

## REVIEWER'S REPORT

Manuscript No.: IJAR-52097

Date: 04/05/2025

Title: "Clinical and Surgical Outcomes in Hypospadias Repair: A Comparative 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: 05/05/2025

### Reviewer's Comment for Publication:

This study indicates that multistage hypospadias repair is associated with a higher rate of postoperative complications compared to single-stage techniques, particularly wound dehiscence and fistula formation. While multistage repair remains essential for complex cases with severe ventral curvature, careful case selection and postoperative management are crucial. The findings support tailoring surgical approaches based on hypospadias severity to optimize outcomes. Nonetheless, further prospective studies with larger cohorts and long-term follow-up are needed to consolidate these findings.

### Reviewer's Comment / Report

#### Strengths

- **Comprehensive Data Collection:** The study includes a sizable sample of 30 patients, with detailed demographic, clinical, and surgical data, allowing for meaningful comparisons.
- **Clear Comparative Approach:** It effectively contrasts single-stage versus multistage techniques, providing valuable insights into their respective outcomes.
- **Objective Outcome Measures:** The use of specific complication rates (wound dehiscence, fistula, meatal stenosis) and follow-up over at least two years adds robustness to the findings.
- **Use of Statistical Analysis:** Appropriate statistical tests (chi-square) strengthen the validity of the conclusions regarding association between variables and outcomes.
- **Clinical Relevance:** The study addresses a pertinent clinical question, aiding surgeons in decision-making for complex hypospadias cases.

#### Weaknesses

- **Limited Sample Size and Power:** Although detailed, the sample size, especially in subgroups, may limit the generalizability of results.
- **Retrospective Design:** The retrospective nature could introduce selection bias and limit control over confounding variables.
- **Lack of Long-term Functional and Cosmetic Outcomes:** The study mainly reports complications but does not extensively evaluate long-term functional, aesthetic, or patient satisfaction outcomes.
- **Incomplete Data on Severity Grading:** The severity of hypospadias beyond categorization as anterior/posterior is not detailed, which could influence complication rates.
- **Potential Bias in Surgical Technique Selection:** The criteria for selecting single-stage or multistage procedures are not fully elaborated, which may influence outcomes.