



REVIEWER'S REPORT

Manuscript No.: IJAR-50925

Date: 07-04-2025

Title: A comprehensive discernment of the pathogenesis of atherosclerosis based on the Gurvadi Guna

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: Mir Tanveer

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

Comments (*Use additional pages, if required*)

Reviewer's Comment / Report

General Evaluation:

This manuscript presents a distinctive interdisciplinary exploration that bridges Ayurveda with modern scientific perspectives, particularly in the context of understanding the pathogenesis of atherosclerosis. The approach offers a novel framework by integrating the concept of *Gurvadi Guna* from Ayurveda with fundamental principles of pure sciences such as Physics, Chemistry, and Biology. The work contributes to the emerging body of literature that attempts to align classical Ayurvedic doctrines with contemporary biomedical paradigms.

Abstract and Keywords:

The abstract effectively communicates the primary objectives and rationale of the study. It highlights the importance of *Gurvadi Guna* in both disease manifestation and treatment, and

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draws a meaningful connection to the concepts of pure science. The scope is clearly outlined, and the interdisciplinary nature of the research is well emphasized. The keywords are appropriate and reflect the thematic pillars of the paper—Ayurveda, basic science, and atherosclerosis.

Introduction:

The introduction establishes a well-structured foundation for the study by first defining pure science and then contextualizing the Ayurvedic concept of *Guna*, particularly the *Gurvadi Guna*. It offers a detailed account of the *Shadpadartha* framework and outlines the relevance of the 20 *Gurvadi Guna* in understanding physiological and pathological processes. The section gradually narrows the focus toward the disease in question—atherosclerosis—and sets a clear justification for examining it through the lens of Ayurvedic properties.

Thematic Relevance and Innovation:

The thematic integration of ancient Ayurvedic concepts with contemporary understandings of disease offers a unique interpretive model. Framing atherosclerosis—an ailment with well-defined biomedical mechanisms—in terms of *Guna* adds philosophical depth to the discussion. The manuscript also underlines Ayurveda's emphasis on *Guna*-based diagnostics and therapeutic planning, thereby enriching the discourse on holistic and integrative approaches to medicine.

Methodological Approach:

Though the methodology is theoretical and interpretive in nature, the conceptual alignment is clear. The manuscript takes a comparative analytical stance, aligning the karmic implications of *Guna* with physical phenomena described in modern science. The inferential nature of *Guna* through *Karma* (Action) provides a framework that is consistent with both Ayurvedic philosophy and the functional logic of natural sciences.

Content Clarity and Expression:

The language is scholarly and appropriate for an academic audience. Key concepts from Ayurveda are adequately introduced and contextualized for readers who may not be familiar with traditional Indian medical terminology. The articulation of concepts maintains clarity while addressing the inherent complexity of the interdisciplinary synthesis.

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Scholarly Contribution:

This study contributes to the growing field of integrative medicine and Ayurvedic scholarship by attempting a conceptual synthesis of two epistemologically distinct systems—Ayurveda and modern science. It proposes a valuable lens for understanding chronic diseases through the properties and actions defined in traditional knowledge systems.

Overall Assessment:

The manuscript presents a thought-provoking and conceptually rich discourse that connects Ayurveda's *Gurvadi Guna* framework with the pathogenesis of atherosclerosis as understood in contemporary science. It holds academic relevance for scholars in both traditional medicine and biomedical science, and adds depth to the conversation on cross-disciplinary models of health and disease.
