

Review Form 1.7

Journal Name:	Journal of Advances in Medicine and Medical Research
Manuscript Number:	Ms_JAMMR_101475
Title of the Manuscript:	AN EMERGENCY MEDICINE REVIEW OF THE MECHANICAL, INFLAMMATORY, AND EMBOLIC COMPLICATIONS OF MYOCARDIAL INFARCTION
Type of the Article	

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

	Reviewer's comment	Author's comment (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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1 yes</p> <p>This MS is valuable for clinicians since it highlights possible serious complications of AMI. It discusses their prognosis and management, especially in patients at high CV risk.</p> <p>The Authors may consider some suggestions for their revision.</p> <p>2 an alternative title suggested: A REVIEW OF MEDICAL EMERGENCIES RELATED TO THE MECHANICAL, INFLAMMATORY, AND EMBOLIC COMPLICATIONS OF THE ACUTE MYOCARDIAL INFARCTION</p> <p>3 fair</p> <p>4 yes</p> <p>5 yes</p> <p>6 suggestion of additional references: Lehto J, Kiviniemi T. Postpericardiotomy syndrome after cardiac surgery. Ann Med. 2020 Sep;52(6):243-264.</p> <p>The Authors may use the following suggestions for the revision.</p> <p>Keywords need to be added.</p> <p>In the section: 3.4.2. Risk factors Several risk factors contribute to the development of PMIP. These include delayed reperfusion, higher levels of cardiac biomarkers [please, give some examples of cardiac biomarkers], larger infarction size, younger age, anterior ischemia, inferior infarcts with right ventricular involvement, and reduced left ventricular ejection fraction [121-124]. In the section: 3.4.4 Management, the authors could briefly comment on Postpericardiotomy syndrome (PPS), as a common complication after cardiac surgery or other procedures (e.g., post-percutaneous coronary intervention (PCI)) that may follow AMI. The PPS represents a subgroup of post-cardiac injury syndromes (PCIS)) and can lead to posttraumatic pericarditis. Also, in addition to the 'standard of care", in the management of steroid-dependent recurrent PPS or chronic pericarditis, the therapeutic use of anakinra (a recombinant IL-1β receptor antagonist) and cyclophosphamide have been shown to be beneficial. Similarly, intrapericardial triamcinolone has been applied for the treatment of chronic autoimmune pericardial effusion [Lehto et al. 2020]. The authors may also provide Conclusions with Key messages, focusing on necessary cooperation within the Heart Team of cardiology and cardiac surgery specialists, as well as their clear communication with the patients. The list of abbreviations at the MS end would be helpful.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>yes</p>	
<p>Optional/General comments</p>	<p>As above</p>	

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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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