

Table 1. Initial Core temperatures and Body weights

	FEMALES				MALES			
	PRE	Post	% Change	Initial Tc °C	PRE	Post	% Change	Initial Tc °C
EHS (n = 6)	24.0 ±0.8	21.2 ±0.8	11.5 ±1.8		29.3 ±2.7	27.0 ±2.4	7.9 ±1.5	
EHS+IBU (n = 14-16)	24.6 ±1.4	21.7 ±1.0	11.7 ±2.7	37.0 ±0.5	29.2 ±1.5	27.2 ±1.4	7.1 ±1.6	36.9 ±0.6
EXC+IBU (n = 8)	24.3 ±1.1	22.4 ±1.2	7.8 ±2.1 *+	36.8 ±0.7	27.7 ±0.8	26.4 ±0.9	4.8 ±1.3*+	36.3 ±0.8

Means ± SD. EHS = Exertional Heat Stroke. IBU = Ibuprofen. %Change: Loss of body weight during EHS. Tc = Core temperature.

*P<0.01 difference from EHS Tukey following ANOVA

+P<0.01 difference from EHS + IBU Tukey following ANOVA