**TABLE 1.** Between-dayreliability of pulse wave velocity and arterial stiffness gradient measures.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|   | Visit 1 | Visit 2 | Visit 3 |   | Between visit |   | Reliability Coefficients |
|   | Mean | SD | Mean | SD | Mean | SD |   | MD | SD |   | ICC (95% CI) | SEM (95% CI) | MDC (95% CI) | MDC% (95% CI) |
| cfPWV (m/s) | 5.72 | 0.92 | 5.51 | 0.68 | 5.54 | 0.72 |   | 0.12 | 0.36 |   | 0.84 | (0.67- | 0.93) | 0.29 | (0.19- | 0.41) | 0.79 | (0.53- | 1.15) | 14.19 | (9.56- | 20.51) |
| faPWV (m/s) | 8.84 | 1.02 | 8.59 | 1.08 | 8.71 | 1.03 |   | 0.09 | 0.38 |   | 0.84 | (0.68- | 0.93) | 0.38 | (0.26- | 0.55) | 1.05 | (0.71- | 1.52) | 12.08 | (8.13- | 17.48) |
| af-SG | 1.57 | 0.22 | 1.56 | 0.15 | 1.59 | 0.19 |   | -0.01 | 0.10 |   | 0.77 | (0.54- | 0.89) | 0.08 | (0.05- | 0.11) | 0.22 | (0.15- | 0.31) | 13.79 | (9.39- | 19.54) |
| af-SGABS (m/s) | 3.13 | 0.94 | 3.08 | 0.81 | 3.17 | 0.83 |   | -0.03 | 0.43 |   | 0.78 | (0.56- | 0.90) | 0.36 | (0.24- | 0.51) | 0.99 | (0.68- | 1.41) | 31.78 | (21.60- | 45.14) |
| SBP (mmHg) | 116 | 10 | 117 | 9 | 115 | 10 |   | 0.7 | 3.9 |   | 0.83 | (0.64- | 0.92) | 3.73 | (2.52- | 5.37) | 10.34 | (6.98- | 14.88) | 8.93 | (6.03- | 12.84) |
| DBP (mmHg) | 66 | 7 | 66 | 5 | 65 | 6 |   | 0.8 | 3.6 |   | 0.74 | (0.48- | 0.88) | 2.72 | (1.86- | 3.81) | 7.53 | (5.16- | 10.57) | 11.33 | (7.76- | 15.91) |
| MAP (mmHg) | 83 | 7 | 83 | 5 | 82 | 7 |   | 0.8 | 3.1 |   | 0.80 | (0.56- | 0.91) | 2.55 | (1.73- | 3.64) | 7.07 | (4.79- | 10.08) | 8.53 | (5.78- | 12.16) |

**Abbreviations:** cfPWV, carotid-femoral pulse-wave velocity; faPWV, femoral-ankle pulse-eave velocity; af-SG, aortic-femoral arterial stiffness gradient, af-SGABS; absolute aortic-femoral arterial stiffness gradient; SBP, systolic blood pressure; DBP, diastolic blood pressure; MAP, mean arterial pressure; MD, mean difference; CI, confidence interval; ICC, intra-class correlation coefficient; SEM, standard error of measurement; MDC, minimum detectable change.