

## REVIEWER'S REPORT

Manuscript No.: IJAR-52342

Date: 17/06/2025

Title: "Patients undergoing gynecologic surgery: a systematic review and meta-analysis"

### Recommendation:

- ✓ Accept as it is .....  
 Accept after minor revision.....  
 Accept after major revision .....  
 Do not accept (*Reasons below*) .....

Rating	Excel.	Good	Fair	Poor
Originality		✓		
Techn. Quality		✓		
Clarity		✓		
Significance	✓			

Reviewer Name: Dr. S. K. Nath

Date: 18/06/2025

### Reviewer's Comment for Publication:

The paper effectively consolidates current evidence regarding gynecologic surgeries, especially emphasizing safety, procedural efficiency, and minimally invasive techniques. It supports the adoption of best practices to enhance patient outcomes and reduce complications. However, variability among studies and potential biases should be acknowledged. Further high-quality, prospective studies with standardized protocols are needed to strengthen the evidence base and guide future practice.

### Reviewer's Comment / Report

#### Strengths:

- Comprehensive Literature Review:** The systematic approach aggregates data from various studies, offering a broad overview of gynecologic surgery outcomes and safety profiles.
- Meta-Analytic Approach:** By quantitatively synthesizing results, the study provides robust evidence on key endpoints such as complication rates, operative times, and recovery parameters.
- Focus on Patient Safety and Outcomes:** The research emphasizes crucial aspects like complication reduction, minimally invasive benefits, and procedural efficacy, aligning with the goals of improving surgical care.
- Relevance to Current Practice:** The review discusses modern techniques, including robotic surgery, consistent with recent advances and recommendations outlined in the associated procedural guidelines.

#### Weaknesses:

- Limited Detail on Study Selection and Inclusion Criteria:** The excerpt does not specify the criteria for study inclusion, which may affect the interpretability and generalizability of the findings.
- Heterogeneity of Included Studies:** Variability in study designs, patient populations, and surgical techniques across the included data could introduce bias and affect the pooled results.
- Potential Publication Bias:** As with many systematic reviews, there's a risk that positive or favorable studies are overrepresented, potentially skewing conclusions.
- Lack of Long-term Outcome Data:** The review may focus mainly on perioperative and short-term outcomes, with less emphasis on long-term consequences such as patient quality of life or cost-effectiveness.