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## REVIEWER'S REPORT

Manuscript No.: IJAR-55954

**Title: COMPARATIVE EVALUATION OF PATIENT COMFORT AND PROCEDURAL EASE IN ULTRASOUND-GUIDED VERSUS CONVENTIONAL IUI**

**Recommendation:**

Accept as it is .....

**Accept after minor revision.....**

.....

Accept after major revision .....

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

Reviewer Name: Dr. Sumathi

## *Detailed Reviewer's Report*

- 1. Intrauterine insemination is a common, minimally invasive fertility treatment that involves placing concentrated, washed sperm directly into the uterus around the time of ovulation. It is used to overcome infertility issues by helping more sperm reach the fallopian tubes, often combined with fertility drugs to stimulate egg production.**
- 2. A guided ultrasound uses real-time ultrasound imaging to direct medical instruments like needles or probes to precise locations within the body, enhancing accuracy for procedures such as injections, biopsies, or draining fluid, and allowing doctors to visualize structures to avoid nerves or vessels, making treatments safer and more effective than traditional "blind" methods. It's used for joint injections, nerve treatments, biopsies, and even advanced procedures like MR-guided focused ultrasound (MRgFUS) for tremors, offering precision without surgery.**
- 3. Patient comfort is a holistic approach in healthcare focusing on physical ease, emotional well-being, and dignity, addressing pain, distress, and overall quality of life, especially for those with serious**

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**illnesses, encompassing symptom management, supportive communication, and environmental adjustments to help patients feel safe, valued, and in control.**

- 4. Procedural comfort is a comprehensive approach to reducing pain, fear, and anxiety in patients—particularly children—during medical procedures, focusing on physical, emotional, and environmental comfort. It utilizes techniques like specialized, upright "comfort positioning" for security, topical anesthetics, and distraction to improve cooperation and minimize distress.**
- 5. A Visual Analog Scale (VAS) is a validated, self-report measurement tool used to assess the intensity of subjective experiences like pain, fatigue, or discomfort. It consists of a 10-centimeter (100-mm) horizontal or vertical line with anchors at each end, such as "no pain" and "worst pain imaginable," where patients mark their current level.**
- 6. Fertility healthcare encompasses medical, surgical, and therapeutic services designed to diagnose, treat, and manage infertility, helping individuals and couples achieve pregnancy or preserve their reproductive potential. It includes advanced procedures like IVF, diagnostic testing, medication, and, in some cases, family-building support for LGBTQ+ individuals and single parents.**
- 7. Key words are given excellent.**
- 8. Abstract is good with meaningful.**
- 9. Result part is good with pictures and tables.**
- 10. Summary points must be included.**
- 11. References should be in alphabetical order.**
- 12. After a small changes good to publish in your journal.**