

Al-Qaisi M, Kvidera SK, Horst EA, McCarthy CS, Mayorga EJ, Abeyta MA, Goetz BM, Upah NC, McKilligan DM, Ramirez-Ramirez HA, Timms LL, Baumgard LH. 2020. Effects of an oral supplement containing calcium and live yeast on post-absorptive metabolism, inflammation and production following intravenous lipopolysaccharide infusion in dairy cows. *Res Vet Sci* 129:74–81. <https://doi.org/10.1016/j.rvsc.2020.01.007>

Blanc CD, Van der List M, Aly SS, Rossow HA, Silva-del-Río N. 2014. Blood calcium dynamics after prophylactic treatment of subclinical hypocalcemia with oral or intravenous calcium. *J Dairy Sci* 97:6901–6906.

Braithwaite GD. 1972. The effect of ammonium chloride on calcium metabolism in sheep. *Br J Nutr* 27:201–209.

Braithwaite GD. 1974. The effect of changes of dietary calcium concentration on calcium metabolism in sheep. *Br J Nutr* 31:319–331.

Chandler TL, Westhoff TA, Behling-Kelly EL, Sipka AS, Mann S. 2023. Eucalcemia during lipopolysaccharide challenge in postpartum dairy cows: I. Clinical, inflammatory, and metabolic response. *J Dairy Sci* 106:3586–3600. <https://doi.org/10.3168/jds.2022-22774>

Daniel JB, Wilms JN, Mica JH, Martín-Tereso J. 2021. Effect of a calcium-energy supplement drink at calving on lactation performance: milk yield and composition, odds to reach a next lactation, and calving interval. *J Dairy Sci* 104:9703–9714.

Horst EA, Mayorga EJ, Al-Qaisi M, Abeyta MA, Portner SL, McCarthy CS, Goetz BM, Kvidera SK, Baumgard LH. 2020. Effects of maintaining eucalcemia following immunoactivation in lactating Holstein dairy cows. *J Dairy Sci* 103:7472–7486. <https://doi.org/10.3168/jds.2020-18268>

Kimura K, Reinhardt TA, Goff JP. 2006. Parturition and hypocalcemia blunts calcium signals in immune cells of dairy cattle. *J Dairy Sci* 89:2588–2595. [https://doi.org/10.3168/jds.S0022-0302\(06\)72335-9](https://doi.org/10.3168/jds.S0022-0302(06)72335-9)

Lopera C, Zimpel R, Vieira-Neto A, Lopes FR, Ortiz W, Poindexter M, Faria BN, Gambarini ML, Block E, Nelson CD, Santos JEP. 2018. Effects of level of dietary cation-anion difference and duration of prepartum feeding on performance and metabolism of dairy cows. *J Dairy Sci* 101:7907–7929. <https://doi.org/10.3168/jds.2018-14580>

Martín-Tereso J, Verstegen M. 2011. A novel model to explain dietary factors affecting hypocalcaemia in dairy cattle. *Nutr Res Rev* 24:228–243. <https://doi.org/10.1017/S0954422411000126>

McArt JA, Neves RC. 2020. Association of transient, persistent, or delayed subclinical hypocalcemia with early lactation disease, removal, and milk yield in Holstein cows. *J Dairy Sci* 103:690–701. <https://doi.org/10.3168/jds.2019-17191>

Seminara J, Seely C, McArt J. 2025. Acute phase responses in clinically healthy multiparous Holsteins with and without calcium dysregulation during the early postpartum period. *J Dairy Sci* 108:1930–1939. <https://doi.org/10.3168/jds.2024-25300>

Valldcabres A, Branco-Lopes R, Bernal-Córdoba C, Silva-del-Río N. 2023. Production and reproduction responses for dairy cattle supplemented with oral calcium bolus after calving: Systematic review and meta-analysis. *JDS Commun* 4:9–13. <https://doi.org/10.3168/jdsc.2022-0235>

Wilms JN, Daniel JB, Martin-Tereso J, Klop A, Goselink R, Han Y, van Kuijk S. 2022. Blood calcium dynamics in cows receiving an aqueous calcium suspension for voluntary consumption or a calcium bolus following parturition. *J Dairy Res* 89:29. <https://doi.org/10.1017/S002202992200019X>