



Body composition, energy expenditure and physical activity

Correction to: The role of appetite-related hormones, adaptive thermogenesis, perceived hunger and stress in long-term weight-loss maintenance: a mixed-methods study

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Correction to: *European Journal of Clinical Nutrition*
<https://doi.org/10.1038/s41430-020-0568-9>.

Since publication the authors noticed a missing data point in one figure (Fig. 4c) and a mistake in the interpretation of this figure, which made its way into the abstract, results and discussion sections of the paper.

Changes to the Abstract are as follows:

Results section

Original: ‘Weight regain between 6 and 24 months (6.1 ± 6.3 kg, $P < 0.05$) was correlated positively with change in GLP-1 ($r = 0.5$, $P = 0.037$) and negatively with GLP-1 at baseline ($r = -0.7$, $P = 0.003$) and after weight loss ($r = -0.7$, $P = 0.005$).’

Correct text: ‘Weight regain between 6 and 24 months (6.1 ± 6.3 kg, $P < 0.05$) was negatively correlated with GLP-1 at baseline ($r = -0.7$, $P = 0.003$) and after weight loss ($r = -0.7$, $P = 0.005$).’

Conclusion section

Original: ‘Weight regain is more likely with lower fasting GLP-1 and greater reduction in GLP-1 after weight loss, but psychological aspects of eating behaviour appear as important in attenuating weight-loss maintenance.’

Correct text: ‘Weight regain is more likely with lower fasting GLP-1 at baseline and following weight-loss, but psychological aspects of eating behaviour appear as important in attenuating weight-loss maintenance.’

Changes to the Results are as follows:

Appetite-related hormones section

Original: ‘Body weight regain from 6 to 24 months was positively correlated with changes in fasting GLP-1 concentration ($r = 0.5$, $P = 0.037$)...’

Correct text: ‘Body weight regain from 6 to 24 months was weakly correlated with changes in fasting GLP-1 concentration ($r = 0.5$, $P = 0.051$)...’

Figure 2

Original description: ‘Fig. 2 Individual changes in body weight (kg) between (a) 0–6 months and (b) 6–24 months. Grey dashed lines indicate mean value (– – –). Body weight (kg) at baseline, 6 months and 24 months for each participant.’

Correct text: ‘Fig. 2 Body weight (kg) at baseline, 6 months and 24 months for each participant.’

Changes to the Discussion are as follows:

Sentence starting on line 9

Original: ‘This study suggests that individuals with higher fasting plasma GLP-1 concentrations and lower reduction in GLP-1 during diet-induced weight loss, and an ability to manage emotional difficulties without compensatory eating can be expected to be more successful at weight-loss maintenance.’

Correct text: ‘This study suggests that individuals with higher fasting plasma GLP-1 concentrations and an ability to manage emotional difficulties without compensatory eating can be expected to be more successful at weight-loss maintenance.’

Final paragraph of discussion

Original: ‘In conclusion, our findings imply that habitually higher fasting GLP-1 concentrations and lower reduction in GLP-1 during diet-induced weight loss form part of a favourable biological profile for long-term weight-loss maintenance...’

Correct text: ‘In conclusion, our findings imply that higher fasting GLP-1 concentrations form part of a favourable biological profile for long-term weight-loss maintenance...’

The original article has been corrected.

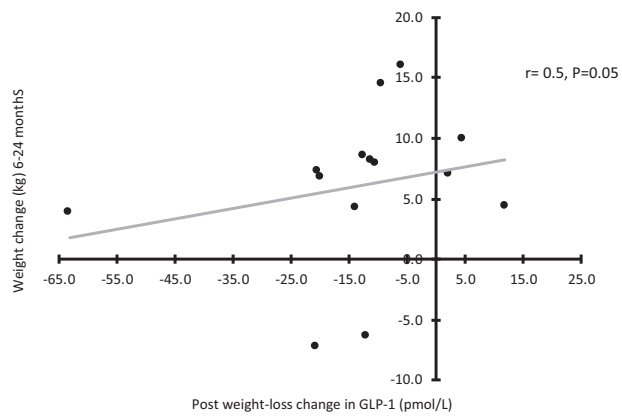


Fig. 4 Association between weight regain (kg) from 6 to 24 months and (a) GLP-1 measured at baseline, (b) GLP-1 measured after weight loss, and (c) change in GLP-1 from baseline to 6 months.