

Review of: "Assessing the Impact of a Group Intervention on the Mental Well-being of Undergraduate Healthcare Students"

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Potential competing interests: No potential competing interests to declare.

The topic of study was very important, and we need such study. But the way authors conducted it, left no scientific value. I cannot recommend this for publication. Intervention is required for those who need it. I don't understand the rational of this study design combining all who need and who don't need intervention. More specifically,

1. It is unclear how the two groups were designed. The authors mentioned it was not randomized. But the alternative strategy was not stated. On the other hand, cause for not randomization is very vague. They could easily screen some volunteers by applying the tool for the first time, could have been considered as baseline assessment. And then they could have identified students who needed intervention. Might be those with the scores above median/Q3. Then they could be randomized into two groups. I don't find the scientific value of this work.
2. Secondly, the data was not analyzed in the right manner. Authors must take help from good statistician. The demographic characteristics must be compared between two groups to ensure homogeneity. Pre post differences within each group must be reported with statistical significance to ensure that condition was improved statistically in intervention group. DinD estimate must be reported with 95% confidence interval. Statistical methods must be stated in the method section. I didn't find any such statement. DinD is a mathematical concept not a statistical test for significance. SPSS must be cited with proper citation norm.