

Supplementary material

Table S1. Equations used for the estimation of resting energy expenditure.

ESPEN guideline [23,24]	25 Kcal/Kg
Harris-Benedict [25]	REE (male) = $66.45 + 13.75 \times \text{body weight} + 5 \times \text{height} - 6.76 \times \text{age}$ REE (female) = $655.1 + 6.56 \times \text{body weight} + 1.85 \times \text{height} - 4.65 \times \text{age}$
Penn-State [13]	$(\text{REE male or female})^a \times 0.85 + 175 \times \text{Tmax} + 33 \times \text{Ve} - 6433$
Faisy-Fagon [12]	$8 \times \text{body weight} + 14 \times \text{height} + 32 \times \text{Ve} + 94 \times \text{Tmax} - 4834$

^a REE is resting energy expenditure calculated using Harris-Benedict equation for male or female

In all equations body weight is in Kg, height is in centimeters.

Tmax is the maximum temperature in the last 24h in degrees Celsius, Ve is minute ventilation in liters/minute.