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REVIEWER'S REPORT

Manuscript No.: IJAR-50899

Date: 05-04-2025

Title: Adenoid Cystic Carcinoma of the Trachea: A Report of Two Cases and Literature Review

Recommendation:

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

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

Reviewer's Name: Dr Aamina

Reviewer's Decision about Paper: **Recommended for Publication.**

Comments (*Use additional pages, if required*)

Reviewer's Comment / Report

Summary Review:

The summary provides a clear and concise overview of the clinical rarity and significance of Adenoid Cystic Carcinoma (ACC) of the trachea. It highlights key epidemiological data and therapeutic approaches, including the limited utility of chemotherapy and the value of surgical intervention and radiotherapy. The report presents two illustrative cases with distinct clinical presentations and management pathways, adding depth to the discussion of this uncommon entity. The inclusion of diagnostic tools such as bronchoscopy and imaging, along with treatment strategies like stent placement and chemoradiotherapy, underscores the multidisciplinary nature of managing tracheal ACC.

Introduction Review:

The introduction effectively contextualizes ACC within the broader landscape of malignant tumors, emphasizing its rarity and particular involvement of the trachea. Epidemiological data is accurately reported and appropriately cited. The clinical presentation is well-described, encompassing the spectrum from asymptomatic to severe respiratory compromise. The tumor's behavior—moderate malignancy with slow progression and potential for late metastasis—is well articulated. The therapeutic emphasis on

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surgical resection complemented by radiotherapy aligns with current oncological principles, providing a strong foundation for the ensuing case discussions.

Case 1 Review:

The first case report offers a detailed narrative of a 71-year-old female patient presenting with progressive respiratory symptoms. The description is structured and informative, moving from clinical presentation to diagnostic findings. The imaging and bronchoscopy findings are particularly well-explained, providing clarity on the anatomical and pathological extent of the tumor. The documentation of oxygen saturation, WHO performance status, and the specifics of tracheal involvement reflect thorough clinical assessment. The case effectively illustrates the diagnostic challenges and the need for timely intervention in managing tracheal ACC.

Overall Assessment:

This report contributes meaningfully to the limited literature on Adenoid Cystic Carcinoma of the trachea. The clinical detail, appropriate use of diagnostic modalities, and thoughtful inclusion of therapeutic interventions present a comprehensive account of this rare condition. The writing is clear, medically precise, and well-organized, making it accessible to both clinical practitioners and researchers. The incorporation of both case studies and literature context strengthens the clinical relevance and educational value of the work.