

**TABLE 2****Stages and Clinical Signs of Hypovolemic Shock**

|                             | Heart rate   | CRT            | MM color      | Peripheral pulses | Peripheral blood pressure | Extremities                 | Body temperature                          |
|-----------------------------|--|----------------|---------------|-------------------|---------------------------|-----------------------------|---|
| <b>Compensatory</b>         |  |                |               |                   |                           |                             |   |
| <b>Cat</b>                  | Rarely recognized (seconds to a few minutes in duration) |                |               |                   |                           |                             |   |
| <b>Dog</b>                  | Normal or increased                                      | 1-2 s          | Normal or red | Bounding          | Normal or increased       | Normal temperature to touch | Hypothermic, hyperthermic or normothermic |
| <b>Early decompensatory</b> |  |                |               |                   |                           |                             |   |
| <b>Cat</b>                  | Normal or decreased                                      | >2 s           | Pale          | Weak              | Low                       | Cool to touch               | Hypothermic                               |
| <b>Dog</b>                  | Increased  | >2 s           | Pale to white | Weak              | Normal or decreased       | Cool to touch               | Hypothermic, hyperthermic or normothermic |
| <b>Late decompensatory</b>  |  |                |               |                   |                           |                             |   |
| <b>Cat</b>                  | Decreased  | >2 s or absent | White         | Absent            | Low or unable to obtain   | Cool to cold to touch       | Hypothermic                               |
| <b>Dog</b>                  | Normal or decreased                                      | >2 s or absent | White         | Absent            | Low or unable to obtain   | Cool to cold to touch       | Hypothermic, hyperthermic or normothermic |

CRT, capillary refill time; MM, mucous membrane

**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.

