

March 12, 2023

Dear Editor,

All authors would like to thank you for your interest in our study titled: "Collagen fleece (Tachosil®) for treating testis torsion: A case report and review of literature"; and for allowing us to respond to the comments raised by the reviewers.

All authors would also like to sincerely thank the reviewers for the review of our manuscript and their thoughtful comments. Please find attached a revised the manuscript and a point-to point response to each of the reviewer's comments.

Title: Collagen fleece (Tachosil®) for treating testis torsion: A case report and review of literature

Author: Ki Min Kim, Jae Heon Kim

Name of Journal: Word Journal of Clinical Cases

Manuscript NO: 83154

The manuscript has been improved according to the suggestions of reviewers:

Reviewer 1

Comment: It is a case report but why you choose tachosel for this operation

Response:

After detorsion, the dark color of the testis remained. It might indicate an ischemic state. So testicular compartment syndrome was expected and fasciotomy was performed to make decompression. Surgery should be done immediately because the surgery was performed after 24 h of symptom onset, so we decided to choose tachosil® instead of tunical vaginalis coverage to reduce time.

Furthermore, we have had great experience replacing tunica albuginea in Peyronie's disease using tacomil. I thought this would be applicable enough in this case.

Comment: I could not get why you use it no long term follow up us 3 -6 months may be it become atrophied later

Response: This has now been revised the manuscript text (Session OUTCOME AND

FOLLOW-UP). We followed up the patient after 3 months and there were no specific abnormal findings.

“After 3 months, the patient and their parents came hospital for follow up, and although scrotal ultrasonography were not performed, there were no abnormal findings in the physical examination, and the patient had no symptom during 3 months”

Comment: why not use surgicel or other hemostatic sheets is it absorbed and when

Response: There are sufficient evidence about Tacoshil to replace tunica albuginea in Peyronie’s disease, and considering its efficacies and superiority of hemostatic effect and tissue sealing, we could use tachosil in real clinical situation rather than conventional hemostatic materials like surgicel.

Reviewer 2

Comment: The authors has reported a testicular torsion case and introduced a new surgical method using collagen fleece (tachosil®) instead of tunica vagina flap in performing testicular fasciotomy. I have several questions and suggestions. 1. Does the testicular return to pink or has blood flow after detorsion?

Response: We detorsed testis during the operation, and couldn’t confirm a return to pink after detorsion immediately, but we could check the blood flow using scrotal ultrasonography after 2 days from the operation.

Comment: Why do you decide to perform testicular fasciotomy?

Response:

After detorsion, the dark color of the testis remained. It might indicate an ischemic state. So testicular compartment syndrome was expected and fasciotomy was performed to make decompression. Surgery should be done immediately because the surgery was performed after 24 h of symptom onset, so we decided to choose tachosil® instead of tunical vaginalis coverage to reduce time.

Furthermore, we have had great experience replacing tunica albuginea in Peyronie's disease using tacsil. I thought this would be applicable enough in this case.

Comment: 2. There is too much content in your conclusion.

Response: Thank you for your comment. We now revised our discussion & conclusion session, and deleted unnecessary contents.

Comment: 3. Many references are unavailable, please check them.

Response: Thank you for your comment. We now revised the references.