

Letter to the Editor

New reference values for maximal respiratory pressures in the Brazilian population: Corrections

Novos valores de referência para pressões respiratórias máximas na população brasileira: Correções

To the Editor:

In our article entitled “New reference values for maximal respiratory pressures in the Brazilian population”, which proposed reference values for MIP and MEP and was published in a recent issue of the Brazilian Journal of Pulmonology,⁽¹⁾ we inadvertently erred in one of the equations, specifically in that for MIP in males.

We apologize for this error, and here we show the corrected equation:

Incorrect: Males: MIP: $y = -1.24 \times \text{age} + 232.37$
($R^2 = 60.73$; RSE = 356.58; SEE = 18.88;
5th percentile = -23.38)

Correct: Males: MIP: $y = -1.14 \times \text{age} + 149.33$
($R^2 = 0.52$; RSE = 422.16; SEE = 20.54;
5th percentile = -130.00)

Therefore, the full set of equations should be as below:

Males:

MIP: $y = -1.14 \times \text{age} + 149.33$
($R^2 = 0.52$; RSE = 422.16; SEE = 20.54;
5th percentile = -130.00)

MEP: $y = -1.26 \times \text{age} + 183.31$
($R^2 = 48.9$; RSE = 586.81; SEE = 24.22;
5th percentile = -38.95)

Females:

MIP: $y = -0.46 \times \text{age} + 74.25$
($R^2 = 24.8$; RSE = 300.72; SEE = 17.20;
5th percentile = -28.83)

MEP: $y = -0.68 \times \text{age} + 119.35$
($R^2 = 35.14$; RSE = 315.33; SEE = 17.76;
5th percentile = -23.24).

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References

1. Costa D, Gonçalves HA, de Lima LP, Ike D, Cancelliero KM, Montebelo MI. New reference values for maximal respiratory pressures in the Brazilian population. *J Bras Pneumol.* 2010;36(3):306-12.