

Reply to the Letter to the Editor: "Correct Interpretation of Exaggerated Blood Pressure Response During Exercise Tests"

Editöre Mektup Yanıtı: "Egzersiz Testleri Sırasında Abartılı Kan Basıncı Yanıtının Doğru Yorumlanması"

To the Editor,

We express our gratitude to the author for their letter¹ and insightful commentary regarding our recent article titled "Different Cardio-selective β -blockers and the Prevention of Exaggerated Blood Pressure Response During Exercise: A Retrospective Cross-sectional Study".² They have raised pertinent points regarding the limitations of our study.

Primarily, we acknowledge the significance of assessing patients' cardiorespiratory fitness status and exercise workload levels, which are correlated with age and gender, in evaluating the exaggerated blood pressure response (eBPR) during exercise. Additionally, we agree that varying exercise protocols can yield different blood pressure responses (BPR), and that endothelial dysfunction, potentially stemming from vascular inflammation, could be a significant contributor to eBPR. Given the retrospective nature of our study, as highlighted in our article, we regret the absence of data on high-sensitivity C-reactive protein (hs-CRP) levels and the inability to standardize exercise protocols.

However, we find it impractical to adopt the suggestion of concurrently evaluating systolic blood pressure and the workload ratio to enhance the interpretation of eBPR within our study population. This consideration arises from the fact that the referenced study was conducted among professional indoor athletes.³

In summary, we contend that our study may provide valuable insights for prospective randomized investigations into the assessment of eBPR and its potential utilization as a novel treatment target.

References

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LETTER TO THE EDITOR REPLY EDİTÖRE MEKTUP YANITI

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