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
R_0							
Supine	798.59	73.21	-1.619	0.128	-5.43	-30.87	20.02
Standing (adjusted)	804.01	75.18			-0.68%	-3.87%	2.51%
R_∞							
Supine	581.27	62.84	-1.077	0.300	-4.34	-34.88	26.21
Standing (adjusted)	585.60	59.56			-0.75%	-6.00%	4.51%
Z_c							
Supine	693.22	67.64	-1.441	0.172	-4.75	-29.80	20.29
Standing (adjusted)	697.97	67.53			-0.69%	-4.30%	2.93%
Z_{50}							
Supine	730.40	71.46	-1.745	0.103	-5.30	-28.34	17.75
Standing (adjusted)	735.70	72.61			-0.73%	-3.88%	2.43%
R_{50}							
Supine	727.82	71.56	-1.695	0.112	-5.14	-28.18	17.89
Standing (adjusted)	732.97	72.61			-0.71%	-3.87%	2.46%
Xc_{50}							
Supine	61.01	5.57	0.153	0.881	0.10	-4.88	5.08
Standing (adjusted)	60.91	4.90			0.16%	-8.01%	8.33%

Abbreviations: R_0, resistance at 0 kHz; R_∞, resistance at infinite kHz; Z_c, impedance at the characteristic frequency; Z_{50}, impedance at 50 kHz; R_{50}, resistance at 50 kHz; Xc_{50}, reactance at 50 kHz.