Isolated coronary artery ectasia (ICAE) is frequently encountered in clinical practice with increasing invasive imaging methods, and our knowledge about its etiology, prognosis, and treatment approaches is increasing daily.\textsuperscript{1,2} We read with great interest the recent retrospective study of Dindas et al.,\textsuperscript{3} which deals with the relationship between the Systemic Immune Inflammation Index (SII) and ICAE.\textsuperscript{3} It has been suggested that SII neutrophils, platelets, and lymphocytes collected in a single fraction may be a good indicator of inflammation and immune response.\textsuperscript{4} Various studies have shown that SII may have a more potent prognostic value than conventional inflammatory markers such as Neutrophil Lymphocyte Ratio (NLR) and Platelet Lymphocyte Ratio (PLR).\textsuperscript{5} We would like to comment on the well-designed and presented article, which we think will contribute significantly to the literature.

Firstly, in the Receiver Operating Characteristic (ROC) curve analysis of Dindas et al.\textsuperscript{3} article, it was seen that SII had a higher area under the curve (AUC) than NLR, PLR, and MHR, and from these results, it was concluded that SII predicted isolated CE patients better than NLR, PLR, and MHR. However, no statistically pairwise comparison was made between ROC curves. Therefore, it is difficult to look at the numerical values of the AUC values alone and say that SII is a stronger and more valuable ICAE predictor than NLR, PLR, and MHR. As a matter of fact, since the AUC of SII is close to the AUC of NLR (0.832 vs. 0.780), a pairwise statistical comparison between SII and NLR is essential.\textsuperscript{6,7}

Secondly, patients with ICAE, obstructive CAD without coronary ectasia, and patients with angiographically normal coronary arteries were compared in the study to form three groups. However, it is known that coronary ectasia is considered a variant of coronary artery disease and is often detected concomitantly with obstructive CAD rather than being isolated.\textsuperscript{8,9} As a matter of fact, the Markis classification is not a classification used only for isolated coronary artery ectasia.\textsuperscript{9} In this context, we think that including patients with obstructive CAD accompanied by coronary ectasia in the study may reveal the effect of SII on ICAE more clearly.

**Keywords**
Coronary Artery Disease/complications; Dilatation Pathologic, Sistemic; Inflammation Immune.

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**References**


Reply

To the Editor,

We are pleased that the authors read our article with great interest. In fact, as stated in the introduction and title of our study, we aimed to investigate the possible relationship between isolated coronary ectasia (CE) and a new inflammation parameter, Systemic Immune Inflammation Index (SII), in patients with stable or unstable angina pectoris. We obtained results suggesting that SII may be a more effective index than other hematological inflammatory parameters in distinguishing patients with isolated CE. A pairwise statistical comparison was not included in our study because it may be outside the study’s main purpose. However, there are examples of articles in the current literature that have not been compared with pairwise comparisons with close cut-off values in ROC analysis of numerical parameters. In addition, many separate studies in the literature show that SII has a stronger predictive value than Neutrophil to Lymphocyte Ratio (NLR) in patients with cardiovascular diseases.

The author is right in emphasizing that the isolation of CE should not constitute a concept other than coronary artery disease. While isolated CE was defined as the absence of evidence of coronary stenosis accompanying ectasia in previous studies, isolated CE has been defined in recent studies as the absence of a lesion that causes more than 50% obstruction accompanying ectasia. In light of this information, our study tried to show the obvious inflammatory effect of SII by examining the patient group with epicardial coronary artery stenosis of less than 50% accompanied by ectasia in the isolated CE group. However, evaluating patients with mixed-type CE with more than 50% obstruction will be too impressive to ignore in future studies.

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