

Supplementary material II: Family physician demographic and clinical characteristics survey

Demographics

1. Total number of years you have been practicing as a physician (round to the nearest whole number):

2. Total number of years you have been practicing as a physician in rural BC (round to the nearest whole number): _____
3. Do you participate in the rural locum program?
☐ Yes
☐ No
4. Your average number of clinical days in a week: _____
5. Your average number of on-call shifts in a week: _____
6. Your gender pronoun(s) (select all that apply):
☐ She/her/hers
☐ He/him/his
☐ They/them/their
☐ Other

PoCUS training

7. Which formal ultrasonography training have you have received? (select all that apply)
☐ Part of undergraduate medical school curriculum
☐ Component of residency
☐ Canadian PoCUS (CPoCUS) certificate
☐ Emergency Department Echo (EDE) course(s)
☐ Rural Independent Practitioner Program (RIPP)
☐ UBC PoCUS Immersion Program (through St. Paul's Hospital)
☐ UBC Department of Emergency Medicine PoCUS fellowship
☐ UBC Hands-On Ultrasound Education (HOUSE) course(s)
☐ Another course – Please specify: _____
☐ Other – Please specify: _____
☐ None

8. Which informal ultrasonography training has been useful to you? (select all that apply)

- ☐ Learning from peers
- ☐ Informal mentorship
- ☐ BC PoCUS resources
- ☐ CPoCUS resources
- ☐ PoCUS Atlas resources
- ☐ VanPOCUS resources
- ☐ (Other) Online videos (eg YouTube)
- ☐ Other – Please specify: _____
- ☐ None

9. Do you have access to the training (formal and/or informal) that you need to develop your desired PoCUS skillset?

- ☐ Yes, definitely
- ☐ Yes, somewhat
- ☐ No

10. [If 'No' or 'Yes, somewhat' to previous question, access to training]

Which PoCUS training challenges have you experienced in the past two years? (select all that apply)

- ☐ Lack of training opportunities
- ☐ Lack of time
- ☐ Distance to training centre(s)
- ☐ Quality/effectiveness of training
- ☐ Lack of in-person training opportunities during the COVID-19 pandemic
- ☐ Waitlist for training opportunities
- ☐ Difficulty taking time off to pursue training opportunities
- ☐ Cost of training
- ☐ Other – Please specify: _____

PoCUS experience and use

11. How many years have you been using ultrasonography in your practice? (please report to one decimal place)

12. In which clinical setting(s) do you use ultrasound? (select all that apply)

- ☐ Hospital – emergency department
- ☐ Hospital – inpatient
- ☐ Primary care clinic
- ☐ Other – Please specify: _____

13. Which type of ultrasound device do you use (select all that apply)?

- ☐ Handheld wireless
- ☐ Handheld wired
- ☐ Cart-based
- ☐ Other – Please specify: _____

14. Are you participating in the Rural Intelligent Network for PoCUS (IN PoCUS) program?

- ☐ Yes
- ☐ No [Skip to question 16, organ system]]

15. How many months have you been using a Clarius ultrasound device subsidized by the IN PoCUS program?

16. In your practice, which organ system(s) do you examine with PoCUS to aid with diagnosis (this can include gestational age estimation)? (select all that apply)

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

17. On average, how often do you use PoCUS to aid with gestational age estimation during the first trimester? (select the best answer)

- ☐ At least once per week – Please enter the average number of times per week: ____
- ☐ At least once per month – Please enter the average number of times per month: ____
- ☐ Less frequently than once per month – Please enter the average number of times per year: ____

18. On average, how often do you use PoCUS to aid with diagnosis for purposes other than gestational age estimation? (select the best answer)

- ☐ At least once per clinical day – Please enter the average number of times per clinical day: ____
- ☐ At least once per month – Please enter the average number of times per month: ____
- ☐ Less frequently than once per month – Please enter the average number of times per year: ____

19. Would you like to use PoCUS more frequently?

- ☐ Yes
- ☐ No [Skip to question 21, importance of PoCUS]

20. What is preventing you from using PoCUS more frequently? (select all that apply)

- ☐ Lack of training
- ☐ Difficulty maintaining skills/lack of practice
- ☐ Lack of a mentor
- ☐ Lack of need during patient assessments
- ☐ Interruptions to clinical workflow (time limitations)

- ☐ More virtual consultations during the COVID-19 pandemic
- ☐ Technological challenges
- ☐ Lack of remuneration for PoCUS exams
- ☐ Other – Please specify: _____

Importance of PoCUS

21. Overall, how important is PoCUS to your clinical practice?

- ☐ Essential
- ☐ Very important
- ☐ Moderately important
- ☐ A little important
- ☐ Not at all important

22. Any comments about PoCUS?
