Corrigendum to “Effect of feeding 25-hydroxyvitamin D₃ with a negative cation-anion difference diet on calcium and vitamin D status of periparturient cows and their calves” (J. Dairy Sci. 98:5588–5600)

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Table 7 on page 5597 contained some incorrect data for serum 25-(OH)D₃ concentrations due to an error in unit conversion. The table is shown below, with corrected values in bold. The error does not affect the statistical analysis (the *P*-values for these data were correct as reported) or Figure 4.

The authors regret the error.

Table 7. Effect of prefresh diet of dam on vitamin D metabolites in their milk and in serum from their calves¹

Item	Treatment ²			SEM	P-value ³	
	Control	DCAD + D	DCAD + 25D		DCAD	VD
Milk						
Vitamin D ₃ , pg/mL						
First milking colostrum	471	340	ND	55.1	0.09	—
Sixth milking	324	295	ND	75.4	0.77	—
25-(OH)D ₃ , pg/mL						
First milking colostrum	1,021	891	3,690	163.2	0.72	0.001
Sixth milking	458	340	1,088	167.7	0.64	0.001
Milk, 28 DIM	358	473	607	168.7	0.37	0.20
Serum of calves						
25-(OH)D ₃ , ng/mL						
Birth	25.9	21.1	60.8	5.10	0.51	0.001
Sixth feeding	17.3	15.7	37.8	2.86	0.68	0.001
1,25-(OH) ₂ D, pg/mL						
Birth	149.0	136.8	160.1	30.5	0.77	0.59
Sixth feeding	192.3	212.1	257.2	33.6	0.35	0.68
Calcium, mg/dL						
Birth	11.7	11.5	11.3	0.18	0.49	0.26
Sixth feeding	12.0	11.6	11.4	0.19	0.16	0.53

¹Birth samples were taken before consuming colostrum and sixth milking sample was taken within 2 h after calves consumed their sixth feeding of milk. Calves were only fed colostrum or milk from their dams. For milk measures and serum 25-(OH)D₃, time and time × treatment were significant (*P* < 0.01), but only time was significant for 1,25-(OH)₂D₃ (*P* < 0.01). Milk from cows fed DCAD + 25 D did not have measurable concentrations of vitamin D₃ and that treatment was excluded from the statistical analysis.

²Control diet contained vitamin D₃ and no supplemental anions; DCAD + D diet contained vitamin D₃ and supplemental anions; DCAD + 25D diet contained 25-(OH)D₃ and supplemental anions.

³DCAD = effect of feeding supplemental anions (control vs. DCAD + D); VD = effect of type of supplemental vitamin D (DCAD + D vs. DCAD + 25D).

REFERENCES

Weiss, W. P., E. Azem, W. Steinberg, and T. A. Reinhardt. 2015. Effect of feeding 25-hydroxyvitamin D₃ with a negative cation-anion difference diet on calcium and vitamin D status of periparturient cows and their calves. J. Dairy Sci. 98(8):5588–5600.