

T092 ULTRASOUND FAST EXAM

EMT	AEMT	EMT-I	Paramedic
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Indications

- Evaluation for free fluid in the peritoneal cavity
- Evaluation for pericardial effusion
- Evaluation for free fluid in the thorax
- Evaluation for pneumothorax
- Confirmation of cardiac activity

FAST is strongly encouraged on all trauma patients with hypotension or tachycardia if time allows.

Contraindications

- none

Procedure

- **RUQ**
 - Evaluate hepatorenal space (Morrison's pouch), inferior pole of kidney, 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, retro uterine space, obtain transverse and longitudinal views
- **Thorax**
 - Evaluate bilateral hemi-diaphragms on 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 US views.
 - During Pulse check, record a loop of the sub-xiphoid 4-chamber view.
 - Once CPR has resumed, review the recorded loop and evaluate for pericardial tamponade and cardiac activity.