

**StDavid's HEALTHCARE**  
**Emergency Medicine Services**  
**Criteria for Clinical Ultrasound Privileges**

**Definition:** Ultrasound performed by qualified emergency medicine practitioner in the emergency setting is a focused examination performed at the bedside, in conjunction with the clinical exam, resuscitation or procedure to aid in diagnosis and to facilitate patient management and disposition.

**Qualifications for Clinical Ultrasound Privileges:**

To be granted privileges in the use of ultrasound in the ED Emergency Department Physicians would;

1) Have a letter from a facility where they are currently privileged stating they have unrestricted privileges in ultrasound at that facility

**OR**

2) Have a letter from the program director where they trained attesting to their competency and if possible case logs

**OR**

3) If previously trained but unable to submit a letter confirming training and competency and not currently privileged at another facility; an Emergency Department physician would be required to successfully complete the CEA “short course” in ultrasound training or a similar course with proof of completion.

**OR**

4) If an Emergency Department physician has never had been trained in ultrasound they would be required to successfully complete the CEA “long course” in ultrasound training or a similar course with proof of completion.

<b>DIAGNOSTIC</b>	<b>INDICATIONS - including but not limited to:</b>
FAST	Detection of fluid in peritoneal, pericardial, or pleural space or evaluation for pneumothorax
OB/GYN	Identification of intrauterine pregnancy or evaluation of pelvic organs (transvaginal and transabdominal)
CARDIAC	Detection of pericardial fluid and/or cardiac wall motion
BILIARY	Presence of biliary stones and/or pericholecystic fluid or gallbladder wall thickening.
URINARY TRACT	Evaluation for hydronephrosis or bladder distension
AORTA	Identification of aortic aneurysm or dissection
SOFT TISSUE / OCCULAR	Including but not limited to abscess identification, evaluation of soft tissue mass
EXTREMITY VENOUS	Evaluation of deep venous thrombosis
<b>PROCEDURAL</b>	<b>INDICATIONS - including but not limited to:</b>
PROCEDURAL GUIDANCE	Ultrasound guided procedures, including but not limited to subcutaneous foreign body removal, paracentesis, thoracentesis, or arthrocentesis

<b>Definition of Courses</b>	
<p><b>Short course – Minimum of 2 hours:</b>            The Short Course (refresher course) would include a minimum of 2 hours review of the following:</p> <ol style="list-style-type: none"> <li>Basics of ultrasound physics and the ultrasound machine functionality ('knobology')</li> <li>Didactic, live, and hands-on review of emergency abdominal sonography (Including FAST-e (focused abdominal sonography in trauma- extended)</li> <li>Aorta scan</li> <li>Use of ultrasound to assist with placing central lines</li> </ol>	<p><b>Long course – Minimum of 5 hours:</b>            A more detailed and longer course would include a minimum of 5 hours review of the following:</p> <ol style="list-style-type: none"> <li>In depth review of ultrasound physicians, in particular, common artifacts seen</li> <li>Basic techniques of holding probes and how to orient the probes</li> <li>Ultrasound machine functionality ('knobology')</li> <li>Didactic, live, and hands-on review of emergency abdominal sonography with volunteer models (actual people)</li> <li>Topics to be covered include FAST-e, aorta, ocular and central lines</li> </ol>