

Review of: "Effect of Tocovid - a Tocotrienol-rich Vitamin E - in Mitigating Post-Operative Atrial Fibrillation (POAF) after Coronary Artery Bypass Grafting (CABG) Surgery: A Double-blind Randomised Controlled Trial"

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Potential competing interests: The author(s) declared that no potential competing interests exist.

This paper has found many data with very good presentation. There is some note about this paper that need to be attended. First of all, the paper is very long with multiple presented data I think reader may be a little bit confused with huge data. The paper had over than 11000-word count and abstract was so long. The paper is somehow disorganized for example many comparisons of data discussed in result part although discussion was confined to relation usage tocovid with POAF. There are many tables with so many data I think two important point of this study must be separated one incidence of postoperative atrial fibrillation and the other improves the quality of life of patients, and shortens the duration of hospital stay post-CABG. The second point was not discussed clearly because hospital stay and icu staying was so different from quality of life.

Patients after cardiac surgery can not take any drug per oral until 2 days after surgery and the peak of inflammation and surge of inflammatory material and cells may be observed during this time so the result of drug on POAF cannot evaluated exactly in this time. Many patients before surgery were in functional class 1 and 2 with good EF so the population under surgery in relatively good clinical condition before surgery and there is some clinical bias in population under study. There is another bias in this study as we know CABG with and without valve surgery was very different in post operation complication such as POAF so there is no different incidence of POAF in valve surgery group and this important subgroup was not evaluated. As we know in valve surgery cardiac chamber was dissected and there is enlargement of chambers such as atrium although in only bypass surgery only partial opening of pericardium meet.

At all these papers eligible for publication and I think with some change to summarize of text and table and better organization of discussion part may be better for publication.