

CORRIGENDUM

Effects of the menopausal transition on energy expenditure:
a MONET group study

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Since the publication of this paper, the authors have discovered mistakes and they would like to make modifications to the following sections and to Table 3.

The authors apologize for any inconvenience caused.

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Statistical analysis

SPSS was used for all analyses (version 17.0; SPSS Inc., Chicago, IL, USA). Two-way repeated-measures analyses of variance (ANOVAs), controlled for fat mass (FM) and fat-free mass (FFM) at year 5, were used to determine main effects of time and menopausal status on EE variables. *Post-hoc* tests were performed with Tukey–Kramer and adjustment was used for multiple comparisons. These analyses thus included data collected annually for 5 years. Only cases with complete data at all measurement points were retained. **Unpaired comparison tests** were performed to determine differences between year 0 and years before and after menopause onset. In these analyses, year 0 is considered the year within FMP (menopause onset). Data before and after menopause onset were expressed as the percent of the values at year 0, which was fixed at 100%. Data are presented as means \pm s.d. All effects were considered significant at $P < 0.05$.

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Effect of the menopausal transition on energy expenditure changes

To further analyze the effect of menopausal transition on EE variables, **unpaired comparison tests** were performed to investigate the differences between years relative to FMP in women who became postmenopausal by the end of the study. These data are expressed as the percent of the values at year 0, which was fixed at 100%, and are shown in Table 3. Year 0 was the year within the FMP (or menopause onset), year 1 was considered as 1 year after FMP, year -1 was considered as 1 year before FMP and so on. **REE and TEF were significantly higher at years +1 and +2 relative to menopause onset. Moreover, TEF was significantly lower in the years preceding onset of menopause (year -4 and -3). PAEE was significantly higher at year -3 and decreased until the onset of menopause. This variable was significantly lower at year +1.** Furthermore, time spent in sedentary physical activity tended to increase across the menopausal transition years and was significantly higher at year -1 . This variable continued to increase in the postmenopausal years and **was significantly higher at year +1 and +2.** Regarding the time spent in moderate physical activity, it was higher at year -4 and -3 , and decreased until the onset of menopause (year 0) **and remained at this lower level over through year +2. TEE was significantly lower at year +1.**

Table 3. Changes in energy expenditure before and since menopause onset (year 0)

	Years before and since menopause onset						
	-4	-3	-2	-1	0	+1	+2
<i>n</i>	18	32	48	42	49	28	14
REE (kcal per day)	99.2 \pm 6.6	99.3 \pm 7.1	100.4 \pm 9.8	101.1 \pm 8.2	100%	103.0 \pm 8.4 ^a	107.2 \pm 9.6 ^a
<i>n</i>	17	29	44	40	46	27	13
TEF (kcal per 180 min)	86.2 \pm 19.8 ^a	90.1 \pm 23.6 ^a	107.3 \pm 51.1	96.5 \pm 27.4	100%	111.2 \pm 24.2 ^a	107.7 \pm 24.6 ^a
TEF (%)	89.2 \pm 17.7 ^a	93.0 \pm 22.7 ^a	106.9 \pm 44.4	97.3 \pm 25.8	100%	107.1 \pm 23.7 ^a	101.4 \pm 23.2
<i>n</i>	16	30	41	36	46	21	12
PAEE (kcal per day)	98.6 \pm 29.1	108.2 \pm 26.8 ^a	104.8 \pm 34.5	95.0 \pm 29.5	100%	89.5 \pm 28.2 ^a	96.3 \pm 35.8
Time sedentary (min per week)	96.4 \pm 10.3 ^a	96.9 \pm 9.8 ^a	100.4 \pm 13.2	104.4 \pm 13.2 ^a	100%	107.7 \pm 12.4 ^a	106.6 \pm 13.5 ^a
Time moderate (min per week)	110.6 \pm 33.1 ^a	112.6 \pm 26.9 ^a	108.7 \pm 36.2	94.7 \pm 25.2	100%	90.2 \pm 36.6	94.6 \pm 26.7
<i>n</i>	16	28	40	36	45	20	12
TEE (kcal per day)	97.9 \pm 10.0	100.9 \pm 12.5	99.8 \pm 13.2	97.6 \pm 11.8	100%	95.7 \pm 11.0 ^a	101.6 \pm 12.3

Abbreviations: MET, metabolic equivalent; PAEE, physical activity energy expenditure; REE, resting energy expenditure; TEE, total energy expenditure; TEF, thermic effect of food; time moderate, time spent in moderate physical activity (3–6 METs); time sedentary, time spent in sedentary physical activity (1–1.5 METs). Values are mean \pm s.d. for each year expressed as the percent of the values at year 0 (menopause onset), which was standardized to 100%. ^aSignificantly different compared with year 0 ($P < 0.05$).