

Table 3. Inter-day reproducibility of cutaneous microvascular perfusion responses assessed using laser speckle contrast imaging. Data in the Test 1 and Test 2 columns are means (SD).

		Test 1	Test 2	CV (%)	ICC
Forearm responses					
Baseline	Raw CVC	0.41 (0.09)	0.43 (0.09)	16	0.68
	%CVC _{PEAK}	25.3 (6.2)	26.6 (5.6)	16	0.76
Occlusion	Raw CVC	0.20 (0.07)	0.19 (0.07)	32	0.52
	%CVC _{PEAK}	11.9 (3.8)	11.9 (4.3)	35	0.34
PORH (1-min occlusion)	Δ CVC _{ABS}	0.67 (0.21)	0.61 (0.22)	27	0.63
	Δ CVC _{REL}	166 (65)	146 (57)	31	0.72
	%CVC _{PEAK}	65.0 (13.7)	62.0 (12.6)	17	0.55
PORH (5-min occlusion)	Δ CVC _{ABS}	0.98 (0.26)	0.98 (0.23)	19	0.69
	Δ CVC _{REL}	243 (74)	237 (54)	22	0.64
	%CVC _{PEAK}	83.3 (13.8)	84.8 (14.2)	13	0.56
PORH (10-min occlusion)	Δ CVC _{ABS}	1.27 (0.31)	1.22 (0.25)	13	0.68
	Δ CVC _{REL}	316 (87)	304 (87)	15	0.89
Finger-pad responses*					
Baseline	Raw CVC	1.63 (1.10)	1.62 (1.26)	46	0.51
Inspiratory gasp	Δ CVC _{ABS}	-1.07 (0.75)	-1.13 (0.72)	33	0.82
	Δ CVC _{REL}	-62.4 (11.0)	-65.7 (12.9)	19	0.45
Cold pressor test	Δ CVC _{ABS}	-1.02 (0.64)	-1.03 (0.68)	37	0.74
	Δ CVC _{REL}	-63.2 (14.1)	-65.9 (11.9)	15	0.61

CVC indicates cutaneous vascular conductance in APU/mmHg; %CVC_{PEAK}, cutaneous vascular conductance normalised to peak; Δ CVC_{ABS}, cutaneous vascular conductance expressed as an absolute change from baseline; Δ CVC_{REL}, cutaneous vascular conductance expressed as a relative (%) change from baseline; PORH, post-occlusive reactive hyperaemia.

* $n = 16$