-65.1) | 63.0(59.8-66.3) | 0.45† |
| LV mass (g) | 79.2(71.2-99.6) | 85.5(75.6-110.3) | 0.15† |
| LV mass-Index -BSA (mg/m2) | 41.9(37.2-50.1) | 46.7(41.2-53.3) | **0.01**† |
| RVEF (%) | 54.1(49.8-57.6) | 53.3(50.1-58.1) | 0.77\* |
| RVEDV (ml) | 154.1(138.4-197.3) | 157.5(134.5-183.7) | 0.96† |
| RVEDV-Index -BSA (ml/m2) | 83.2(71.6-94.2) | 84.9(76.0-97.7) | 0.56† |
| RVSV (ml) | 86.5(72.4-105.0) | 83.4(73.4-100.3) | 0.79† |
| RVSV-Index -BSA (ml/m2) | 45.9(37.7-52.0) | 45.0(39.9-52.3) | 0.50\* |
| LA (cm2) | 22.0(18.5-24.3) | 21.1(18.6-23.4) | 0.61† |
| LA EF (%) | 64.3(58.8-67.0) | 62.7(59.2-69.2) | 0.77† |
| LA-EDV-Index-BSA (ml/m) | 35.0(27.8-40.2) | 33.2(28.2-38.7) | 0.67† |
| RA (cm2) | 21.0(19.0-25.1) | 21.1(19.5-24.2) | 0.68\* |
| RA EF (%) | 49.1(43.8-55.1) | 51.3(46.1-57.7) | 0.37† |
| Global longitudinal strain (%) | -17.8(-18.9-(-15.8) | -17.1(-19.0-(-16.1) | 0.95† |
| Global radial strain (%) | 23.3(21.7-28.3) | 28.0(24.1-31.1) | **0.002\*** |
| Global circumferential strain (%) | -15.4(-17.7-(-14.7) | -17.5(-18.6-(-15.9) | **0.002\*** |
| T1 global (ms) | 1004(980-1023) | 991(968-1005) | **0.01\*** |
| T1 basal (ms) | 1001(982-1024) | 992(970-1010) | **0.02\*** |
| T1 midventricular (ms) | 1001(975-1024) | 986(958-1001) | **0.01\*** |
| T2 global (ms) | 48(47-50) | 50(48-51) | **0.01\*** |
| T2 basal (ms) | 49(47-50) | 50(48-51) | **0.02\*** |
| T2 midventricular (ms) | 49(47-50) | 50(48-51) | **0.003\*** |

Data provided as absolute and percent or median and interquartile range. LV=left ventricle, EDV=end-diastolic volume, BSA=body surface area, ESV=end-systolic volume, SV=stroke volume, EF=ejection fraction, RV=right ventricle, LA=left atrium, RA=right atrium, ECV=extracellular volume, LGE=late gadolinium enhancement. \*T-tests, †Mann-Whitney-U test.