

Dear Editor,

Thank you for carefully reviewing our manuscript previously titled “Ear ischemia induced by endovascular therapy for arteriovenous fistula of the sigmoid sinus: A case report” for possible publication in the World Journal of Clinical Cases. We are grateful to you and your reviewers for their constructive critique. We have revised the manuscript, highlighting our revisions in red. and have attached point-by-point responses detailing how we have revised the manuscript in response to the reviewers' comments below.

Thank you for your consideration and further review of our manuscript. Please do not hesitate to contact us with any further questions or recommendations.

Yours Sincerely,

Huijian Ge

Reviewer Comments:

The description of the treatment received by the patient should be further elaborated (what do the authors mean by "improving microcirculation"?; what type of fluid supplementation was received, and how many sessions of hyperbaric oxygen treatment?). What was the time for the resolution of the ear ischemia symptoms? While it is mentioned that there was improvement at three months and that symptoms had disappeared after three years, it is unclear if it took the full three years for the right ear to return to normal.

Reviewer #1:

**Response:**

1. The improving microcirculation was performed by intravenous dripping with 250ml solution of sodium chloride and 30mg edaravone injection for twice a day during 10 days.
2. The patient received fluid supplementation treatment with 500ml solution of sodium lactate ringer and 500ml solution of hydroxyethyl starch Q.d for 10 days.
3. The hyperbaric oxygen treatment was performed for 10 days.
4. It was our negligence for confusing the time of the resolution of the ear ischemia symptoms. The patient received angiography examination 3 months later and she reported that cyanosis and swelling of the right auricle had improved evidently. However, she still complained the slight swelling symptom at the 12-months clinical follow-up. We did not contact her for follow-up until 3 years after embolization and she reported that the the right auricle returned to normal at 15 months rather than the full 3 years.