

TABLE 18**Monitoring Fluid Delivery**

Method of Delivery	Monitoring
Fluid pump Buretrol	<ul style="list-style-type: none">• Set TVI to 0 at start. Document every 2–4 hours.• Set VTBI for time frame between checks.
Syringe pump	<ul style="list-style-type: none">• Set TVI to 0 at start. Document every 2–4 hours.• Set VTBI for time frame between checks.
Gravity drip set Pressure bag	<ul style="list-style-type: none">• Mark top of fluids on bag at start and document every 1–2 hours.• Monitor more frequently due to a higher risk of changes in volume delivered (e.g., every five minutes for volumes delivered over 15-20 minutes).
Syringe	<ul style="list-style-type: none">• Use only for bolus administration. Do not leave attached to patient.

TVI, total volume infused; VTBI, volume to be infused

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

These guidelines were prepared by a Task Force of experts convened by the American Animal Hospital Association (AAHA) and were subjected to a formal peer-review process. This document is intended as a guideline only, not an AAHA standard of care. These guidelines and recommendations should not be construed as dictating an exclusive protocol, course of treatment, or procedure. Variations in practice may be warranted based on the needs of the individual patient, resources, and limitations unique to each individual practice setting. ©2024 AAHA.

