

Supplemental Table 2. Treatment effect overall and within each period on secondary temperature outcomes

Outcome	Estimated Treatment effect* [vest minus no vest] (95% CI)	P-value
A. Primary analyses		
Mean skin temperature		
Overall	-0.19 (-0.25, -0.13)	<0.001
Treatment x Period Interaction		<0.001
Period 1	-0.02 (-0.17, 0.14)	0.815
Period 2	-0.30 (-0.46, -0.14)	<0.001
Period 3	-0.41 (-0.57, -0.25)	<0.001
Period 4	-0.05 (-0.20, 0.11)	0.554
Core body temperature[§]		
Overall	-0.14 (-0.20, -0.08)	<0.001
Trt* period Interaction		<0.001
Period 1	-0.18 (-0.32, -0.02)	0.022
Period 2	0.14 (-0.01, 0.29)	0.076
Period 3	-0.30 (-0.45, -0.15)	<0.001
Period 4	-0.21 (-0.36, -0.06)	0.005
B. Sensitivity analyses**		
Mean skin temperature		
Overall	-0.21 (-0.28, -0.15)	<0.001
Trt* period Interaction		<0.001
Period 1	-0.06 (-0.22, 0.09)	0.440
Period 2	-0.32 (-0.48, -0.16)	<0.001
Period 3	-0.43 (-0.59, -0.26)	<0.001
Period 4	-0.06 (-0.22, 0.09)	0.439
Core body temperature[§]		
Overall	-0.14 (-0.20, -0.08)	<0.001
Trt* period Interaction		<0.001
Period 1	-0.18 (-0.33, -0.03)	0.023
Period 2	0.14 (-0.02, 0.29)	0.081
Period 3	-0.29 (-0.45, -0.14)	<0.001
Period 4	-0.22 (-0.37, -0.06)	0.005

Mean skin temperature and core body temperature were repeatedly measured every 15 minutes during surgery.

[§] n = 1 surgery was not included as the thermometer was malfunctioning.

*Difference in Means treatment effect (95% CI) for Vest vs. No Vest estimated from a repeated measures linear model with a compound symmetry correlation structure. Overall is main effect model collapsing over period and others are treatment effect within each period.

** Data are being truncated after 13th measurements in each surgery.