

REVIEWER'S REPORT

Manuscript No.: IJAR-51952

Date: 29-05-2025

Title: A Rare Case of Biphenotypic Sinonasal Carcinoma operated in our Institution

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

Abstract:

The abstract succinctly introduces biphenotypic sinonasal sarcoma (BSNS) as a recently recognized malignancy characterized by dual differentiation—myogenic and neural. It effectively highlights the diagnostic challenges posed by histologic similarities to other sinonasal tumors. The keywords accurately reflect the key concepts of the study.

Introduction:

The introduction clearly presents the clinical and diagnostic challenges posed by sinonasal malignancies, emphasizing the histologic diversity and anatomical complexities of the region. The discussion on the nonspecificity of early symptoms and the difficulty in biopsy-based diagnosis sets a relevant clinical context. The background on BSNS is well summarized, citing foundational studies and recent publications that delineate the tumor's unique characteristics. The focus on myogenic and neural differentiation is appropriately highlighted as a defining feature. The clinical behavior and the rarity of reported cases, along with the need for consolidated data and improved diagnostic approaches, are well articulated, providing a strong rationale for the case report.

Case Presentation:

The case description introduces a middle-aged female patient with nasal obstruction and anosmia,

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presenting clinical signs consistent with sinonasal pathology. Imaging findings are concisely reported, describing the size and extent of the lesion in the nasal cavity and ethmoid sinus extending into the nasopharynx. This clinical narrative sets the stage for the subsequent discussion and management of BSNS.

Relevance and Contribution:

Given the rarity of BSNS and its diagnostic complexities, the case report adds valuable clinical insight into the presentation, imaging, and pathological diagnosis of this tumor. By reviewing the current literature alongside the case, the manuscript situates its contribution within ongoing efforts to better characterize BSNS.

Overall Evaluation:

The manuscript offers a well-structured and focused presentation on a rare sinonasal malignancy. The abstract and introduction effectively frame the importance of recognizing BSNS amidst diverse sinonasal tumors. The clinical case supports the narrative and emphasizes practical diagnostic challenges. The report is a meaningful addition to the sparse literature on BSNS and will be useful for clinicians and pathologists encountering sinonasal masses.