

Review Form 3

Journal Name:	Cardiology and Angiology: An International Journal
Manuscript Number:	Ms_CA_120354
Title of the Manuscript:	Usefulness of Colchicine in the Prevention of Contrast-Induced Acute Kidney Injury in Patients Undergoing Elective Percutaneous Coronary Intervention
Type of the Article	Research

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write few sentences regarding the importance this manuscript for scientific community. Why do you like (or dislike) this manuscript? Minimum 3-4 sentences may be required for this part.	This paper examines the effectiveness of colchicine in preventing contrast-induced acute kidney injury (CI-AKI) during elective percutaneous coronary intervention (PCI), highlighting strong methodology and significant findings suggesting a possible decrease in CI-AKI occurrence; however, limitations include insufficient explanation of protective mechanisms of colchicine, exclusion criteria impacting result applicability, and inadequate exploration of potential side effects and long-term safety in this context. Shorten	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes.	
Is the abstract of the article comprehensive? Do you suggest addition (or deletion) of some points in this section? Please write your suggestions here.	The abstract could be improved by addressing the lack of detailed information on the long-term safety and potential side effects of colchicine in this context.	
Are subsections and structure of the manuscript appropriate?	Including a more detailed discussion on limitations and future research directions could further enhance the manuscript's structure.	
Please write few sentences regarding the scientific correctness of this manuscript. Why do think that this manuscript is scientifically robust and technically sound? Minimum 3-4 sentences may be required for this part.	This manuscript is scientifically robust and technically sound due to its rigorous methodology and large sample size of 400 patients, which provides a strong basis for the findings. The study employs a clear and systematic approach to investigate the role of colchicine in preventing contrast-induced acute kidney injury (CI-AKI) in patients undergoing elective percutaneous coronary intervention (PCI). The use of multivariate regression analysis to identify significant predictors of CI-AKI incidence demonstrates a high level of statistical rigor. Additionally, the results are well-supported by comprehensive data analysis, enhancing the credibility and reliability of the conclusions drawn.	
Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. :	The references in this manuscript are mostly adequate, covering relevant studies from recent years. However, including more recent articles from 2022- 2024 could enhance the relevance and comprehensiveness of the literature review. Here are a few suggestions for additional references that could be included to strengthen the manuscript: <ol style="list-style-type: none"> 1. Recent studies on the molecular mechanisms of CI-AKI and colchicine's role. 2. Updated clinical trials evaluating colchicine's efficacy in preventing CI-AKI. 3. Meta-analyses or systematic reviews published in the past two years on CI-AKI prevention strategies. These additions will ensure the manuscript reflects the latest research developments in this field.	
Minor REVISION comments Is language/English quality of the article suitable for scholarly communications?	Yes, I found some grammatical errors that need to be corrected.	
Optional/General comments		

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PART 2:

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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