

**Table. Rule Outs for Gallbladder Wall Edema in the Dog**

Condition	Expected Characterization of the Caudal Vena Cava (CVC)	Speculated Pathophysiology
<b>*Canine Anaphylaxis</b>	flat, hypovolemic CVC	%Massive histamine release into the portal circulation resulting in acute marked hepatic venous congestion (elevated ALT) <i>%Quantz et al. J Vet Emerg Crit Care 2009</i>
<b>*Pericardial Effusion</b>	FAT, distended, hypervolemic CVC	Marked hepatic venous congestion from obstruction of blood flow to the right atrium <i>@Lisciandro et al. J Vet Intern Med 2021</i>
<b>*Right-sided Congestive Heart Failure</b> (Dilated Cardiomyopathy, Pulmonary Hypertension, Valvular Disease)	FAT, distended, hypervolemic CVC	@Marked hepatic venous congestion from backflow of blood from the right atrium <i>@Lisciandro et al. J Vet Intern Med 2021</i>
<b>Cholecystitis</b>	variable	Direct inflammation
<b>Pancreatitis</b>	variable	Direct inflammation
<b>Sepsis</b>	variable	#Direct inflammation (often normal ALT) <i>#Walters et al. J Am Vet Med Assoc 2017</i>
<b>Acute Hemorrhagic Diarrhea Syndrome (AHDS)</b>	variable	&Direct inflammation (variable ALT) <i>&amp;Lisciandro et al. Abstract J Vet Emerg Crit Care 2020</i>
<b>Hypoproteinemia</b> (3rd spacing)	variable	Vascular leak
<b>Immune-mediated Hemolytic Anemia</b>	variable	Likely immune-mediated and volume overload
<b>Post-transfusion</b>	variable to FAT, hypervolemia	Likely immune-mediated and volume overload
<b>Dexmedetomidine</b>	FAT, hypervolemia	§alpha-2-agonist <i>§Seitz et al. J Vet Intern Med 2021</i>

*\*Conditions that are most important to consider in the acute triage setting of acute collapse and weakness in a previously clinically normal patient.*

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