|  |  |
| --- | --- |
|  | |
| Journal Name: | [**Asian Journal of Cardiology Research**](https://journalajcr.com/index.php/AJCR) |
| Manuscript Number: | **Ms\_AJCR\_139267** |
| Title of the Manuscript: | **Ultrasound Discovery of a Myocardial Cleft : Case Report** |
| Type of the Article | **Case report** |

|  |  |  |
| --- | --- | --- |
| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | 1. **There 2 types of the myocardial clefts (benign-malignant)** 2. **Link between myocardial cleft & HCM mutation** 3. **Take to home message is the importance of using non-invasive investigations as trans-thoracic echocardiography for myocardial cleft screening** | Thank you for your valuable comments regarding my work |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes, it’s just a case report** | Thank you for your valuable comments |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | **Yes it was suitable concise** | Thank you for your valuable comments |
| Is the manuscript scientifically, correct? Please write here. | He use medical terms in simple way suitable for all levels of doctors | Thank you for your valuable comments |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | Yes it was recent studies | Thank you for your valuable comments |
| Is the language/English quality of the article suitable for scholarly communications? | Yes the author use simple sentences suitable for all ages | Thank you for your valuable comments |
| Optional/General comments | **My question is that what is the sensitivity & specificity of the trans-thoracic echocardiography to identify cleft myocardium?** | *The sensitivity of standard transthoracic echocardiography (TTE) for identifying myocardial clefts is limited, with many clefts detected by cardiac magnetic resonance imaging (CMR) not visualized on TTE. Specificity is higher, as clearly visualized clefts on TTE are generally confirmed by other modalities, but false positives can occur. Advanced techniques such as contrast echocardiography or three-dimensional imaging may improve detection, but CMR remains the gold standard for accurate identification and characterization of myocardial clefts* |

|  |  |  |
| --- | --- | --- |
| **PART 2:** | | |
|  | **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)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in details)* | *Informed consent was obtained from the patient for publication of this case report and any accompanying images.* |