

EDPOCUS TIP SHEET

Approved SmartTexts for EDPOCUS Resulting (ASAP)

This Tip Sheet contains the approved SmartTexts for the EDPOCUS resulting workflows.

Each example below is comprised of two sections, *General Text* which contains a screenshot of the SmartText in use, and *SmartLists* which shows the SmartLists each EDPOCUS SmartText contains that must be filled out in order to complete the results.

The following are helpful tips when navigating SmartText:

- ★ To fill out SmartTexts, **press F2** to navigate to the next required field.
- ★ **Blue lists** allow for **multiple selections** (*list is blue, pick a few*).
- ★ **Yellow SmartLists** allow for **only one choice**. (*list is yellow, single fellow*)
- ★ Left-click to make list selections (*left-click to pick*)
- ★ Right-click to insert selections into results (*right-click to stick*)
- ★ *** (Wildcards) are required fields for free text responses.

Ctrl+click the links below to jump to a specific SmartText within this document.

1. [Abscess](#)
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I: ABSCESS

GENERAL TEXT

Ultrasound guidance: Abscess Drainage (CPT: 76942-26)

{ED POCUS ABSCESS GUIDANCE:160120646} for drainage of an abscess.

Indication: {ED POCUS ABSCESS INDICATIONS:160120647}}

Location:

Specify the site: {ED POCUS ABSCESS PROC SIDE:160120648} ***

Limitations: None.

Complications:

{ED POCUS ABSCESS PROC COMPLICATIONS:160120649}

Please also see separate abscess drainage procedure note.

The point of care ultrasound completed in the Emergency Department was done during the following procedure(s): ***

Interpreted by: James L Larson, MD

SMARTLISTS



ED POCUS ABSCESS GUIDANCE (160120646)

- Ultrasound static-guidance was used
- Ultrasound dynamic-guidance was used



ED POCUS ABSCESS INDICATIONS (160120647)

- Soft tissue pain
- Swelling
- Fever
- Redness



ED POCUS ABSCESS PROC SIDE (160120648)

- Right
- Left



ED POCUS ABSCESS PROC COMPLICATIONS (160120649)

- None
- Other: ***

2: AORTA

GENERAL TEXT

Limited Aorta Ultrasound

Indication:

A focused ultrasound exam of the aorta was performed to evaluate for abdominal aortic aneurysm (AAA) in the patient. The ultrasound was performed with the following indications, as noted in the H&P: {ED POCUS AORTA INDICATIONS:160120650}

Identified structures:

The abdominal aorta was examined in both transverse and longitudinal, from the diaphragmatic hiatus to the aortic bifurcation.

Findings:

Exam of the above structures revealed the following findings:

Proximal Aorta, maximum diameter (outside to outside wall, in centimeters): ***

Distal Aorta, maximum diameter (outside to outside wall, in centimeters): ***

Aorta, tapering: {ED POCUS AORTA TAPERING:160120651}

Abdominal Aortic Aneurysm: {ED POCUS AORTA ANEURYSM:160120652}

If present: {ED POCUS AORTA ANEURYSM PRESENT:160120653}

Other: ***

Impression:

{ED POCUS AORTA IMPRESSION:160120654}

Interpreted by: James L Larson, MD

SMARTLISTS



ED POCUS AORTA INDICATIONS (160120650)

- Abdominal pain
- Back pain
- Chest pain
- Pulsatile abdominal mass
- Hypotension
- Syncope
- Other risk factors for AAA as noted in the H&P



ED POCUS AORTA TAPERING (160120651)

- Normal
- Abnormal



ED POCUS AORTA ANEURYSM (160120652)

- Absent
- Present



ED POCUS AORTA ANEURYSM PRESENT (160120653)

- Infrarenal
- Suprarenal
- Both



ED POCUS AORTA IMPRESSION (160120654)

- Normal abdominal aorta exam, no aneurysm
- Abdominal aortic aneurysm
- Other ***

3: APPENDICITIS

GENERAL TEXT

Limited Appendix Ultrasound (CPT: 76705-26)

Indication:

A focused ultrasound exam of the right lower quadrant was performed to evaluate for appendicitis. The ultrasound was performed with the following indications, as noted in the H&P: {ED POCUS APPY INDICATIONS:160120655}

Identified structures:

The right lower quadrant was examined using a high frequency linear probe.

Findings:

Exam of the above structures revealed the following findings: {ED POCUS APPY FINDINGS:160120656}

Other findings: ***

Limitations: None.

Impression: {ED POCUS APPY IMPRESSION:160120657}

Other: ***

Interpreted by: James L Larson, MD

SMARTLISTS



ED POCUS APPY INDICATIONS (160120655)

- Right lower quadrant abdominal pain
- Abdominal distention
- Fever
- Other indications as noted in the H&P



ED POCUS APPY FINDINGS (160120656)

- Normal visualized appendix
- Non-visualized appendix
- Dilated, non-compressible, non-peristaltic appendix, diameter measured as: ***
- Free fluid
- Abscess, abdominal



ED POCUS APPY IMPRESSION (160120657)

- Normal visualized appendix
- Non-visualized appendix, no secondary sign of inflammation
- Acute appendicitis by ultrasound

4: ARTHROCENTESIS

GENERAL TEXT

Ultrasound guidance: Arthrocentesis (CPT: 76942-26)

Indication: {ED POCUS ARTHROCENTESIS INDICATIONS:160120658}

Location:

Specify the site: {ED POCUS ABSCESS PROC SIDE:160120648} ***

Limitations: None

Complications: {ED POCUS ABSCESS PROC COMPLICATIONS:160120649}

Please also see separate arthrocentesis procedure note.

The point of care ultrasound completed in the Emergency Department was done during the following procedure(s): ***

Interpreted by: James L Larson, MD

SMARTLISTS



ED POCUS ARTHROCENTESIS INDICATIONS (160120658)

- Joint pain
- Joint swelling
- Fever
- Extremity redness



ED POCUS ABSCESS PROC SIDE (160120648)

- Right
- Left



ED POCUS ABSCESS PROC COMPLICATIONS (160120649)

- None
- Other: ***

5: BILIARY

GENERAL TEXT

Indication:

A focused ultrasound exam of the gallbladder and right upper quadrant was performed to evaluate for gallstones, cholecystitis, and cholestasis in this patient. The ultrasound was performed with the following indications, as noted in the H&P: {ED POCUS BILIARY INDICATIONS:48392}

Identified structures:

The gallbladder, gallbladder wall, common bile duct, liver, and porta hepatis were examined.

Findings:

Exam of the above structures revealed the following findings:

Gallstones: {EDPOCUS BILIARY GALLSTONE:48393}
Sludge: {EDPOCUS BILIARY SLUDGE:48394}
Sonographic Murphy: {EDPOCUS BILIARY MURPHY:48395}
Pericholecystic fluid: {EDPOCUS BILIARY FLUID:48396}
Intrahepatic cholestasis: {EDPOCUS BILIARY IHC:48397}
GB wall thickness: {EDPOCUS BILIARY GBWT:48398}
 Maximal GB wall thickness in transverse plane: *** millimeters
Common bile duct diameter: {EDPOCUS BILIARY CBD:48399}
 CBD diameter: *** millimeters

Other findings: ***

Limitations: None.

Impression: {EDPOCUS BILIARY IMPRESSION:48400}

Other: ***

Interpreted by: Sarah A Stahmer, MD

SMARTLISTS

ED POCUS Biliary Indications (44262)

- Abdominal Pain
- Nausea/vomiting
- Flank Pain
- Fever
- Jaundice
- Pancreatitis
- Other Indications as noted in H&P

ED POCUS Biliary Gallstone (44263), ED POCUS Biliary Sludge (44264), ED POCUS Biliary Murphy (44265), ED POCUS Biliary Fluid (44266), ED POCUS Biliary IHC (44267)

- Absent
- Present
- Indeterminate

ED POCUS Biliary GBWT (44268)

- Normal
- Abnormal

EDPOCUS BILIARY CBD (44269)

- Normal
- Abnormal
- Indeterminate

EDPOCUS Biliary Impression (44270)

- Normal Gallbladder Ultrasound
- Cholelithiasis
- Choledocholithiasis

6: BLADDER

GENERAL TEXT

Limited Bladder Ultrasound (CPT 76857-26)

Indication:

A focused ultrasound exam of the urinary bladder was performed to evaluate for urinary retention and/or bladder volume assessment.

The ultrasound was performed with the following indications, as noted in the H&P: {EDPOCUSBLADDER:48401}

Identified structures:

The urinary bladder was examined in both transverse and sagittal planes.

Findings:

Exam of the urinary bladder revealed the following findings:

Estimated volume of urine (ml): ***

Bladder width (cm):

Bladder depth (cm):

Bladder height (cm):

Other findings:

Impression:

{EDPOCUS BLADDER IMPRESSION:48402}

Interpreted by: Sarah A Stahmer, MD

SMARTLISTS



EDPOCUSBLADDER (44271)

- Abdominal Pain
- Abdominal distention
- Decreased urine output
- Other indications as noted in the H&P



EDPOCUS BLADDER IMPRESSION (44272)

- Normal limited bladder ultrasound
- Urinary retention
- Empty Bladder
- Other

7: CENTRAL LINE

GENERAL TEXT

Ultrasound guidance: Central Venous Line

Ultrasound dynamic-guidance used

Indication(s):

{ED POCUS CVL INDICATIONS:160120659}

Location:

{ED POCUS CVL LOCATION:160120660}

Is the vessel patent?: {ED POCUS OB UTERUS:160120622}

Complications:

{ED POCUS ABSCESS PROC COMPLICATIONS:160120649}

The point of care ultrasound completed in the Emergency Department was done during the following procedure(s): ***

Interpreted by: James L Larson, MD

SMARTLISTS



ED POCUS CVL INDICATIONS (160120659)

- Failed or difficult IV access
- Vasopressors
- Other: ***



ED POCUS CVL LOCATION (160120660)

- Right
- Left
- Internal jugular
- Femoral
- Other: ***



ED POCUS OB UTERUS (160120622)

- Yes
- No



ED POCUS ABSCESS PROC COMPLICATIONS (160120649)

- None
- Other: ***

8: CARDIAC US

GENERAL TEXT

Limited Cardiac Ultrasound (CPT 93308-26)

Indication:

A focused ultrasound exam of the heart was performed to evaluate for pericardial effusion, tamponade, severe hypovolemia, or gross abnormalities of cardiac anatomy or function in this patient. The ultrasound was performed with the following indications, as noted in the H&P: {POCUS CARDIAC INDICATIONS:16044956}

Identified structures:

The pericardial sac, myocardium, and 4 chambers were identified using the following views: {POCUS CARDIAC VIEWS:16044957}

Findings:

Exam of the above structures revealed the following findings:

Pericardial effusion: {POCUS CARDIAC EFFUSION:16044958}
Pericardial tamponade: {POCUS CARDIAC TAMPONADE:16044960}
Global LV function: {POCUS CARDIAC LV DYSFUNCTION:16044962}
Right ventricular size: {POCUS CARDIAC RV:16044963}
Signs of RV strain: {POCUS CARDIAC RV STRAIN:16048451}
IVC: {POCUS CARDIAC IVC:16044964}

Other findings: ***

Limitations: None.

Impression:

{POCUS CARDIAC IMPRESSION:16044965}

Other: ***

Interpreted by: @MECRED@

SMARTLISTS



POCUS CARDIAC INDICATIONS (16044956)

- Chest pain
- Dyspnea
- Syncope
- Hypotension
- Concern for effusion
- Cardiac arrest
- Trauma, chest wall injury
- Other indications as noted in the H&P



POCUS CARDIAC VIEWS (16044957)

- subxiphoid
- parasternal long axis
- parasternal short axis
- apical 4-chamber
- IVC (long axis)



POCUS CARDIAC EFFUSION (16044958)

- Absent
- Present: 16044959



POCUS CARDIAC EFFUSION SIZE (16044959)

- with a SMALL effusion
- with a MODERATE effusion
- with a LARGE effusion
- N/A



POCUS CARDIAC TAMPONADE (16044960)

- N/A
- IVC plethoric
- Right ventricular collapse
- Right atrial collapse
- Excessive mitral inflow variation



POCUS CARDIAC LV DYSFUNCTION (16044962)

- Normal
- Hyperdynamic
- Reduced
- Severely reduced
- Asystole



POCUS CARDIAC RV (16044963)

- Normal
- Dilated
- N/A



POCUS CARDIAC RV STRAIN (16048451)

- N/A
- RV hypokinesis
- Paradoxical septal motion
- McConnell's Sign
- Tricuspid regurgitation
- RV hypertrophy



POCUS CARDIAC IVC (16044964)

- Normal
- Dilated
- Collapsed: 16048452
- N/A



POCUS CARDIAC IVC COLLAPSE (16048452)

- > 50%
- < 50%
- N/A



POCUS CARDIAC IMPRESSION (16044965)

- No sonographic evidence of significant cardiac dysfunction
- No sonographic evidence of significant pericardial effusion
- Normal RV
- No sonographic evidence of volume depletion
- Sonographic findings suggestive of volume depletion
- Pericardial effusion: 16044959
- Pericardial effusion with evidence of pericardial tamponade
- Global ventricular function: 16048453



POCUS CARDIAC EFFUSION SIZE (16044959)

- with a SMALL EFFUSION
- with a MODERATE effusion
- with a LARGE effusion
- N/A



POCUS CARDIAC IMPRESSION GLOBAL VENTRICULAR FUNCTI (16048453)

- Hyperdynamic
- Reduced
- Severely reduced
- No cardiac activity
- N/A

9: DVT

GENERAL TEXT

Limited Lower Extremity Venous Compression Exam (CPT: 93971-26 or 93970-26)

Indications:

Limited compression ultrasound of the: {EDPOCUS DVT SIDE:44274} lower extremity was performed to evaluate for non-compressibility of the common femoral vein (CFV), superficial femoral vein (SFV), and/or popliteal vein (PV) in the patient. The ultrasound was performed with the following indications, as noted in the H&P:
{EDPOCUS DVT INDICATIONS:44275}

Identified structures:

{EDPOCUS DVT SIDE:44274} CFV, SFV, and PV were examined.

Findings: Exam of the above structures revealed the following findings:

Right CFV: {EDPOCUS DVT GOOD BAD COMPRESS:44277}
Right SFV: {EDPOCUS DVT GOOD BAD COMPRESS:44277}
Right Popliteal vein: {EDPOCUS DVT GOOD BAD COMPRESS:44277}
Left CFV: {EDPOCUS DVT GOOD BAD COMPRESS:44277}
Left SFV: {EDPOCUS DVT GOOD BAD COMPRESS:44277}
Left Popliteal vein: {EDPOCUS DVT GOOD BAD COMPRESS:44277}
Other:

Impression:

{EDPOCUS DVT IMPRESSION:44278}

Interpreted by: James L Larson, MD

SMARTLISTS



EDPOCUS DVT SIDE (44274)

- Right
- Left
- Both



EDPOCUS DVT INDICATIONS (44275)

- Lower Extremity pain
- Lower extremity swelling
- Chest Pain
- Dyspnea
- Tachypnea
- Other indications as noted in the H&P



EDPOCUS DVT SIDE (44274)

- Right
- Left
- Both



EDPOCUS DVT GOOD BAD COMPRESS (44277)

- Good compressibility
- Non-compressible



EDPOCUS DVT IMPRESSION (44278)

- Normal: POCUS DVT SIDE:44274 lower extremity venous compression limited ultrasound, no DVT
- DVT, site (s)
- Other
- Patient recommended to have repeat ultrasound in 5-7 days

I0: FAST

GENERAL TEXT

Limited Focused Assessment with Sonography for Trauma (FAST) Ultrasound (CPT: 76705-26 (abdomen) + 93308-26 (cardiac) + 76604-26 (chest))

Indication:

A focused ultrasound exam of the peritoneal space (including the following areas sub-phrenic, Morison's pouch, splenorenal, superior colic gutters, and retro-vesicular), pericardial space, and pleural spaces was performed to evaluate for free fluid. The ultrasound was performed with the following indications, as noted in the H&P: {EDPOCUS FAST INDICATIONS:44286}

Identified structures:

The heart, diaphragms, liver, spleen, kidneys, and bladder were identified and the spaces noted above were examined.

Findings:

Exam of the above structures revealed the following findings in the peritoneal, pericardial, and pleural spaces:

Evaluation for free fluid in:

Morison's pouch: {EDPOCUS FAST RUQ:44289}

Splenorenal fossa: {EDPOCUS FAST LUQ:44290}

Retrovesicular space: {EDPOCUS FAST SP:44297}

Pericardial space: {EDPOCUS FAST CARDIAC:44298}

Evidence of pericardial tamponade: {EDPOCUS FAST TAMPONADE:44299}

Pleural space: {EDPOCUS FAST LUNG:44300}

If pleural fluid is present, which side: {EDPOCUS FAST LUNG SIDE:44301}

Other findings: ***

Limitations: None.

Impression:

{EDPOCUS FAST DX:44302}

Other: ***

Interpreted by: James L Larson, MD

SMARTLISTS



EDPOCUS FAST INDICATIONS (44286)

- Blunt abdominal trauma
- Penetrating abdominal trauma
- Abdominal pain
- Chest Pain
- Hypotension
- Tachycardia
- Dyspnea
- Other indications as noted in the H&P



EDPOCUS FAST RUQ (44289), EDPOCUS FAST LUQ (44290), EDPOCUS FAST SP (44297), EDPOCUS FAST CARDIAC (44298)

- Absent
- Present
- Indeterminate



EDPOCUS FAST TAMPONADE (44299)

- Absent
- Present



EDPOCUS FAST LUNG (44300)

- Absent
- Present
- Indeterminate



EDPOCUS FAST LUNG SIDE (44301)

- Right
- Left
- Not Applicable



EDPOCUS FAST DX (44302)

- No pathologic free fluid
- Hemoperitoneum
- Hemopericardium
- Cardiac tamponade
- Hemothorax

II: GUIDANCE FOREIGN BODY

GENERAL TEXT

Ultrasound Guidance: Foreign Body

Indication:

A focused ultrasound of soft tissue was performed to evaluate for foreign body. The ultrasound was performed with the following indications, as noted in the H&P: {ED POCUS FB GUIDANCE:160120661}

Identified structures:

Precise location of the soft tissue evaluation: ***

Findings: Exam of the above structures revealed the following findings:

Foreign body: {ED POCUS FB YES NO:160120662}

Other: ***

Impression:

{ED POCUS FB IMPRESSION:160120663}

The point of care ultrasound completed in the Emergency Department was done during the following procedure(s): ***

Interpreted by: James L Larson, MD

SMARTLISTS



ED POCUS FB GUIDANCE (160120661)

- Soft tissue pain
- Soft tissue swelling
- Soft tissue redness
- Fever
- History of foreign body
- Other indications as noted in the H&P



ED POCUS FB YES NO (160120662)

- Absent
- Present: Size (cm) ***



ED POCUS FB IMPRESSION (160120663)

- Normal limited soft tissue ultrasound, no foreign body
- Successful removal of foreign body in soft tissue
- Unsuccessful removal of foreign body in soft tissue
- Other: ***

I2: LUNG

GENERAL TEXT

Limited Thoracic Ultrasound

Indication:

A focused ultrasound of the pleural spaces was performed to evaluate for pneumothorax or pulmonary edema. The ultrasound was performed with the following indications, as noted in the H&P:
{ED POCUS LUNG INDICATION:160120633}

Identified structures:

The thoracic cavities and diaphragm were examined.

Findings:

Exam of the above structures revealed the following findings in the pleural spaces:

Evaluation of pneumothorax: {ED POCUS LUNG FINDINGS PTX:160120634}

Comet tails: {ED POCUS LUNG FINDINGS PTX:160120634}

Pleural effusion: {ED POCUS LUNG FINDINGS PTX:160120634}

Other: ***

Impression:

{ED POCUS LUNG IMPRESSION:160120636}

Interpreted by: James L Larson, MD

SMARTLISTS



ED POCUS LUNG INDICATION (160120633)

- Dyspnea
- Chest Pain
- Pleurisy
- Hypoxia
- Hypotension
- Blunt thoracic trauma
- Penetrating thoracic trauma
- Other indications as noted in the H&P



ED POCUS LUNG FINDINGS PTX (160120634)

- Absent
- Present: 160120635



ED POCUS LUNG FINDINGS PTX PRESENT (160120635)

- Left
- Right



ED POCUS LUNG IMPRESSION (160120636)

- Normal thoracic evaluation, no pneumothorax or edema
- Pneumothorax
- Pleural effusion
- Other: ***

I3: MUSCULOSKELETAL

GENERAL TEXT

Limited Musculoskeletal Ultrasound

Indication:

A focused ultrasound of soft tissue was performed to evaluate for musculoskeletal abnormality including joint effusion, tendon injury, ligament injury, muscle injury, or fractured bone. The ultrasound was performed with the following indications, as noted in the H&P:

{ED POCUS MSK INDICATION:160120627}

Identified structures: ***

Findings: Exam of the above structure(s) revealed the following findings:

Joint effusion: {ED POCUS MSK FINDINGS JOINT:160120628}

Tendon injury: {ED POCUS MSK FINDINGS TENDON:160120629}

Fractured bone: {ED POCUS MSK FINDINGS FRACTURED BONE:160120630}

Muscle injury: {ED POCUS MSK FINDINGS MUSCLE INJURY:160120631}

Other: ***

Impression:

{ED POCUS MSK IMPRESSION:160120632}

Interpreted by: James L Larson, MD

SMARTLISTS

ED POCUS MSK INDICATION (160120627)

- Soft tissue or bone pain
- Soft tissue swelling
- Soft tissue redness
- Fever
- Deformity
- Decreased range of motion
- Other clinical symptoms/signs of musculoskeletal pathology as noted in H&P

ED POCUS MSK FINDINGS JOINT (160120628)

- Absent
- Present: Detail: ***

ED POCUS MSK FINDINGS TENDON (160120629)

- Absent
- Present: Detail: ***

ED POCUS MSK FINDINGS FRACTURED BONE (160120630)

- Absent
- Present: Detail: ***

ED POCUS MSK FINDINGS MUSCLE INJURY (160120631)

- Absent
- Present: Detail ***

ED POCUS MSK IMPRESSION (160120632)

- No sonographic evidence of musculoskeletal abnormality
- Joint effusion: Detail ***
- Tendon injury: Detail ***
- Fractured bone: Detail ***
- Muscle injury: Detail ***
- Other: ***

I4: OB

GENERAL TEXT

Limited Obstetric Ultrasound

Indication:

A focused ultrasound exam of the pelvis using a: {ED POCUS OB PROBE:160120619} approach, was performed to evaluate for intra-uterine pregnancy (IUP) versus signs of ectopic pregnancy in the patient. The ultrasound was performed with the following indications, as noted in the H&P, in a patient with a positive pregnancy test and the following: {ED POCUS OB INDICATION:160120620}

Identified structures:

{ED POCUS OB IDENTIFIED STRUCTURES:160120621}

Findings: Exam of the above structures revealed the following findings:

Uterus: Definitive IUP: {ED POCUS OB UTERUS:160120622}

Adnexa: {ED POCUS OB ADNEXA:160120623}

Free fluid in Cul de sac: {ED POCUS OB FREE FLUID CUL DE SAC:160120625}

Estimated gestational age by:

Crown Rump Length: *** weeks *** days

Bi-parietal diameter: *** weeks *** days

Femur length: *** weeks *** days

Fetal Heart Rate (beats/min): ***

Other findings: ***

Impression: {ED POCUS OB IMPRESSION:160120626}

Interpreted by: James L Larson, MD

SMARTLISTS



ED POCUS OB PROBE (160120619)

- Transabdominal
- Transvaginal



ED POCUS OB INDICATION (160120620)

- Vaginal Bleeding
- Pelvic or abdominal pain
- Syncope
- Back pain
- Trauma
- Other indications as noted in the H&P



ED POCUS OB IDENTIFIED STRUCTURES (160120621)

- Uterus & Pouch of Douglas
- Right and left adnexae



ED POCUS OB UTERUS (160120622)

- Yes
- No



ED POCUS OB ADNEXA (160120623)

- Normal
- Abnormal



ED POCUS OB FREE FLUID CUL DE SAC (160120625)

- Absent
- Present
- 160120624



ED POCUS OB FREE FLUID PRESENT (160120624)

- Small
- Moderate
- Large



ED POCUS OB IMPRESSION (160120626)

- IUP
- No Definitive IUP
- Ectopic pregnancy
- Other: ***

I5: PARACENTESIS

GENERAL TEXT

Ultrasound guidance: Paracentesis

{ED POCUS PARACENTESIS:160120664}

Indication(s):

{ED POCUS PARACENTESIS INDICATIONS:160120665}

Location:

Specify the site: ***

Complications:

{ED POCUS COMPLICATIONS:160120666}

Please also see separate paracentesis procedure note.

The point of care ultrasound completed in the Emergency Department was done during the following procedure(s): ***

Interpreted by: James L Larson, MD

SMARTLISTS



ED POCUS PARACENTESIS (160120664)

- Ultrasound static-guidance was used
- Ultrasound dynamic-guidance was used



ED POCUS PARACENTESIS INDICATIONS (160120665)

- Abdominal pain
- Distention
- Dyspnea
- Fever
- Other: ***



ED POCUS COMPLICATIONS (160120666)

- None
- Other: ***

I6: PERICARDIOCENTESIS

GENERAL TEXT

Ultrasound guidance: Pericardiocentesis

{ED POCUS PERICARDIOCENTESIS:160120667}

Indication(s):

{ED POCUS PERICARDIOCENTESIS INDICATIONS:160120668}

View obtained:

{ED POCUS PERICARDIOCENTESIS VIEW:160120669}

Pericardiocentesis approach:

{ED POCUS PERICARDIOCENTESIS APPROACH:160120670}

The procedure was: {ED POCUS SUCCESS UNSUCCESS:160120671}

Complications:

{ED POCUS COMPLICATIONS:160120666}

Please also see separate pericardiocentesis procedure note.

The point of care ultrasound completed in the Emergency Department was done during the following procedure(s): ***

Interpreted by: James L Larson, MD

SMARTLISTS



ED POCUS PERICARDIOCENTESIS (160120667)

- Ultrasound static-guidance was used
- Ultrasound dynamic-guidance was used



ED POCUS PERICARDIOCENTESIS INDICATIONS (160120668)

- Chest Pain
- Shortness of breath
- Syncope
- Hypotension
- EKG suggestive of pericarditis
- Cardiac arrest
- Other indications as noted in the H&P



ED POCUS PERICARDIOCENTESIS VIEW (160120669)

- Subxiphoid
- Parasternal long – axis
- Parasternal short – axis
- Apical 4-chamber



ED POCUS PERICARDIOCENTESIS APPROACH (160120670)

- Subxiphoid: 160120671
- Lateral intercostal: 160120671



ED POCUS SUCCESS UNSUCCESS (160120671)

- Successful
- Unsuccessful



ED POCUS COMPLICATIONS (160120666)

- None
- Other: ***

I7: PERIPHERAL IV

GENERAL TEXT

Ultrasound-Guided Peripheral IV Placement (CPT 76937-26 and 36410)

Indication: Failed/difficult IV access

Location: {ED POCUS PIV LOCATION:160120616}

Is the selected vessel patent?: {ED POCUS OB UTERUS:160120622}

Catheter gauge: {ED POCUS PIV GAUGE:160120617}

Catheter length: ***.

Limitations: None.

Complications: {ED POCUS PIV COMPLICATIONS:160120618}

Interpreted by: James L Larson, MD

SMARTLISTS



ED POCUS PIV LOCATION (160120616)

- Antecubital
- Basilic
- Brachial
- ***



ED POCUS OB UTERUS (160120622)

- Yes
- No



ED POCUS PIV GAUGE (160120617)

- 16
- 18
- 20
- ***



ED POCUS PIV COMPLICATIONS (160120618)

- None
- ***

I8: QUALITY ASSURANCE

GENERAL TEXT

Quality Assurance

After review of the point-of-care ultrasound performed in this case I assess the overall image quality as: {Image quality:1600020002}

The accuracy of interpretation of images as presented reflects a {Accuracy of interpretation:1600020003}

This study {DOES /DOES NOT:25409} meet minimum criteria for credentialing and billing.

James L Larson, MD

SMARTLISTS



IMAGE QUALITY (1600020002)

- No recognizable structures, no objective data can be gathered
- Minimally recognizable structures but insufficient for diagnosis
- Minimal criteria met for diagnosis, recognizable structures but with some technical or other flaws
- Minimal criteria met for diagnosis, all structures imaged well and diagnosis easily supported
- Minimal criteria met for diagnosis, all structures imaged with excellent image quality and diagnosis completely supported



ACCURACY OF INTERPRETATION (1600020003)

- True positive
- True negative
- False positive
- False negative
- Technically limited study



DOES /DOES NOT (25409)

- Does
- Does not
- ***

I9: RENAL

GENERAL TEXT

Limited Renal Ultrasound (CPT:76775-26)

Indication:

A focused ultrasound of the kidneys was performed to evaluate for hydronephrosis and nephrolithiasis. The ultrasound was performed with the following indications, as noted in the H&P: {ED POCUS Renal Indications:160120605}

Identified structures:

{ED POCUS RENAL STRUCTURES:160120606}

Findings:

Exam of the above structures revealed the following findings:

Hydronephrosis: {ED POCUS Renal Hydro Yes No:160120607}

 If present: {ED POCUS RENAL HYDRO IF PRESENT L/R:160120608}

 If present: {ED POCUS RENAL HYDRO IF PRESENT GRADE:160120609}

Intrarenal Calculi: {ED POCUS RENAL INTRARENAL CALCULI YES/NO:160120610}

 If present: {ED POCUS RENAL INTRARENAL CALCULI IF PRESENT:160120611}

Ureteral Calculi: {ED POCUS RENAL URETERAL CALCULI YES/NO:160120612}

 If present: {ED POCUS RENAL URETERAL CALCULI IF PRESENT:160120613}

Vesicular Calculi: {ED POCUS RENAL VESICULAR CALCULI:160120614}

Other findings: ***

Limitations: None.

Impression:

{ED POCUS RENAL IMPRESSION:160120615}

Other: ***

Interpreted by: James L Larson, MD

SMARTLISTS

ED POCUS Renal Indications (160120605)

- Abdominal or flank pain
- Back pain
- Groin pain
- Hematuria
- Acute renal failure
- Anuria
- Other indications as noted in the H&P

ED POCUS RENAL STRUCTURES (160120606)

- Right kidney
- Left kidney
- Bladder

ED POCUS Renal Hydro Yes No (160120607)

- Absent
- Present

ED POCUS RENAL HYDRO IF PRESENT L/R (160120608)

- Left
- Right
- Both

ED POCUS RENAL HYDRO IF PRESENT GRADE (160120609)

- Grade 1
- Grade 2
- Grade 3

ED POCUS RENAL INTRARENAL CALCULI YES/NO (160120610)

- Absent
- Present

ED POCUS RENAL INTRARENAL CALCULI IF PRESENT (160120611)

- Left
- Right
- Both

ED POCUS RENAL URETERAL CALCULI YES/NO (160120612)

- Absent
- Present

ED POCUS RENAL URETERAL CALCULI IF PRESENT (160120613)

- Left
- Right
- Both



ED POCUS RENAL VESICULAR CALCULI (160120614)

- Absent
- Present



ED POCUS RENAL IMPRESSION (160120615)

- Normal limited renal ultrasound, no evidence of hydronephrosis or calculi
- Hydronephrosis
- Nephrolithiasis
- Other ***

20: RUSH

GENERAL TEXT

Rapid Ultrasound for Shock and Hypotension (RUSH) (CPT: 76705-26 (abdomen) + 93308-26 (cardiac/IVC) + 76604-26 (chest) +/- 76775-26(aorta)

Indication:

A focused ultrasound exam of the peritoneal space (including one of more the following areas: sub-phrenic, Morison's pouch, splenorenal, superior colic gutters, and retro-vesicular), pericardial space/IVC, pleural spaces, and/or aorta was performed to evaluate for internal blood loss, pericardial effusion, RV/LV systolic function, volume status, intrathoracic pathology, and/or large vessel pathology. The ultrasound was performed with the following indications, as noted in the H&P: {POCUS RUSH INDICATIONS:16049002}

Identified structures:

PUMP: heart ({POCUS CARDIAC VIEWS:16044957})

TANK (intravascular): abdominal and thoracic spaces

PIPES: abdominal aorta (both transverse and longitudinal, from the diaphragmatic hiatus to the aortic bifurcation)

Findings:

Exam of the above structures revealed the following findings::

PUMP (heart & IVC)

Pericardiac effusion: {POCUS CARDIAC EFFUSION:16044958}

Pericardial tamponade: {POCUS CARDIAC TAMPONADE:16044960}

Global LV function: {POCUS CARDIAC LV DYSFUNCTION:16044962}

Right ventricular size: {POCUS CARDIAC RV:16044963}

Signs of RV strain: {POCUS CARDIAC RV STRAIN:16048451}

IVC: {POCUS CARDIAC IVC:16044964}

TANK (abdomen & thoracic spaces)

Evaluation for free fluid in:

Morison's pouch: {POCUS ABSENT PRESENT INDETER NA:16044969}

Splenorenal fossa: {POCUS ABSENT PRESENT INDETER NA:16044969}

Retrovesicular space: {POCUS ABSENT PRESENT INDETER NA:16044969}

Pleural space: {POCUS ABSENT PRESENT INDETER:16044972}

If pleural fluid is present, which side: {POCUS RIGHT LEFT NA:16044973}

Evaluation of pneumothorax: {POCUS LUNG FINDINGS PTX:16045007}

B-Lines (Comet tails): {POCUS LUNG FINDINGS PTX:16045007}

PIPES (abdominal aorta)

Proximal Aorta, maximum diameter (outside to outside wall, in centimeters): ***

Distal Aorta, maximum diameter (outside to outside wall, in centimeters): ***

Aorta, tapering: {POCUS NORMAL ABNORMAL:16044981}

Abdominal Aortic Aneurysm: {POCUS ABSENT PRESENT:16044982}

If present: {POCUS AORTA ANEURYSM PRESENT:16044983}

Other findings: ***

Limitations: None.

Impression:

PUMP

{POCUS CARDIAC IMPRESSION:16044965}

TANK

{POCUS RUSH DX:16049001}

{POCUS LUNG IMPRESSION:16045010}

PIPES

{POCUS AORTA IMPRESSION:16045011}

SMARTLISTS



POCUS RUSH INDICATIONS (16049002)

- undifferentiated shock
- undifferentiated dyspnea
- other indications as noted in the H&P



POCUS CARDIAC VIEWS (16044957)

- subxiphoid
- parasternal long axis
- parasternal short axis
- apical 4-chamber
- IVC (long axis)



POCUS CARDIAC EFFUSION (16044958)

- Absent
- Present: 16044959



POCUS CARDIAC EFFUSION SIZE (16044959)

- with a SMALL effusion
- with a MODERATE effusion
- with a LARGE effusion
- N/A



POCUS CARDIAC TAMPONADE (16044960)

- N/A
- IVC plethoric
- Right ventricular collapse
- Right atrial collapse
- Excessive mitral inflow variation



POCUS CARDIAC LV DYSFUNCTION (16044962)

- Normal
- Hyperdynamic
- Reduced
- Severely reduced
- Asystole



POCUS CARDIAC RV (16044963)

- Normal
- Dilated
- N/A

 **POCUS CARDIAC RV STRAIN (16048451)**

- N/A
- RV hypokinesis
- Paradoxical septal motion
- McConnell's Sign
- Tricuspid regurgitation
- RV hypertrophy

 **POCUS CARDIAC IVC (16044964)**

- Normal
- Dilated
- Collapsed: 16048452
- N/A

 **POCUS CARDIAC IVC COLLAPSE (16048452)**

- >50%
- <50%
- N/A

 **POCUS ABSENT PRESENT INDETER NA (16044969)**

- Absent
- Present
- Indeterminate
- N/A

 **POCUS FAST LUNG (16044972)**

- Absent
- Present
- Indeterminate

 **POCUS ABSENT PRESENT INDET (16044973)**

- Right
- Left
- Not applicable

 **POCUS LUNG FINDINGS PTX (16045007)**

- Absent
- Present: 16045008

 **POCUS LEFT RIGHT BILATERAL (16045008)**

- Left
- Right
- Bilateral

 **POCUS NORMAL ABNORMAL (16044981)**

- Normal
- Abnormal



POCUS ABSENT PRESENT (16044982)

- Absent
- Present



POCUS AORTA ANEURYSM PRESENT (16044983)

- N/A
- Infrarenal
- Sprarenal
- Both



POCUS CARDIAC IMPRESSION (16044965)

- No sonographic evidence of significant cardiac dysfunction
- No sonographic evidence of significant pericardial effusion
- Normal RV
- No sonographic evidence of volume depletion
- Sonographic findings suggestive of volume depletion
- Pericardial effusion: 16044959
- Pericardial effusion with evidence of pericardial tamponade
- Global ventricular function: 16048453



POCUS CARDIAC EFFUSION SIZE (16044959)

- with a SMALL EFFUSION
- with a MODERATE effusion
- with a LARGE effusion
- N/A



POCUS CARDIAC IMPRESSION GLOBAL VENTRICULAR FUNCTI (16048453)

- Hyperdynamic
- Reduced
- Severely reduced
- No cardiac activity
- N/A



POCUS RUSH DX (16049001)

- No pathologic free fluid
- Hemoperitoneum
- Hemothorax



POCUS LUNG IMPRESSION (16045010)

- Normal thoracic evaluation, no pneumothorax or edema
- Pneumothorax
- Pleural effusion
- Interstitial edema
- N/A



POCUS AORTA IMPRESSION (16045011)

- N/A
- Normal abdominal aorta exam, no aneurysm
- Abdominal aortic aneurysm

21: SOFT TISSUE

GENERAL TEXT

Limited Soft Tissue Ultrasound

Indication:

A focused ultrasound of soft tissue was performed to evaluate for cellulitis, abscess, or foreign body. The ultrasound was performed with the following indications, as noted in the H&P: {ED POCUS SOFT TISSUE INDICATION:160120604}

Identified structures:

Precise location of the soft tissue evaluation: ***

Findings: Exam of the above structures revealed the following findings:

Abscess: {ED POCUS SOFT TISSUE ABSCESS:160120601}

Cellulitis: {ED POCUS SOFT TISSUE CELLULITIS:160120602}

Other: ***

Impression:

{ED POCUS SOFT TISSUE IMPRESSION:160120603}

Interpreted by: James L Larson, MD

SMARTLISTS



ED POCUS SOFT TISSUE INDICATION (160120604)

- Soft tissue pain
- Soft tissue swelling
- Soft tissue redness
- Fever
- Other indications as noted in the H&P



ED POCUS SOFT TISSUE ABSCESS (160120601)

- Absent
- Present: Size (cm) ***



ED POCUS SOFT TISSUE CELLULITIS (160120602)

- Absent
- Present



ED POCUS SOFT TISSUE IMPRESSION (160120603)

- Normal limited soft tissue ultrasound
- Abscess of soft tissue
- Cellulitis of soft tissue
- Foreign body in soft tissue
- Other: ***

22: THORACENTESIS

GENERAL TEXT

Ultrasound guidance: Thoracentesis (CPT: 32555)

Ultrasound Guidance was used for thoracentesis.

Indication(s): {EDPOCUS THORACENTESIS INDICATIONS:1600160001}

Location: {EDPOCUS THORACENTESIS LOCATION APPROACH:1600160002}

Complications: {EDPOCUS THORACENTESIS COMPLICATIONS:1600160003}

Interpretation: {EDPOCUS THORACENTESIS INTERPRETATION:1600160004}

The point of care ultrasound completed in the Emergency Department was done during the following procedure(s): ***

Interpreted by: James L Larson, MD

SMARTLISTS



EDPOCUS THORACENTESIS INDICATIONS (1600160001)

- Pleural effusion
- Dyspnea
- Chest Pain
- Fever
- Other indications as noted in the H&P



EDPOCUS THORACENTESIS LOCATION APPROACH (1600160002)

- Right
- Left
- Specific site/approach of the thoracentesis: ***



EDPOCUS THORACENTESIS COMPLICATIONS (1600160003)

- None
- Other: ***



EDPOCUS THORACENTESIS INTERPRETATION (1600160004)

- Successful U/S-guided thoracentesis
- Unsuccessful thoracentesis
- Other: ***