**The influence of body position on bioelectrical impedance spectroscopy measurements in young children**

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**Table S1 Bioimpedance body position adjustment equations applied to standing (<1 minute) measurements in validation sub-group (n=15).**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Validation cohort (n = 15) | | T-test | | Bland-Altman | | |
| Mean | SD | F | *p* | Bias | Limits of agreement | |
| Lower | Upper |
| R0 | | | | | | | |
| Supine | 798.59 | 73.21 | -1.619 | 0.128 | -5.43  -0.68% | -30.87  -3.87% | 20.02  2.51% |
| Standing (adjusted) | 804.01 | 75.18 |
| R∞ | | | | | | | |
| Supine | 581.27 | 62.84 | -1.077 | 0.300 | -4.34  -0.75% | -34.88  -6.00% | 26.21  4.51% |
| Standing (adjusted) | 585.60 | 59.56 |
| Zc | | | | | | | |
| Supine | 693.22 | 67.64 | -1.441 | 0.172 | -4.75  -0.69% | -29.80  -4.30% | 20.29  2.93% |
| Standing (adjusted) | 697.97 | 67.53 |
| Z50 | | | | | | | |
| Supine | 730.40 | 71.46 | -1.745 | 0.103 | -5.30  -0.73% | -28.34  -3.88% | 17.75  2.43% |
| Standing (adjusted) | 735.70 | 72.61 |
| R50 | | | | | | | |
| Supine | 727.82 | 71.56 | -1.695 | 0.112 | -5.14  -0.71% | -28.18  -3.87% | 17.89  2.46% |
| Standing (adjusted) | 732.97 | 72.61 |
| Xc50 | | | | | | | |
| Supine | 61.01 | 5.57 | 0.153 | 0.881 | 0.10  0.16% | -4.88  -8.01% | 5.08  8.33% |
| Standing (adjusted) | 60.91 | 4.90 |
| Abbreviations: R0, resistance at 0 kHz; R∞, resistance at infinite kHz; Zc, impedance at the characteristic frequency; Z50, impedance at 50 kHz; R50, resistance at 50 kHz; Xc50, reactance at 50 kHz. | | | | | | | |