ISSN: 2320-5407
ISSN NO. 2320-5407
International Journal of Advanced Research
Publisher's Name: Jana Publication and Research LLP
www.journalijar.com

REVIEWER'S REPORT

Manuscript No.: IJAR-50445 Date: 01-03-2025

Title: An Adult Presentation of Ebstein\'s Anomaly of Tricuspid Valve: Case Report and Review of Literature

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

Introduction:
The case report presents a well-documented overview of Ebstein's anomaly, a rare congenital heart defect characterized by tricuspid valve malformation and right ventricular myopathy. The background information succinctly outlines the pathophysiological mechanism of the disease, emphasizing its embryological basis and clinical implications. The description effectively highlights the significance of anatomical and clinical classification in guiding prognosis and management.

Case Presentation:
The clinical case of a 30-year-old female with a recent history of hypertension and presenting with severe palpitations is well-structured. The detailed account of symptoms, including dizziness and mild cyanosis, establishes a clear clinical picture. Vital signs, cardiovascular examination findings, and electrocardiographic features are presented comprehensively, allowing for a thorough understanding of the patient's hemodynamic status.

The diagnostic assessment is systematically presented, with transthoracic and transesophageal echocardiographic findings detailing the severity of the Ebstein's anomaly (Type C) and associated structural abnormalities, including a restrictive VSD and a small ASD. The inclusion of catheterization

ISSN: 2320-5407
International Journal of Advanced Research
Publisher's Name: Jana Publication and Research LLP
www.journalijar.com

REVIEWER'S REPORT

results provides valuable hemodynamic data, reinforcing the severity of right atrial pressure elevation and systemic venous desaturation. The structured tabular presentation of pressures, saturations, and vascular resistances enhances clarity and accessibility.

The case report also effectively details the occurrence of multiple episodes of supraventricular and ventricular tachycardias, necessitating an electrophysiological study. The angiographic findings further substantiate the anatomical and functional impact of the anomaly, demonstrating a significantly enlarged atrialized right ventricle and a dilated pulmonary artery.

Management and Outcome:
The decision-making process of the heart team is well-rationalized, with electrophysiological evaluation and subsequent surgical intervention through cone reconstruction using the Da Silva technique. The intraoperative findings and the postoperative management, including partial cavopulmonary diversion, are described in a clear and structured manner, underscoring the complexity of managing such cases.

Conclusion:
This case report provides a detailed and structured analysis of an adult presentation of Ebstein's anomaly, highlighting the diagnostic challenges and multidisciplinary management approach required for optimal patient outcomes. The integration of clinical, imaging, and hemodynamic data strengthens the report's comprehensiveness, making it a valuable contribution to the existing literature on congenital heart disease in adults.