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| Journal Name: | **[Cardiology and Angiology: An International Journal](https://journalca.com/index.php/CA)**  |
| Manuscript Number: | **Ms\_CA\_136172** |
| Title of the Manuscript:  | **No Cut, Just Close: Trans catheter device closure of mitral Paravalvular leak** |
| Type of the Article | **Case report** |

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| 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.** | The dissemination of new techniques for the treatment of heart diseases, provided they are less invasive than current ones and maintain at least the same results and safety levels, is welcome. The case report addresses a common situation in the treatment of structural heart disease, but one that is still not well established. Therefore, the topic is relevant to the scientific community. |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | Yes. It is appropriate and draws the audience's attention to the case report. However, the word 'transcatheter' should not be written separately (as 'Trans catheter'). |  |
| 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. | The sentence 'Recently, devices have been developed specifically for PVL closure, demonstrating high technical success rates and favorable post-procedural outcomes' does not seem appropriate, as there is no reference in the article to support this statement. Furthermore, there is no mention in the discussion of on-label devices with such success rates. |  |
| Is the manuscript scientifically, correct? Please write here. |  |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | First, the order of the references is incorrect - reference number 6 appears immediately after reference number 2. In some instances, the primary sources cited in the case report were not directly referenced. For example, a meta-analysis (Busu et al.) and the ACC/AHA guidelines were mentioned but not properly referenced, as they were derived from another citation. Additionally, more recent meta-analyses and observational studies on success rates and clinical outcomes are available and should be considered. |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes. |  |
| Optional/General comments | A case report should include a minimum set of details to allow for assessment of reproducibility. In the case of mitral paravalvular leak closure, proper planning is essential. Although the technical aspects of the procedure are well described, important information is missing regarding the leak’s anatomy (e.g., cleft, semicircular shape, location), as well as the rationale for the chosen device and whether alternative options were considered. The etiology of the leak should also be reported, or at least whether it was investigated. Furthermore, it is important to clarify whether this procedure is considered off-label or on-label in different regions of the world. Finally, the recommendation level for mitral paravalvular leak closure should be stated according to internationally recognized guidelines, such as those from the American and European societies. |  |

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| **PART 2:**  |
|  | Reviewer’s comment | **Author’s Feedback** (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 detail)* |  |

**Reviewer Details:**

**Luciano de Moura Santos, Hospital Santa Lucia, Brazil**