

PEM POCUS Curriculum Delphi – Data Collection Sheet

A. Inclusion/Exclusion:

Do you meet the following criteria?

- >3 years experience directly involved in teaching POCUS to PEM fellows
- *OR* PEM POCUS director/leader at your site
- *OR* PEM POCUS Fellowship trained

AND

- Performed at least 1000 pediatric POCUS scans

YES – You are eligible to complete this survey.

NO – You are not eligible to complete this survey.

B. Demographics:

1. In which country do you currently work? (Please select one)

- USA
- Canada
- Other:

2. How many years have you been in practice outside of residency/fellowship? (select one, please round up to the nearest number)

- _____

3. What non-ultrasound residency training have you received (select all that apply):

- Pediatrics
- Emergency Medicine
- Pediatric Emergency Medicine
- Other:

4. What type of ultrasound training and/or certification have you received? (select all that apply)

- PEM POCUS fellowship
- EM POCUS fellowship
- PEM fellowship rotation
- Longitudinal US training within PEM fellowship
- Longitudinal US training during EM residency
- 1 or 2-day intro course
- Self-trained
- Other:

5. Are you RDMS Certified?

- Yes
- No

6. Approximately how many **total** point-of-care ultrasound scans have you performed to date?

- 1001-1250
- 1251-1500
- 1501-1750
- 1751-2000
- >2001

7. Approximately how many **Pediatric** point-of-care ultrasound scans have you performed to date?

- 1001-1250
- 1251-1500
- 1501-1750
- 1751-2000
- >2001

8. Are you actively involved in ultrasound education of PEM fellows and/or PEM POCUS fellows?

- Yes
- No

9a. If yes, for how many years have you been involved in this role?

- _____

9b. If no, for how many years were you involved in this role?

- _____

10. In which of the following areas have you been involved with curriculum development?
(select all that apply)

- Pediatric residency
- EM residency
- PEM fellowship
- PEM POCUS fellowship
- EM POCUS fellowship

9. Does your institution have any of the following fellowships? (select all that apply)

- PEM
- PEM POCUS
- EM POCUS
- None of the above

C. Skills and Applications List

Please rate the level of importance of the following skills or applications as they relate to a PEM fellowship. 1=not at all important, 2= not very important 3=somewhat important 4= very important.

Resuscitative Applications

<u>Skill/Application</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
Trauma:				
1. Identify free peritoneal fluid				
2. Identify pericardial effusion				
3. Identify hemothorax				
4. Identify pneumothorax				
Focused Cardiac:				
5. Identify pericardial effusion				
6. Identify cardiac standstill				
7. Evaluate cardiac function				
Volume Status:				
8. Assess IVC for volume status				
9. Assess IVC to Aorta ratio				

Diagnostic Applications

<u>Skill/Application</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
Soft Tissue:				
1. Identify cellulitis				
2. Identify abscess				
3. Identify soft tissue foreign body				
4. Identify necrotizing fasciitis				
5. Identify myositis				
Neck:				
6. Identify peritonsillar abscess				
7. Identify adenitis				
Pulmonary:				
8. Identify pleural fluid/effusion				
9. Identify pulmonary edema				
10. Identify lung consolidation				
Urinary Tract:				
11. Assess bladder volume				
12. Identify hydronephrosis				

Focused Abdomen:				
13. Identify appendicitis				
14. Identify pyloric stenosis				
15. Identify intussusception				
16. Identify Abdominal Aortic Aneurysm (AAA)				
Hepatobiliary Tract:				
17. Identify cholelithiasis				
18. Identify cholecystitis				
Skull:				
19. Identify skull fracture				
Musculoskeletal:				
20. Identify bone fractures				
21. Identify joint effusions				
Deep Venous:				
22. Identify deep vein thrombosis				
Ocular:				
23. Identify retinal detachment				
24. Identify vitreous hemorrhage				
25. Identify vitreous detachment				
26. Identify lens dislocation				
27. Evaluate optic nerve for papilledema				
Female pelvis:				
28. Assess for ovarian cyst/mass				
29. Assess for ovarian torsion				
30. Identify intrauterine pregnancy				
31. Determine viability of intrauterine pregnancy				
32. Identify adnexal abscess				
Male Genitourinary:				
33. Identify testicular torsion				
34. Identify testicular mass				
35. Identify epididymo-orchitis				

POCUS Assisted/Guided Procedural Applications

<u>Skill/Application</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
1. Central line placement				
2. Peripheral IV access				
3. Abscess incision and drainage				
4. Suprapubic bladder aspiration				
5. Lumbar puncture				

6. Endotracheal tube position confirmation				
7. Nerve blocks				
8. Arthrocentesis				
9. Thoracentesis				
10. Paracentesis				
11. Fracture reduction				
12. Pericardiocentesis				
13. IO needle confirmation				
14. Arterial lines				
15. Peritonsillar abscess drainage				
16. Foreign body localization and removal				

Are there any other skills or applications you feel should be included in a PEM Fellowship POCUS curriculum?
