

Appendix B. Physiological measures at follow up dressing changes

Measure	Time point	Intervention Mean (SD)	Control Mean (SD)	Adjusted Mean Difference (95% CI)	<i>p</i> value
Pulse rate (beats/minute)	1 st Dressing Change				
	T1	104.1 (21.7)	109.9 (19.0)	-6 (-17 to 5)	0.29
	T2	100.4 (23.6)	104.9 (17.4)	-4 (-17 to 8)	0.47
	T3	98.3 (25.8)	104.9 (15.3)	-7 (-20 to 7)	0.33
	T4	99.3 (24.1)	109.6 (19.68)	-10 (-24 – 3)	0.13
	2 nd Dressing Change				
	T1	104.2 (21.4)	119.1 (22.7)	-15 (-30 to 0)	0.05
	T2	100.9 (20.9)	109.9 (23.0)	-9 (-25 to 7)	0.25
	T3	95.7 (20.5)	104.0 (20.6)	-8 (-29 to 12)	0.41
	T4	95.7 (21.5)	104.3 (19.9)	-9 (-33 to 16)	0.45
	3 rd Dressing Change				
	T1	108 (12.2)	111.3 (27.8)	-3 (-33 to 16)	0.81
	T2	98.4 (19.9)	103.9 (18.8)	-6 (-33 to 16)	0.60
	T3	95.3 (24.2)	94.8 (19.0)	1 (-33 to 16)	0.97
	T4	96.3 (31.1)	102.0 (28.3)	-9 (-33 to 16)	0.81
	Temperature (° Celsius)	1 st Dressing Change			
T1		36.1 (0.4)	36.0 (0.4)	0.05 (-0.17 to 0.26)	0.66
T2		36.3 (0.6)	36.2 (0.5)	0.05 (-0.23 to 0.33)	0.71
T3		36.2 (0.4)	36.2 (0.5)	-0.05 (-0.29 to 0.19)	0.66
T4		36.2 (0.4)	36.3 (0.5)	-0.03 (-0.29 to 0.22)	0.81
2 nd Dressing Change					
T1		35.9 (0.4)	35.9 (0.4)	0.02 (-0.21 to 0.25)	0.85
T2		36.2 (0.4)	36.3 (0.5)	-0.08 (-0.35 to 0.25)	0.57
T3		36.3 (0.4)	36.3 (0.4)	-0.02 (-0.37 to 0.25)	0.9
T4		36.2 (0.4)	36.3 (0.3)	-0.16 (-0.43 to 0.25)	0.23
3 rd Dressing Change					
T1		36.2 (0.9)	36.1 (0.4)	0.19 (-0.44 to 0.83)	0.53
T2	36.6 (0.6)	36.4 (0.3)	0.18 (-0.27 to 0.63)	0.4	
T3	36.8 (0.4)	36.2 (0.3)	0.52 (-0.02 to 1.06)	0.06	
T4	36.9 (0.5)	36.4 (0.2)	0.5 (-0.02 to 1.02)	0.06	
Salivary α -amylase (U/mL)	1 st Dressing Change				
	T1	† Mean (×/SD) 39 (24 – 70)	† Mean (×/SD) 43 (23 – 65)	1.00 (0.65 to 1.56)	0.97
2 nd Dressing Change					
T1	43 (17 – 106)	28 (14 – 77)	1.14 (0.48 to 2.71)	0.75	

SD = standard deviation; CI = confidence interval. U/mL = units per milliliter; T1 = timepoint 1; T2 = timepoint 2; T3 = timepoint 3; T4 = timepoint 4. * Adjusted Mean Difference = Intervention Group – Control Group.