

Author's Correction: Growth Characteristics of the Fetal Ligament of the Head of Femur: Significance in congenital hip disease

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The author regrets an error in the formulae used to calculate rate of growth curves for the ligament of the head of femur, published in this journal [1].

Rate of growth curves were derived from the quadratic model ($\hat{y} = \beta_0 + \beta_1t + \beta_2t^2$; t = age in weeks). The first derivative of this equation, with respect to time, for right length is $dy/dt = 0.62019 + 2(-0.00583)t$. The value of this derivative at $t = 20$ weeks is: $0.62019 + 2(-0.00583)20 = 0.38699$ mm/week. The rate of growth decreases with increasing fetal age (Fig. 2) but the value of the derivative is never negative during fetal life as was previously incorrectly displayed. This correction does not alter observations made with regard to differences in the rate of growth for length and width between sides. Additionally, the second column caption given above the regression equations for the fitted model [1:314] should read: β_1x (not $\beta_i x$).

REFERENCE

1. Walker JM: Growth characteristics of the fetal ligament of the head of femur: Significance in congenital hip disease. *Yale J Biol Med* 53:307-316, 1980

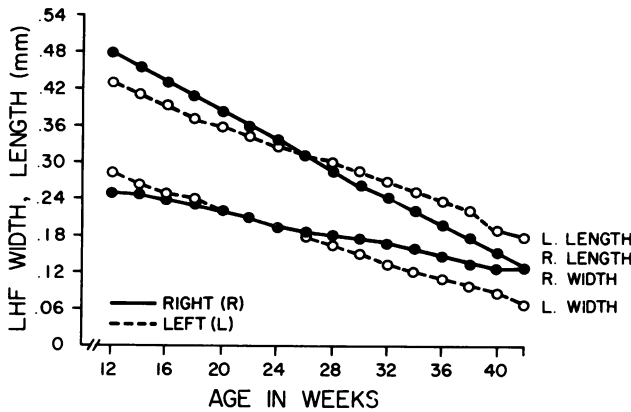


FIG. 2. Rate of growth curves, by side for LHF length and width. Model: mean, age, age².