

REVIEWER'S REPORT

Manuscript No.: IJAR-55338

Title: THE EVOLVING ROLE OF POINT-OF-CARE ULTRASOUND (POCUS) IN ICU AND EMERGENCY ANAESTHESIA

Recommendation:

Accept as it is

Accept after minor revision.....

Accept after major revision

Do not accept (*Reasons below*)

| Rating | Excel. | Good | Fair | Poor |
|----------------|-----------|------|------|------|
| Originality | | Good | | |
| Techn. Quality | | Good | | |
| Clarity | Excellent | | | |
| Significance | Excellent | | | |

Reviewer Name: Dr. Sumathi

Detailed Reviewer's Report

1. Emergency anesthesia provides immediate pain relief and sedation for critical patients needing urgent surgery or stabilization, focusing on rapid airway management swift induction, and essential monitoring to handle high risk situations like trauma, obstetric emergencies, or severe illness, preventing aspiration and improving outcomes despite heightened risks.
2. Key techniques include pre oxygenation, rapid sequence induction and using emergency drugs like ketamine, often with protocols from handbooks to manage cognitive load.
3. An ultrasound, or sonography is a safe, noninvasive medical imaging test that uses high frequency sound waves to create real time pictures of organs, tissues and blood flow inside the body, without using radiation.
4. A handheld probe sends waves that bounce off structures, creating echoes converted into images, commonly used in pregnancy for monitoring fetal development, diagnosing pain infections guiding biopsies and viewing soft tissues like the heart, liver or breasts.

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- 5. Pocus most commonly refers to point of care ultrasound a portable ultrasound used by doctors at the patient side for quick diagnosis but it is also the hoc in hocus pocus meaning magic, trickery or nonsense.**
- 6. Key words are good to understand.**
- 7. Significant points are given. But there is no separate result and discussion part with tables and pictures. It should ne needed.**
- 8. Summary points also be included.**
- 9. References should be in alphabetical order.**
- 10. After those corrections good to publish in your journal.**