

A Comparison of the Physical and Chemical Differences Between Cancellous and Cortical Bovine Bone Mineral at Two Ages

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Erratum to: Calcif Tissue Int (2008) 83(2): 146–154 DOI 10.1007/s00223-008-9164-z

In the August 2008 issue (volume 83/number 2, pp 146–154), the following errors need to be amended:

Page 149

Results section, 1st column: Replace the sentence beginning with “Statistical” on lines 8 through 16 with:

“Statistical analysis showed significant effects of age ($p < 0.0001$, $p < 0.0001$) and type of bone ($p < 0.0001$, $p < 0.05$) for both 002 and 130 crystal directions, respectively. However, there were also statistically significant

interactions with both 002 ($p < 0.001$) and 130 ($p < 0.05$). Accordingly, the older crystals are “larger and/or more perfect” than the younger crystals, but this effect is greater in cancellous bone. The cortical bone mineral crystals are “larger and/or more perfect” than the cancellous bone crystals and this effect is greater for the younger bone crystals.”

Results section, 2nd column: Replace the sentence beginning with “Highly” on line 11 as well as the sentence beginning with “Significant” on line 14 with:

Both age ($p < 0.05$) and type of bone ($p < 0.001$) had statistically significant effects on Ca/P ratio and there was no interaction between these factors ($p = 0.310$). The Ca/P ratio increased with age and was greater in cortical bone than cancellous bone.

Page 150

Fig. 2 legend correction: Table 2 should be Table 3

2nd column, line 1: Table 2 should be Table 3

2nd column, line 5: Table 2 should be Table 3

2nd column, line 5: Replace the sentence beginning “The interaction” with

“Both age ($p < 0.0001$) and type of bone ($p < 0.0001$) had statistically significant effects on labile HPO_4 . The interaction between age is considered extremely significant for the HPO_4 bands ($p < 0.0001$); hence, age does not have the same effect at all values of bone type. The difference between labile HPO_4 for cancellous and cortical bone is greater for the 1–3 month old bone than the 4–5 year bone.”

2nd column, lines 8 through 12, delete the sentence beginning with “There is a significantly” since they are replaced by the revision above.

We regret these errors.

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