

Implementation of the prospective PURE (Point of Care Ultrasound Registry)

Appendix A: Data Collection Documents

I. 5- point Likert scale questionnaire

Introduction to questionnaire:

PURE: User satisfaction survey

You're invited to participate in a MMED study by Dr Francois Uys, assessing the implementation success of the PURE (Point of Care Ultrasound) registry through user satisfaction. This brief, anonymous survey is voluntary. Your feedback is crucial to this endeavour. By completing it, you consent to the confidential use of your responses. For questions, contact Dr Uys at 0798868966 or Dr Matthew Gibbs at 0731482026. If you have ethical concerns or questions about your rights, please contact UCT's Faculty of Health Sciences Human Research Ethics Committee at 0214066338 (HREC ref 2019/2023). We appreciate your time.

5-point Likert scale questionnaire:

1. I feel comfortable using the PURE data collection tool without assistance.
2. The level of complexity of the PURE data collection tool is appropriate for my needs of completing a POCUS database.
3. The PURE data collection tool is relevant to my perioperative standard POCUS practice.
4. The PURE data collection tool assists me in making perioperative clinical decisions.
5. I intend to continue using the PURE data collection tool in the future.
6. I would recommend the use of the PURE data collection tool to my colleagues.
7. Implementing the PURE registry required minimal additional resources (e.g. time, staff, equipment).
8. The PURE registry has practical utility within the perioperative setting.
9. I can easily access the PURE data collection tool.
10. The PURE registry helps me manage and document point-of-care ultrasound.
11. I am satisfied with the accuracy and completeness of the PURE data collection tool.
12. I can complete the PURE data collection tool in a timely manner.
13. Using the PURE data collection tool did not negatively impact my efficiency in performing clinical duties.

All questions will have a 5-point scale:

1. Strongly disagree
2. Disagree
3. Neutral
4. Agree
5. Strongly agree

II. Theatre checklist

PURE (PocUS REgistry)

All patients with an indication for a POCUS should be included:



Common indications for a POCUS include, but are not limited to:

- Undifferentiated murmur
- Haemodynamic instability
- Hypoxia
- Cardiac disease
- Trauma
- Complicated pregnancy

Verbal consent checklist – Kindly inform the patient of the following:

- ✓ Anonymous information, videos and pictures will be collected.
- ✓ The research involves no risk to the patient.
- ✓ Participants will be granted the opportunity to be excluded from the study.
- ✓ The waiver will not adversely affect the participant's welfare and rights.
- ✓ No deviation from standard best care will be required.

Scan the QR code or type the URL into your browser to complete the data capture form:

<https://redcap.ansa.org.za/surveys/?s=KF8T7MP4TE>

When capturing data on the form, only fill in the parts that you have performed. POCUS allows you to change or confirm your management, so please explain how the exam has aided your management. Whether your scan was simple or more advanced, the form will adapt accordingly.



Contact details

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Dr Francois Uys - 0798868966 (77945)

Registry approval: HREC R041/022

III. Patient information poster:

Attention: PURE (PocUs REgistry)



Point- of- Care Ultrasounds (POCUS) are methods that supplement clinical examination and are becoming the global standard of care.

These approaches have a positive effect on patient management and results, and their results match formal heart and lung scans.



An online registry is being established to collect anonymous information, ultrasound images, and videos for research, enhancing patient management through POCUS.

When scans are conducted as part of standard care, all patients will be included. There is no danger, and standardized best practices will be followed. Speak to your doctor if you wish to be excluded from the registry.



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