

Fluid Therapy in Calves with Diarrhoea Update

Until recently it has been thought that slightly hypertonic Oral Replacement Solutions (ORS) with an osmolality of 400-600 mOsm/L were the ideal replacement solution in calves with diarrhoea. A recent paper by Wilms et. al. (2020) found that ORS of this concentration may impair the solution's alkalinising capacity and increase faecal output. They suggested that lower tonicity ORS (250-300 mOsm/L) may be more effective at restoring water, electrolyte and acid-balance in calves with diarrhoea.

Read more here: <https://onlinelibrary.wiley.com/doi/full/10.1111/jpn.13405>

Reference: JN Wilms, J Echeverry-Munera, L Engelking, LN Leal, J Martín-Tereso. (2020). *Tonicity of oral rehydration solutions affects water, mineral and acid–base balance in calves with naturally occurring diarrhoea.* Journal of Animal Physiology and Animal Nutrition 00:1–16 doi:10.1111/jpn.13405

