

---

**TABLE 5**

**Additional Clinical and Diagnostic Findings That May Indicate Overhydration/Fluid Overload**

**Acute weight gain**

**Respiratory signs**

- Tachypnea
- Cough
- Moist lung sounds
- Labored breathing
- Diagnostic imaging findings consistent with pleural effusion, ascites, and/or pulmonary edema

**Edema**

- Chemosis
- Subcutaneous edema
- Organ edema and dysfunction (e.g., gastrointestinal signs, altered mentation, arrhythmia)

**Serous nasal discharge**

**Cavitary effusion**

**Polyuria in the absence of renal failure**

**Shivering**

**Restlessness**

---

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

