



Erratum

European Journal of Clinical Nutrition (2000), **54**, 195–202

Total daily energy expenditure and pattern of physical activity measured by minute-by-minute heart rate monitoring in 14–15 year old Swedish adolescents

U Ekelund, M Sjöström, A Yngve and A Nilsson

Unfortunately due to a typesetting error Tables 4 and 5 were reproduced incorrectly. The correct versions are printed below:

Table 4 Absolute time (min/day) and relative time (%) spent at different levels of physical activity assessed by heart rate monitoring (mean \pm s.d.)

Gender (n)	Min registered	> HR flex	≥ 4.5 SEE	$\geq 50\%$ PVO ₂	$\geq 70\%$ PVO ₂
Boys (42)	788 \pm 71	233 \pm 147	67 \pm 71	26 \pm 17	7 \pm 7
(range)	(642–954)	(63–514)	(4–155)	(2–71)	(0–24)
Percentage of reg time	100	30 \pm 18	8.6 \pm 9.2	3.3 \pm 2.2	1.0 \pm 0.8
Girls (40)	793 \pm 75	220 \pm 130	67 \pm 76	32 \pm 27	10 \pm 12
(range)	(665–924)	(48–526)	(2–334)	(2–90)	(0–39)
Percentage of reg time	100	28 \pm 15	8.6 \pm 9.8	4.0 \pm 3.5	1.3 \pm 1.5

HR Flex, average of the highest HR during resting measurements and lowest HR during exercising; ≥ 4.5 SEE, HR corresponding to 4.5 times SEE; $\geq 50\%$ PVO₂, HR corresponding to 50% PVO₂; $\geq 70\%$ PVO₂, HR corresponding to 70% PVO₂.

Table 5 Comparison of energy expenditures and activity levels between minute-by-minute heart rate monitoring studies in 14–15 y old adolescents

	Spurr & Reina (1988) ^a	Spurr & Reina (1988) ^b	Livingstone et al (1992)	Present study
<i>Boys</i>				
Subjects (n)	20	26	3	42
Registered time (days)	1–2	1–2	2–3	2–3
Age (y)	14.8	14.8	15.4	14.8
Weight (kg)	49.9	38.9	50.7	61.6
TDEE (MJ/day)	12.1	10.6	11.5	12.8
TDEE (kJ/kg/day)	244	274	227	210
AEE (MJ/day)	5.6 ^c	4.9 ^c	4.8	5.4
PAL	1.94	1.93	1.71	1.74
<i>Girls</i>				
Subjects (n)	19	22	3	40
Registered time (days)	1–2	1–2	2–3	2–3
Age (y)	14.9	15.2	15.6	14.7
Weight (kg)	49.3	42.0	55.4	55.9
TDEE (MJ/day)	8.3	8.2	9.9	10.0
TDEE (kJ/kg/day)	174	203	179	182
AEE (MJ/day)	2.7 ^{cc}	2.8 ^{cc}	4.4	4.0
PAL	1.61	1.61	1.88	1.67

^aControl subjects; ^bMarginally malnourished subjects; ^cValues have been calculated by the present authors.

AEE, activity energy expenditure (TDEE – BMR); PAL, physical activity level (TDEE/BMR).

We apologise for any inconvenience this may have caused.