

A close-up photograph of a medical clipboard. A black stethoscope is draped over a white medical form. A black pen lies horizontally across the form. The form contains various fields with labels such as 'NEW PATIENT REGISTRATION', 'PLEASE PRINT', 'Work Phone', 'Insurance No.', 'Reason for visit', 'Allergies (if different from previous)', 'Work status', 'Gait 1', and 'The above information is being used for research purposes only. It is not to be used for any other purpose without the patient's written consent.' The clipboard is held by a silver clip on the left side. The background is a blurred blue surface.

WHAT IS POCUS

- Point of Care Ultrasound
- Using butterfly portable probe compatible most IOS (Apple products). Probes will be accompanied by designated ipads.
- Valuable bedside diagnostic tool to narrow diagnosis and potentially save from need for additional imaging/testing (although does not replace formal US).
- Billable.
- Now available at every primary care clinic.

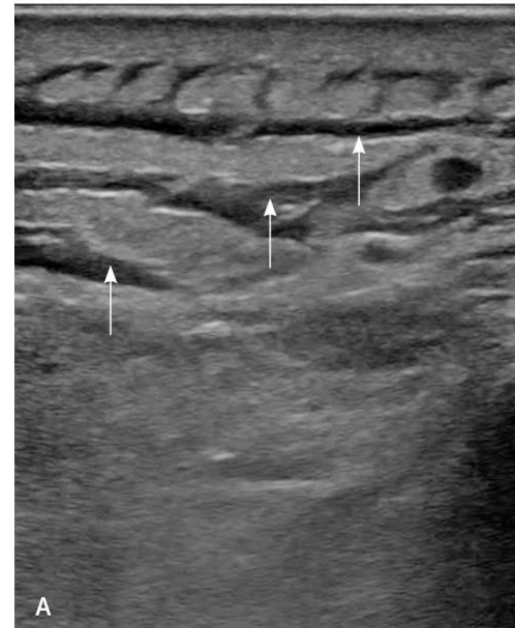


USES

- Skin and soft tissue infections
- Cystic vs solid lesion
- DVT
- MSK exam/injection
- OB
- Foreign body

POINT-OF-CARE ULTRASOUND USES

| POCUS uses | Scope of use | Example questions |
|-------------------------|--------------|---|
| Physical exam extension | Focused | "Is this palpable mass a cystic or solid structure?" "Is the baby in the cephalic or breech presentation?" |
| Procedural | Focused | "Where is the best location to insert a needle?" "Where is the foreign body?" |
| Diagnostic | Focused | "Are there stones in the gallbladder?" "Is there a pregnancy in the uterus?" |
| Multi-organ scans | Extended | "Is the patient's hypotension due to sepsis, heart failure, or acute blood loss?" "What is causing the patient's dyspnea?" |

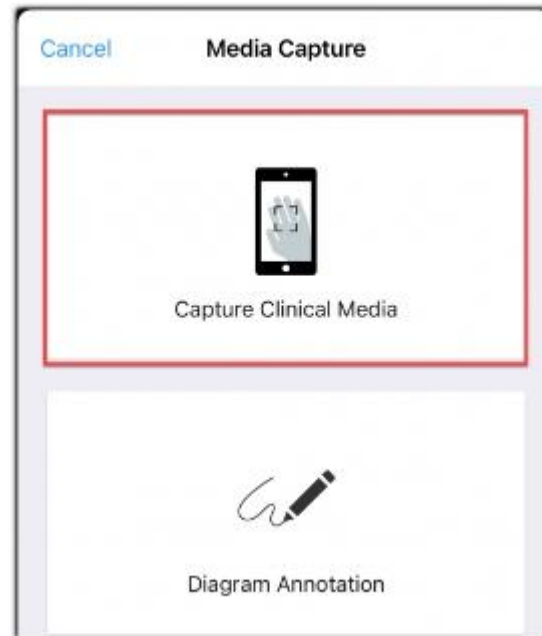


Ultrasonography of skin and soft-tissue infection. (A) Cellulitis, with scattered fluid pockets in a cobblestoning pattern (arrows) but without a distinct fluid collection. (B) Abscess (2.7 cm) with fluid collection in the subcutaneous fat.

DOCUMENTATION


Freeze ultrasound on the ipad →
Grab your phone → open up haiku
→ go to schedule → choose patient
→ click camera icon by their profile
photo → choose “capture clinical
media → Take the photo

EPIC – POCUS BUTTERFLY DEVICE –
DOCUMENTATION



Cancel Media Capture

Test, Blueberry
9/30/1989 - 33y M



B **C**

Document Type
Clinical Photo

A Description

D

Add Media Save

The image shows a 'Media Capture' interface. At the top, there's a 'Cancel' button and the title 'Media Capture'. Below that, patient information is displayed: 'Test, Blueberry' and '9/30/1989 - 33y M'. A central area shows a photograph of a snake plant in a white pot. Below the photo, there are two red circular callouts: 'B' next to a small pink square icon and 'C' next to a small pink syringe icon. Underneath these is a 'Document Type' section with 'Clinical Photo' selected. Below that is a 'Description' field with a red circular callout 'A'. At the bottom, there are three buttons: 'Add Media' (blue), 'Save' (green, with a red circular callout 'D'), and a share icon (green).

DOCUMENTATION

- Add a description “ultrasound right arm” and click save
- Add to note by putting “.image” (will also show up under media tab)
- In the note, must state:
 - **Date**
 - **Indication (concern for abscess, knee arthritis, etc)**
 - **Interpretation**
 - **Findings**
 - **Image**

BILLING



Billing codes

- **76881** Ultrasound, **complete** joint (ie, joint space and peri-articular soft tissue structures) real-time with image documentation
 - **0.9 wRVUS**
- **76882** Ultrasound, **limited**, joint or focal evaluation of other nonvascular extremity structure(s) (eg, joint space, peri-articular tendon[s], muscle[s], nerve[s], other soft-tissue structure[s], or soft-tissue mass[es]), real-time with image documentation
 - **0.7 wRVUs**
- For reference – 99213 is 1.3 wRVUs and 99214 is 1.92 wRVUs.

POCUS CODING

| System | Applications | CPT code | Comment | Medicare reimbursement* |
|-----------------|---|---|---|---|
| Musculoskeletal | Ultrasound-guided injection/aspirations of a major joint or bursa | 20611 | Combined code; do not bill separately for the injection | Non-facility \$96.72 Facility \$62.44 |
| | Limited ultrasound exam of arm/leg joint, tendon, or muscle | 76882 | | \$58.10 |
| | Ultrasound-guided needle placement for abscess aspiration | 76942 | Bill separately for the incision and drainage (10160) | \$58.47 |
| | Limited soft tissue exam with ultrasound | Codes differ by body part. Examples: Upper back, 76604 Lower back, 76705 Extremity, 76882 | | Varies by body part: 76604 \$80.48 76705 \$92.75 76882 \$58.10 |
| OB/GYN | Limited pelvic exam for pregnant patient (transabdominal) | 76815 | | \$85.53 |
| | Limited pelvic exam for non-pregnant patient (transabdominal) | 76857 | | \$49.44 |
| | First trimester pregnancy dating (transabdominal) | 76801 | <14 weeks pregnant, single fetus | \$124.51 |
| | Transvaginal ultrasound | Pregnant, 76817 Non-pregnant, 76830 | No separate limited code. Use modifier -52 to indicate reduced services | 76817 \$97.44 76830 \$125.23 |
| Abdomen | Limited abdominal exam (e.g., gallbladder, renal, bladder) | 76705 | | \$92.75 |
| | Abdominal aortic aneurysm screen | 76706 | Do not use G0389 (code deleted in 2017) | \$115.85 |
| Chest | Limited chest exam | 76604 | To identify pleural effusion and A-/B-line artifacts | \$80.48 |
| | Limited echocardiography | 93308 | | \$100.69 |

*2020 Medicare Physician Fee Schedule national payment amount. The facility and non-facility amount is the same unless otherwise noted.

OTHER BILLING CODES

Knee injection with US guidance (20611) is 1.1 wRVUs vs w/o US (20610) it is 0.8 wRVUs.

PRIVILEGING

1. INTERNAL MEDICINE – INPATIENT, INTERNAL MEDICINE – OUTPATIENT, FAMILY MEDICINE – All have the same language for POCUS as a non-core privilege:
2. Requested Criteria: **Successful completion of an ACGME or AOA post graduate training program that included training in POCUS or the equivalent in experience and training.** Required Current Experience: Demonstrated current competence and evidence of an adequate volume of POCUS over the past 12 months or completion of training in the past 12 months. Renewal of Privilege: Demonstrated current competence and evidence of an adequate volume of POCUS in the past 24 months based on results of ongoing performance practice evaluation and outcomes.
3. If you did not receive training in residency, then you need to take a course.
 - a. [638575900914170000 \(cchealth.org\)](https://www.cchealth.org/638575900914170000) – POCUS course

RESOURCES

1. Point-of-Care Ultrasound: A Practical Guide for Primary Care (aafp.org)
<https://www.aafp.org/pubs/fpm/issues/2020/1100/p33.html>
2. <https://www.aafp.org/pubs/afp/issues/2020/0301/p275.html> – More in-depth POCUS article
3. Introduction to HM-POCUS Course | Weill Department of Medicine (cornell.edu)
4. [638575900914170000 \(cchealth.org\)](https://www.cchealth.org/courses/638575900914170000) – POCUS course
5. <https://www.youtube.com/watch?v=rBS3Galrqqc&list=PLfoNzauBg-A6JQBbAQGb7zo-l2i8kfAMW&index=3>
 - a. Playlist on how to use Butterfly US

THANK YOU
Questions?

*Credit to Dr. Raymond Aguilar
and Dr. Markegard for assisting
with presentation development

