

Correction

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Correction: Utility of a single adjusting compartment: a novel methodology for whole body physiologically-based pharmacokinetic modelling

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Abstract

After our work was published, we found that some of the terms in the equations were incorrect and that there were some typographical errors in the abbreviations.

In the section 'Single adjusting compartment' in Materials and Methods, VS should be VSAC.

In the last paragraph of Results, QSAC should be Q_{SAC} .

The correct equations are included in this article.

These corrections will not affect the results of this study.

Correction

After our work was published [1], we found that some of the terms in the equations were incorrect and that there were some typographical errors in the abbreviations.

In the section 'Single adjusting compartment' in Materials and Methods, V_S should be V_{SAC} .

In the last paragraph of Results, QSAC should be Q_{SAC} .

The correct equations are as follows:

$$\frac{dC_r}{dt} = \frac{Q_r}{V_r} \left(C_a - \frac{C_r}{Kp_r} \right) - \frac{CL_r \cdot C_a}{V_r} \quad (2)$$

$$\frac{dC_{gi}}{dt} = \frac{Q_{gi}}{V_{gi}} \left(C_a - \frac{C_{gi}}{Kp_{gi}} \right) - \frac{CL_{gi} \cdot C_a}{V_{gi}} \quad (3)$$

$$\frac{dC_{lung}}{dt} = \frac{Q_{tot}}{V_{lung}} \left(C_v - \frac{C_{lung}}{Kp_{lung}} \right) \quad (4)$$

$$\frac{dC_i}{dt} = \frac{Q_i}{V_i} \left(C_a - \frac{C_i}{Kp_i} \right) \quad (5)$$

These corrections will not affect the results of this study.

Competing interests

The authors declare that they have no competing interests.

References

1. Ando H, Izawa S, Hori W, Nakagawa I: **Utility of a single adjusting compartment: a novel methodology for whole body physiologically-based pharmacokinetic modeling.** *Theoretical Biology and Medical Modelling* 2008, **5**:19.