

AFAST® Goal-Directed Template – Right Lateral Recumbency Preferred

Sonographer _____ Patient Name _____ Date/Time _____ Sedation? Y ☐ N ☐ If yes, type of _____

Patient Positioning: Sternal/standing ☐ Left Lateral ☐ or Right Lateral ☐ or Modified sternal ☐

AFAST® Diaphragmatico-Hepatic (DH) View

Caudal Vena Cava: Bounce (fluid resp.) ☐ flat (hypovolemic) ☐ FAT (fluid intolerant) ☐ Indeterm ☐ N/A ☐

Hepatic Venous Distension: Absent ☐ Present (Tree Trunk Sign) ☐ Indeterm ☐ N/A ☐

Pleural Eff.: Absent ☐ Present ☐ Mild <1 cm ☐ Moderate >1 cm <3 cm ☐ Severe >3 cm ☐ Indeterm ☐ N/A ☐

Pericardial Eff. (Racetrack Sign): Absent ☐ Present ☐ Mild <1 cm ☐ Moderate >1 cm <3 cm ☐ Severe >3 cm ☐
Indeterm ☐ N/A ☐

Vet BLUE®: B-lines 0 ☐ 1-3 ☐ >3 ☐ ∞ ☐ Indeterm ☐ N/A ☐ Shred ☐ size_Tissue ☐ size_Nodule ☐ size_Wedge ☐ size_

AFAST® Right Lateral ☐

Diaphragmatico-Hepatic (DH) 0 ☐ *1/2 ☐ 1 ☐ Indeterm ☐ N/A ☐

Spleno-Renal (SR) 0 ☐ *1/2 ☐ 1 ☐ Indeterm ☐ N/A ☐

Cysto-Colic (CC) 0 ☐ *1/2 ☐ 1 ☐ Indeterm ☐ N/A ☐

Spleno-Intestino Umbilical (SIU) 0 ☐ *1/2 ☐ 1 ☐ Indeterm ☐ N/A ☐

***Total Abdominal Fluid Score (AFS) 0-4:** _____ *If positive in standing or sternal as patient status allows, move to either lateral recumbency and WAIT 3-minutes to allow fluid to redistribute before **repeating** AFAST® and **assigning** the AFS.

Focused Spleen: Unremarkable ☐ Abnormal ☐ Indeterm ☐ N/A ☐

***Hepato-Renal 5th Bonus (also do Curtain Sign Right Vet BLUE®):** *0 ☐ 1/2 ☐ 1 ☐ Indeterm ☐ N/A ☐ ***Not part of AFS**

Gallbladder: Unremarkable ☐ Abnormal ☐ _____ Indeterm ☐ N/A ☐

Urinary Bladder: Size > 3cm (difficult to assess) ☐ >3 cm ☐ Unremarkable ☐
Abnormal ☐ _____ Indeterm ☐ N/A ☐

Trigone Region: Unremarkable ☐ Abnormal ☐ _____ Indeterm ☐ N/A ☐

Comments _____

Qualifier: The Global FAST® is a combination ultrasound format that includes AFAST®, TFAST® and Vet BLUE®. Global FAST® is a screening test for free fluid and some soft tissue abnormalities that helps direct resuscitation and diagnostic efforts. Global FAST® is not meant to replace radiography, complete detailed abdominal ultrasound, complete echocardiography, CT or MRI.



gl/GL 7-1-2025

TFAST® Goal-Directed Template

Sonographer _____ Patient Name _____ Date/Time _____ Sedation? Y ☐ N ☐ If yes, type of _____

Patient Positioning: Sternal/standing ☐ Left Lateral ☐ or Right Lateral ☐ or Modified sternal ☐

Pneumothorax? (Best Standing or Sternal Position)

Left CTS: absent ☐ present ☐ indeterm ☐ N/A ☐

Lung Point: upper 1/3 ☐ middle 1/3 ☐ lower 1/3 ☐ indeterm ☐ N/A ☐

Right CTS: absent ☐ present ☐ indeterm ☐ N/A ☐

Lung Point: upper 1/3 ☐ middle 1/3 ☐ lower 1/3 ☐ indeterm ☐ N/A ☐

Pleural Effusion?

Left PCS: absent ☐ present ☐ indeterm ☐ N/A ☐

trivial < 5 mm ☐ mild < 1cm ☐ moderate >1 cm < 2 cm ☐ severe >2 cm ☐

Right PCS: absent ☐ present ☐ indeterm ☐ N/A ☐

trivial < 5 mm ☐ mild < 1cm ☐ moderate >1 cm < 2 cm ☐ severe >2 cm ☐

Pericardial Effusion? absent ☐ present ☐ indeterm ☐ N/A ☐

trivial < 5 mm ☐ mild < 1cm ☐ moderate >1 cm < 2 cm ☐ severe >2 cm ☐

TFAST® RIGHT Pericardial Site (Short axis [SAX], Long axis [LAX]):

Left Ventricular SAX (Mushroom View): Volume (Filling): Unremark ☐ Poor ☐ Indeterm ☐ N/A ☐

Contractility (FS%): Unremark ☐ Poor ☐ Indeterm ☐ N/A ☐

Flattened IVS? Yes ☐ No ☐ Indeterm ☐ N/A ☐

SAX LA:Ao "Mercedes Benz View": Unremark ☐ Obvious Incr. (>2.0 cats/dogs) ☐ Indeterm ☐ N/A ☐

SAX Pulmonary Artery, Mainstem RPM and LPM: Unremark ☐ Incr. PA Size (PA>Ao)? Yes ☐ No ☐ Indeterm ☐

N/A ☐ Heartworms? Yes ☐ No ☐ Indeterm ☐ N/A ☐ Saddle Thrombus? Yes ☐ No ☐ Indeterm ☐ N/A ☐

Other _____

EPIC Guidelines: Performed? Yes ☐ No ☐ LA:Ao (Swedish Method, ≥ 1.6) Yes ☐ No ☐

LVIDdN (Chart) >1.7 Yes ☐ No ☐

LAX RV:LV 4-Chamber (1 o'clock): Unremark ☐ Obvious Incr. (>1:2 dogs/cats) ☐ Indeterm ☐ N/A ☐ Other _____

LAX LVOT/5-Chamber (2 o'clock): Unrem ☐ Abnormal Ao Valves? Yes ☐ No ☐ Mass? Yes ☐ No ☐ Indeterm ☐ N/A ☐

Caudal Vena Cava unremark (BOUNCE) ☐ small (flat) ☐ distended (FAT) ☐ indeterm ☐ N/A ☐

Hepatic Venous Distension unremarkable ☐ distended (Tree Trunk Sign) ☐ indeterm ☐ N/A ☐

EPIC Guidelines LA:Ao (Swedish Method) ≥ 1.6 Yes ☐ No ☐ LVIDdN (Chart) >1.7 Yes ☐ No ☐

Comments _____

KEY: CTS = chest tube site; PCS = pericardial sac; LV = left ventricle, PTX = pneumothorax, LVSA: left ventricular short-axis view, LA:AO aortic to left atrial ratio on short-axis view, RVLV: right ventricular to left ventricular ratio on long-axis view.

Qualifier: The TFAST® exam is an ultrasound screening test used to detect pleural and pericardial effusion, major thoracic wall, lung, and heart abnormalities to better direct resuscitation efforts, detect complications, and manage hospitalized critically ill patients. TFAST® exam is not intended to replace thoracic radiography, or complete detailed echocardiography.

Created by Gregory Lisciandro, DVM, DABVP, DACVECC, CEO of FASTVet.com and Executive Director, International Veterinary Point-of-care Ultrasound Society, IVPOCUS.org



Vet BLUE® Goal-Directed Template

Ask Yourself? Wet vs. Dry? Number of B-lines? Anything off the "Lung Line"? Are you mistaking abdominal contents for lung pathology?

Left **Cd** 0 ☐ 1-3 ☐ >3 ☐ ∞ ☐ Shred ☐ size__ Tissue ☐ size__ Nodule ☐ size__ Wedge ☐ size__
OR indeterminate ☐ not assessed ☐
Ph 0 ☐ 1-3 ☐ >3 ☐ ∞ ☐ Shred ☐ size__ Tissue ☐ size__ Nodule ☐ size__ Wedge ☐ size__
OR indeterminate ☐ not assessed ☐
Md 0 ☐ 1-3 ☐ >3 ☐ ∞ ☐ Shred ☐ size__ Tissue ☐ size__ Nodule ☐ size__ Wedge ☐ size__
OR indeterminate ☐ not assessed ☐
Cr 0 ☐ 1-3 ☐ >3 ☐ ∞ ☐ Shred ☐ size__ Tissue ☐ size__ Nodule ☐ size__ Wedge ☐ size__
OR indeterminate ☐ not assessed ☐

Right **Cd** 0 ☐ 1-3 ☐ >3 ☐ ∞ ☐ Shred ☐ size__ Tissue ☐ size__ Nodule ☐ size__ Wedge ☐ size__
OR indeterminate ☐ not assessed ☐
Ph 0 ☐ 1-3 ☐ >3 ☐ ∞ ☐ Shred ☐ size__ Tissue ☐ size__ Nodule ☐ size__ Wedge ☐ size__
OR indeterminate ☐ not assessed ☐
Md 0 ☐ 1-3 ☐ >3 ☐ ∞ ☐ Shred ☐ size__ Tissue ☐ size__ Nodule ☐ size__ Wedge ☐ size__
OR indeterminate ☐ not assessed ☐
Cr 0 ☐ 1-3 ☐ >3 ☐ ∞ ☐ Shred ☐ size__ Tissue ☐ size__ Nodule ☐ size__ Wedge ☐ size__
OR indeterminate ☐ not assessed ☐

DH 0 ☐ 1-3 ☐ >3 ☐ ∞ ☐ Shred ☐ size__ Tissue ☐ size__ Nodule ☐ size__ Wedge ☐ size__
OR indeterminate ☐ not assessed ☐

KEY: **Sh:** Shred Sign, **Ti:** Tissue Sign, **Nd:** Nodule; **Wdg:** Wedge

Comments & Assessment _____

Qualifier: The Vet BLUE® is a lung ultrasound screening test for many conditions that affect the lung surface such as heart failure, pneumonia, nodular disease, pulmonary embolism/thromboembolism and others to better direct resuscitation efforts, detect complications, and manage hospitalized critically ill patients. Vet BLUE® is not meant to replace thoracic radiography or computed tomography.

Created by Gregory Lisciandro, DVM, DABVP, DACVECC, CEO of FASTVet.com and Executive Director, International Veterinary Point-of-care Ultrasound Society, IVPOCUS.org

