

P600 LFD PROCEDURE PROTOCOL: ULTRASOUND

Indications

FAST is recommended for all trauma patients with hypotension or tachycardia if time allows and strongly encouraged for all trauma patients. Document presence or absence of free fluid.

- Evaluate free fluid in the peritoneal cavity.
- Evaluate for pericardial effusion.
- Evaluate for free fluid in the thorax.
- Evaluate for pneumothorax.
- Confirm cardiac activity.

EMT	AEMT
EMT-I	Paramedic

Contraindications

- None. Do not delay treatment or transport to perform FAST exam.

Procedure

- **RUQ** - Evaluate hepatorenal space (Morrison's pouch), inferior pole of kidney and diaphragm for evidence of hemothorax.
- **LUQ** – Evaluate splenorenal space, inferior pole of kidney, inferior tip of spleen, diaphragm.
- **Cardiac** – Evaluate sub-xiphoid 4-chamber view and/or parasternal long-axis view.
- **Pelvic** – Evaluate outline of bladder, retrouterine space, obtain transverse and longitudinal views.
- **Thorax** – Evaluate bilateral hemi-diaphragm or RUQ and LUQ views. Evaluate 2nd and 4th intercostal space for pneumothorax.
- **CASA** (Cardiac Arrest Sonographic Assessment)
 - CPR takes priority
 - Do not delay CPR while trying to obtain ultrasound
 - During pulse check, record a view of the sub-xiphoid 4-chamber view.
 - Pulse check pause should be less than 10 seconds.
 - Once CPR has resumed review recording for pericardial tamponade and cardiac activity.