

Review of: "Effect of neutrophil-to-lymphocyte ratio and vitamin D3 levels on the pathological complete response after neoadjuvant treatment in TNBC and HER2-positive early breast cancer – results of a prospective study"

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In this study, the authors aimed to investigate the predictive efficacy of biomarkers such as neutrophil-to-lymphocyte ratio for complete pathological response to neoadjuvant treatment in breast cancer. They concluded that the biomarkers which they investigated had no predictive value for the treatment. The study is well designed and written. However, there are some issues to be addressed:

1. Since the aim of the study is identified as evaluating NLR as a potential biomarker the Word 'vitamin D3 levels' may be removed from the title.
2. The abbreviations should be avoided in the Abstract.
3. In the introduction section, paragraph 5 abbreviation IBM is used but there are no previous explanations for it.
4. In the introduction section, paragraph 6 reference to the study made as if there is only one writer to the study. Instead of 'Chae suggests in her study', 'Chae et al suggested in their study' would be more appropriate.
5. There are many abbreviations in the method section without prior explanations.
6. At the 6th paragraph of the method section one of the words 'ECG' or 'echocardiography' should be removed.
7. Definition of pathological complete response (pCR) and the its determination process should be included to the method section.
8. In the title and the method section the study is defined as a 'prospective study' but there are no data supporting that the patients are followed over time. The same data could be collected retrospectively.
9. The results of the study were not sufficiently mentioned in the discussion section. The limitations of the study should be discussed.
10. The English language is needed to be revised.