



HEB

**Journal of Hospital Pharmacy**  
An Official Publication of Bureau for Health & Education Status Upliftment  
(Constitutionally Entitled As Health-Education, Bureau)

JOHP

## A Review on Coronary Artery Disease and Its Inflammatory Biomarkers

*Mrs. Sunanda Sabbithi<sup>1</sup>, Bagotham Sathvika<sup>2</sup>, Ayalolu Rakesh<sup>3</sup>,  
Lokesh Rathod<sup>4</sup>, Anupam Daimari<sup>5</sup>*

**Corresponding Author:** Mrs. Sunanda Sabbithi, Professor M Pharm (Ph D), Department of pharmacology, Malla Reddy Institute of Pharmaceutical Sciences, Maisammaguda, Secunderabad, Telangana, India, 500014.

**Email Id:** [serviceheb@gmail.com](mailto:serviceheb@gmail.com)

### ABSTRACT:

Coronary artery disease is the major cause of death worldwide. Plaque accumulation in the walls of the coronary arteries, which carry blood to the heart, is the cause of coronary artery disease. There are many factors that result in coronary artery disease, like obesity, smoking, alcohol consumption, etc. CAD is diagnosed using a coronary angiogram, a Doppler test, etc., but these tests are expensive and are not affordable by all the patients. This review article shows the readily available and cost-effective biomarkers that are used to diagnose CAD, like WBC, NLR ratio, C-reactive protein, LDL, MCV and MCH etc., for the patients who are diagnosed with CAD.

### KEYWORDS:

Atherosclerosis, Coronary artery disease, inflammatory markers, WBC, NLR RATIO, C-reactive protein, LDL, MCH and MCV, Cytokines.

#### *Access this Article Online*

Website: <http://www.journalofhospitalpharmacy.in> Quick Response Code:

Received on 11/08/2024  
Accepted on 26/04/2025 © HEB All rights reserved

