

## REVIEWER'S REPORT

Manuscript No.: IJAR-54442

Date: 22/10/2025

Title: An uncommon cause of infective endocarditis in a healthy 11-year-old girl with native heart valve

### 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: 23/10/2025

### Reviewer's Comment for Publication:

This manuscript presents a valuable and rare pediatric case of infective endocarditis caused by *Anaerococcus prevoti*. With minor revisions to improve clarity, detail, and presentation, it will make a meaningful contribution to the literature on pediatric infectious diseases and cardiology.

### Reviewer's Comment / Report

#### Strengths:

- **Novelty and Clinical Significance:** The case report highlights a rare etiological agent, *Anaerococcus prevoti*, as the cause of infective endocarditis in a healthy pediatric patient with no prior heart disease, adding valuable knowledge to the limited literature on this topic.
- **Comprehensive Literature Context:** The manuscript effectively situates its findings within the evolving epidemiology of pediatric infective endocarditis, emphasizing its rarity and diagnostic challenges.
- **Emphasis on Diagnostic Vigilance:** The paper underscores the importance of high clinical suspicion, early use of echocardiography, thorough microbiologic workup, and advanced molecular techniques, which are useful take-home messages for clinicians.

#### Weaknesses:

- **Clarity and Cohesion:** Certain sections, especially the case presentation, could benefit from clearer chronological sequencing and more detailed clinical data to enhance readability.
- **Limited Discussion on Treatment and Outcomes:** The manuscript does not sufficiently elaborate on management strategies, antibiotic therapy specifics, surgical interventions (if any), and long-term patient outcomes.
- **Lack of Visual Aids:** While figures are referenced, their content is not fully accessible within the text provided. Inclusion of detailed imaging findings, especially echocardiographic images, would strengthen the report.
- **Technical and Language Aspects:** There are minor typographical and grammatical errors, such as inconsistent punctuation and sentence structures, that should be addressed.

#### Specific Recommendations for Authors:

1. **Enhance Case Description:** Provide more detailed clinical findings, laboratory data, and treatment course, including antimicrobial regimen, duration, and patient follow-up.
2. **Improve Clarity:** Organize the case narrative in a clear, chronological manner for ease of understanding.
3. **Add Imaging Details:** Include or describe echocardiographic images more explicitly to substantiate the diagnosis.

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4. **Expand Discussion:** Discuss the potential pathogenic mechanisms of *Anaerococcus prevoti*, its rarity, and implications for clinical practice.
5. **Proofreading:** Correct typographical and grammatical errors throughout the manuscript for improved professionalism.