

TABLE 12C**Sodium Concentration of Isotonic Crystalloids**

Lactated Ringer's solution	130 mEq/L
Plasma-Lyte A	140 mEq/L
Normosol R	140 mEq/L
0.9% NaCl*	154 mEq/L

* Evidence in human patients suggests that 0.9% NaCl may be detrimental to kidney health.^{1,2}

1. Ostermann M, Randolph AG. Resuscitation fluid composition and acute kidney injury in critical illness. *New England Journal of Medicine*. 2022;386(9):888-889.
2. Sigmon J, May CC, Bryant A, Humanez J, Singh V. Assessment of acute kidney injury in neurologically injured patients receiving hypertonic sodium chloride: does chloride load matter? *Annals of Pharmacotherapy*. 2020;54(6):541-546.

The 2024 Fluid Therapy Guidelines for Dogs and Cats are available at aaha.org/fluid-therapy.

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