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REVIEWER'S REPORT

Manuscript No.: IJAR-55987

Title: A Case of Fever with Diagnostic Dilemma

Recommendation:

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

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

Reviewer Name: Dr. Sumathi

Detailed Reviewer's Report

1. A **dilemma** is a difficult situation requiring a choice between two or more, usually undesirable, alternatives, often with neither option being clearly acceptable. Originating as a logical term for a "double proposition" or "horns of a dilemma," it now frequently refers to any complex, challenging, or mutually exclusive predicament.
2. A **diagnostic dilemma** is a challenging clinical scenario where determining the correct diagnosis is difficult due to conflicting, ambiguous, or incomplete data. It arises when symptoms could fit multiple conditions, standard tests are inconclusive, or rare diseases are involved, leading to uncertainty in patient management.
3. Sometimes, a complete fever investigation test may also be performed to detect the actual cause of infection. A fever panel test can include different blood tests like the Widal test for typhoid fever, dengue fever blood test, complete blood count test, etc.
4. **Infective endocarditis (IE)** is a rare but life-threatening infection of the heart's inner lining (endocardium) or valves, usually caused by bacteria entering the bloodstream and attaching to damaged heart tissue, prosthetic valves, or devices. It causes symptoms like fever,

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chills, heart murmurs, and fatigue. Without prompt treatment, it can lead to severe valve damage, heart failure, or stroke.

- 5. Intracardiac (or implantable) cardiac devices are small, battery-powered devices placed inside or just under the skin of the chest to monitor, regulate, or treat heart rhythm disorders (arrhythmias) and heart failure. Key types include pacemakers, which correct slow heartbeats, and Implantable Cardioverter-Defibrillators (ICDs), which deliver shocks to correct dangerously fast, life-threatening rhythms.**
- 6. Endothelial injury is damage to the thin layer of cells (endothelium) lining blood vessels, triggering dysfunction that initiates cardiovascular diseases like atherosclerosis, hypertension, and thrombosis. It results in impaired vasodilation, increased inflammation, and, in severe cases, neointimal hyperplasia. Causes include high blood pressure, smoking, diabetes, and mechanical damage.**
- 7. Key words must be given.**
- 8. Significant points and pictures are given good.**
- 9. Result part tables must be added.**
- 10. Summary points also be added.**
- 11. References should be in alphabetical order.**
- 12. After those changes good to publish in your journal.**
- 13. This research topic is medically valued one.**