Reviewer's report

Title: Delayed endovascular treatment of descending aorta stent graft collapse in a patient treated for post-traumatic aortic rupture: a case report

Version: 1 Date: 2 March 2011

Reviewer: Ilias Dalainas

Reviewer's report:

This is a very interesting case report. Congratulations to the authors for the outcome.

Minor Essential Revisions

Case Presentation

1] “A 40 years-old man arrived to another hospital …”
It should be corrected to “A 40-year-old man was admitted to another hospital …”

2] “(Gore TAG® 28-150)”
Please include manufacture and place of production.

3] “…was implanted from the distal tract of the aortic arch to the middle part …”
It would be better to correct to “…was placed from the distal tract of the aortic arch to the middle part…”

4] “… to our Intensive Unit Care …”
It should be corrected to “ to the Intensive Care Unit…”

5] What about the other non-vascular lesions? Did he undergo any other surgical procedures?

6] Why did the authors perform a CT scan in the second post-operative day? Where there any signs of endoleak and further bleeding? Was the patient hemodynamically stable? It was performed just to control placement, or there were signs of instability?

7] In the seventh day CT scan, was there a sign of endoleak, or not?

8] “…came back to our Division: he complained …”
Please correct to “…came back to our Division. He complained …”

9] “(Bolton Relay TM 28-155)”
Please include manufacturer and place of production.

10] “…was then located inside the previous one…”
Please correct to “…was then placed inside the previous one…”

11] “The patients was discharged four days later in good clinical conditions.”
What about the peripheral pulses and the erectile dysfunction after treatement?

Discussion and conclusion

12] Thirty-three percent is highly oversizing. Do you believe that the specific endograft (TAG) design was the main cause of endograft collapse?
“for logistic reasons … … … we didn’t have the time to wait for the right graft”
If you have had the time, which would have been the right endograft according to your opinion?

13] “In conclusion, TEVAR represents a significant improvement in the treatment of thoracic aortic rupture.”
Please correct to “In conclusion, TEVAR has significantly improved the outcome of treatment of thoracic rupture.

Figures

14] Please add arrows showing the lesion in Figure 1.

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

Declaration of competing interests:

I declare that I have no competing interests