

Answering Reviewers

1. Typographic errors in the text (example: “infraction”, in the Abstract) should be corrected.

It has been corrected in the article.

2. Please change “Discussion” to “Conclusion” in the Abstract.

It has been changed in the article.

3. Avoid acronyms use in the keywords: (ex: VA-ECMO, LVT).

Key words: Venous arterial extracorporeal membrane oxygenation; Left ventricular thrombosis; Cerebral embolism; Magnetic Resonance Imaging; Therapy; Case report

4. It is important to clearly mention in the Introduction that cardioembolic stroke is associated with a higher in-hospital mortality compared to other ischemic stroke subtypes (see data in Acta Neurol Scand. 1997 Dec;96(6):407-12).

It is reported that mortality in cardioembolic stroke is the highest as compared with other ischemic stroke subtypes ^[10,11].

5. Please include the demographics of the patient reported: age and gender in the Abstract and in the Case Report section.

A 37-year-old female patient was admitted with 4 days of fever and 3 days of palpitations.

6. It would be helpful to mention that the differential diagnosis of severe cerebral ischemia also lies in hematological disorders that are a commonly unrecognized cause of acute stroke with a particular treatment depending on its etiology (Expert Rev Hematol 2016; 9: 891-901). This study should be

added and commented on.

Second, no laboratory tests for hematologic diseases was conducted to rule out stroke caused by such diseases. Because, Arboix A and his colleagues reported that Hematological disorders are one of the easily overlooked cause of acute stroke^[31].

7. It would be appropriate to add a comment on the limitations of this case report.

The limitations of this study are as follows: First, no MRI examination was performed after the removal of ECMO support to confirm the complete disappearance of left ventricular thrombus. Second, no laboratory tests for hematologic diseases was conducted to rule out stroke caused by such diseases. Because, Arboix A and his colleagues reported that Hematological disorders are one of the easily overlooked cause of acute stroke^[31].

8. A brief concluding comment on possible lines of future research on the presented topic would be appreciated

Future research should focus on the overall prognosis and treatment of patients with left ventricular thrombus during ECMO support, and develop relevant treatment guidelines or expert consensus to improve the outcome of ECMO support