

## REVIEWER'S REPORT

Manuscript No.: IJAR-52281

Date: 14/06/2025

**Title:** Early diagnosis and management of laryngotracheal stenosis: A case report and literature review

### 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: 15/06/2025

### Reviewer's Comment for Publication:

The paper effectively underscores the significance of early diagnosis and individualized surgical intervention in managing complex laryngotracheal stenosis. The successful use of laryngotracheal reconstruction with rib cartilage graft, combined with laryngo-fissure and stenting, demonstrates a viable approach for similar cases involving circumferential stenosis and cartilage necrosis. While the case report provides valuable insights, further studies with larger cohorts and longer follow-up are necessary to validate and refine these management strategies.

### Reviewer's Comment / Report

#### Strengths of the Paper

- Clear Case Presentation:** The case is thoroughly described, including clinical presentation, diagnostic imaging (X-ray, CT scans), operative details, and postoperative follow-up, which illustrates the practical application of surgical management.
- Integrative Literature Review:** The paper references recent and relevant literature, highlighting the importance of tailored approaches based on the stenosis type and extent, and emphasizing the need for early diagnosis.
- Detailed Surgical Technique:** The step-by-step description of the surgical procedure, including graft placement and stenting, provides valuable insights for clinicians managing similar cases.
- Visual Aids:** The inclusion of intraoperative and postoperative images, as well as radiographs, enhances understanding of the procedure and outcomes.
- Focus on Individualized Care:** The emphasis on personalized treatment approaches based on lesion characteristics marks a significant strength, advocating for precise management strategies.

#### Weaknesses of the Paper

- Limited Scope (Case Report):** As a single case report, the findings may not be generalizable. More cases or a series could strengthen the evidence.
- Lack of Long-term Follow-up Data:** While the immediate postoperative outcome appears successful, the paper does not provide long-term follow-up to assess potential restenosis or complications over time.
- Absence of Functional Outcomes:** The report mainly focuses on anatomical and immediate clinical outcomes. Data on voice function, quality of life, or other functional parameters are not discussed.
- Limited Discussion on Alternative Options:** The paper briefly mentions endoscopic treatments but primarily emphasizes surgical reconstruction, without a comprehensive discussion of when less invasive options might be preferred.
- Minimal Discussion of Postoperative Care:** There is insufficient detail about postoperative management, speech therapy, or management of potential complications.