

Supplementary material I: Pre-/post-PoCUS survey for family physicians

[*Grey highlighted text indicates pre-populated text in the survey]

Pre-ultrasound

Complete immediately before an ultrasound exam.

Date of ultrasound: _____

1. Consultation setting:
 - ☐ Hospital – emergency department
 - ☐ Hospital – inpatient unit
 - ☐ Primary care clinic
2. Patient age (years): _____
3. Patient sex:
 - ☐ Male
 - ☐ Female
 - ☐ Other
4. Main working diagnosis for which ultrasound is being performed:
(*Remember to save one or more ultrasound images for this diagnosis, if image quality is adequate to aid with diagnosis.)

5. Using a 0–100% scale, how likely is it that the patient has [main working diagnosis]?
(enter a number between 0 and 100)

6. Is there a second working diagnosis?
 - ☐ Yes – Please specify: _____
 - ☐ No [Skip to question 10 or 11, patient management plan]
7. Using a 0–100% scale, how likely is it that the patient has [second working diagnosis]?
(enter a number between 0 and 100)

8. Are you considering any additional diagnoses?
 - ☐ Yes
 - ☐ No
9. [Only show if answer to question 1 is ‘Hospital – _____’]
At this stage (pre-ultrasound), what is your overall plan for the patient? (select all that apply)
Formal imaging refers to MRI, CT scan, X-ray, or ultrasound by an imaging specialist.
 - ☐ Transport out-of-town to a higher level of care (by air and/or road)
 - ☐ Admit to current hospital [do not show for inpatient]
 - ☐ Additional assessment and/or treatment in the ED [or inpatient unit for ‘Hospital – inpatient unit’]
 - ☐ Out-of-town referral to formal imaging
 - ☐ Out-of-town referral to a non-imaging specialist physician
 - ☐ Local referral to formal imaging
 - ☐ Local referral to a non-imaging specialist physician
 - ☐ Follow-up in a local primary care clinic
 - ☐ Other local referral (eg physiotherapy)
 - ☐ Discharge without referral or follow-up
 - ☐ Other – Please specify: _____
10. [Only show if answer to question 1 is ‘Primary care clinic’]

At this stage (pre-ultrasound), what is your overall plan for the patient? (select all that apply)
Formal imaging refers to MRI, CT scan, X-ray, or ultrasound by an imaging specialist.

- ☐ Emergency referral to local hospital
- ☐ Non-emergency referral to local hospital
- ☐ Out-of-town referral to formal imaging
- ☐ Out-of-town referral to a non-imaging specialist physician
- ☐ Local referral to formal imaging
- ☐ Local referral to a non-imaging specialist physician
- ☐ Other local referral (eg physiotherapy)
- ☐ Follow-up in current clinic
- ☐ No referral or follow-up
- ☐ Other – Please specify: _____

11. [Only show if the patient management plan in question 9 or 10 includes any out-of-town referral.]
Does any out-of-town referral require the patient to travel out of their home community?

- ☐ Yes
☐ No

Remember to save one or more ultrasound images for [pre-PoCUS primary diagnosis] if image quality is adequate to aid with diagnosis.

Post-ultrasound

Complete immediately after an ultrasound exam.

Date of ultrasound exam: [date]

Patient age: [age]

Patient sex: [sex]

12. Which organ system(s) did you scan? (select all that apply)

- ☐ Cardiac
☐ Comprehensive/combination (eg FAST, RUSH) – Please specify: _____
☐ Gastrointestinal
☐ Genitourinary
☐ Obstetrics gynecology
☐ Ocular
☐ Respiratory
☐ Skin and musculoskeletal
☐ Vascular
☐ Other(s) – Please specify: _____

13. What was the quality of the ultrasound image(s) for [pre-PoCUS main working diagnosis]?

- ☐ Good
☐ Adequate
☐ Not adequate to aid with diagnosis [Skip to question 15, diagnostic probability]

14. Your ultrasound exam image(s) shows that [pre-PoCUS main working diagnosis] is:

- ☐ Present
- ☐ Absent
- ☐ Indeterminate (cannot tell)

15. Using a 0–100% scale, how likely is it that the patient has [main working diagnosis]?
(enter a number between 0 and 100)

16. [Only show if 'Yes' to question 6, second working diagnosis]

Using a 0–100% scale, how likely is it that the patient has [second working diagnosis]?
(enter a number between 0 and 100)

17. [Only show if answer to question 1 is 'Hospital – _____']

At this stage (post-ultrasound), what is your overall plan for the patient? (select all that apply)

Formal imaging refers to MRI, CT scan, X-ray, or ultrasound by an imaging specialist.

- ☐ Transport out-of-town to a higher level of care (by air and/or road)
- ☐ Admit to current hospital [do not show for inpatient]
- ☐ Additional assessment and/or treatment in the ED [or inpatient unit for 'Hospital – inpatient unit']
- ☐ Out-of-town referral to formal imaging
- ☐ Out-of-town referral to a non-imaging specialist physician
- ☐ Local referral to formal imaging
- ☐ Local referral to a non-imaging specialist physician
- ☐ Follow-up in a local primary care clinic
- ☐ Other local referral (eg physiotherapy)
- ☐ Discharge without referral or follow-up
- ☐ Other – Please specify: _____

18. [Only show if 'Primary care clinic']

At this stage (post-ultrasound), what is your overall plan for the patient? (select all that apply)

Formal imaging refers to MRI, CT scan, X-ray, or ultrasound by an imaging specialist.

- ☐ Emergency referral to local hospital
- ☐ Non-emergency referral to local hospital
- ☐ Out-of-town referral to formal imaging
- ☐ Out-of-town referral to a non-imaging specialist physician
- ☐ Local referral to formal imaging
- ☐ Local referral to non-imaging specialist physician
- ☐ Other local referral (eg physiotherapy)
- ☐ Follow-up in current clinic
- ☐ No referral or follow-up
- ☐ Other – Please specify: _____

19. [Only show if the patient management plan in question 17 or 18 includes any out-of-town referral.]

Does any out-of-town referral require the patient to travel out of their home community?

- ☐ Yes
- ☐ No

20. Did the ultrasound exam result in any incidental finding (ie condition you were not considering pre-PoCUS)?

- ☐ Yes
- ☐ No [Skip to 23, comments]

21. Please describe the incidental finding:

22. What is your plan for managing this incidental finding?

23. Any comments?
