Reviewer’s report

Title: Dietary inflammatory index: a potent association with cardiovascular risk factors among patients candidate for coronary artery bypass grafting (CABG) surgery

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Reviewer: Kandikattu Hemanth

Reviewer’s report:

In the current study, the authors investigated the potential predicating ability of Dietary Inflammatory Index (DII) in cardiovascular risk factors among patients candidate for coronary artery bypass grafting (CABG). DII was in a positive association with several cardiovascular risk factors. The higher inflammatory potential of diet denoted higher values of serum lipids, CRP and kidney function tests and higher Euroscore as a predictor of post-operative mortality. The authors conclude that, DII can be demonstrated as a potent risk predictor in patients candidate for CABG specially in male patients

Reviewer comments:

1. MI should be expanded as myocardial infarction in the abstract.

2. Page 7, line 45: The dietary inflammatory index was calculated based on literature review of six inflammatory biomarkers: IL-1β, IL-4, IL-6, IL-10, TNF-α and CRP. What was the method used to determine these inflammatory markers. Authors should specify in the manuscript.

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