

CORRECTION

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Correction to: Validity of anthropometric equations to estimate infant fat mass at birth and in early infancy

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Correction to: *BMC Pediatr*

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Following the publication of article by Cauble et al. [1], typographical errors were discovered. The Lingwood et al. and Deierlein et al. equations were listed incorrectly. To avoid confusion to the readers, the authors propose to publish a correction. The errors and the corresponding corrections are shown below:

The paper lists the Deierlein equation as:

$$\begin{aligned} & -0.012-0.064*\text{gender}(1 = \text{male}; 0 = \text{female}) \\ & +0.0024*\text{age (days)}-0.150*\text{body weight (kg)} \\ & +0.055*\text{body weight}^2 (\text{kg})^2 + 0.046*\text{ethnicity} \\ & (1 = \text{Hispanic}; 0 = \text{not Hispanic}) \\ & +0.020*\text{sum of 3 skinfolds (triceps, subscapular, and thigh)} \end{aligned}$$

The correct Deierlein equation is:

$$\begin{aligned} & -0.012-0.064*\text{gender}(1 = \text{male}; 0 = \text{female})+0.024*\text{age (days)} \\ & -0.150*\text{body weight (kg)} + 0.055*\text{body weight}^2 (\text{kg})^2 \\ & +0.046*\text{ethnicity (1 = Hispanic; 0 = not Hispanic)} \\ & +0.020*\text{sum of 3 skinfolds (triceps, subscapular, and thigh)} \end{aligned}$$

The paper lists the Lingwood equation as:

$$\begin{aligned} \text{FFM} = & 0.057 + 0.646*\text{weight (kg)} \\ & -0.089*\text{gender (1 = male; 2 = female)} \\ & +0.009*\text{length (cm)} \end{aligned}$$

$$\text{FM} = \text{weight}-\text{FFM}$$

The correct Lingwood equation is:

$$\begin{aligned} \text{FFM} = & 0.507 + 0.646*\text{weight (kg)} \\ & -0.089*\text{gender (1 = male; 2 = female)} \\ & +0.009*\text{length (cm)} \end{aligned}$$

$$\text{FM} = \text{weight}-\text{FFM}$$

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Reference

1. Cauble JS, Dewi M, Hull HR. Validity of anthropometric equations to estimate infant fat mass at birth and in early infancy. *BMC Pediatr*. 2017;17:88. <https://doi.org/10.1186/s12887-017-0844-6>.

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