

**TABLE 9****Fluid Therapy Dosing According to Stage of Fluid Requirements**

Stage	Formula	Rate of Administration	Comments
<b>Resuscitation</b>	<b>Cat:</b> 5–10 mL/kg <b>Dog:</b> 15–20 mL/kg	15 min	Assess perfusion parameters after bolus. May repeat bolus as needed.
<b>Rehydration</b>	Total fluid deficit (L) = Body weight (kg) × % Dehydration (as a decimal)	Over 12–24 hr	Ongoing losses should be assessed through inputs and outputs and incorporated into the fluid plan.
<b>Maintenance</b>	<b>Dog:</b> a. 60 mL/kg/day b. $132 \times \text{BW (kg)}^{0.75}$ c. $30 \times \text{BW (kg)} + 70 = \text{mL/kg/day}$ <b>Cat:</b> a. 40 mL/kg/day b. $80 \times \text{BW (kg)}^{0.75}$ c. $30 \times \text{BW (kg)} + 70 = \text{mL/kg/day}$ <b>Pediatric:</b> Dog: 3 × adult dose Cat: 2.5 × adult dose	Over 24 hr	Also incorporate enteral water, liquid diets, and IV medications into the total volume of the fluid plan.

BW, body weight

**The 2024 Fluid Therapy Guidelines for Dogs and Cats are available at [aaha.org/fluid-therapy](https://aaha.org/fluid-therapy).**

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