Reviewer's report

Title: Thrombosis of a Descending Thoracic Aortic Endovascular Stent Graft in a Patient with Factor V Leiden

Version: 1 Date: 18 November 2013

Reviewer: Anthony Estrera

Reviewer's report:

The authors report on a complication of TEVAR after traumatic aortic rupture in the setting of unsuspected hypercoagulable state. The case may contribute but the following points need to be addressed.

1. The authors should state that if use of the iliac stent was off label.
2. The authors should provide more information of the patient’s status at admission, vital signs, hypotensive, requirement for blood transfusions, coagulation studies, trauma score, GCS, etc.
3. Please provide the timing for the TEVAR procedure.
4. Please provide more details regarding his initial hospitalization, length of ICU stay, hospital length of stay, any other postoperative complications, etc.
5. The authors should provide the CTA at one year with the subsequent improvement by CTA. If the authors knew that a thrombus was present, was it the intention to survey until resolution of the thrombus with anticoagulation?
6. Was the patient compliant of radiographic surveillance or was the follow up CTA performed because of symptoms?
7. Pseudocoarctation was described. Please provide specific values of blood pressure.
8. What was the brief period of anticoagulation attempted?
9. The authors reported that blood pressures had resolved. What were the specific values?
10. The authors should provide the CTA of the post repair. How long has the patient been followed up to “present time.”
11. The authors reported that the distal graft was infolded, but this is not clear on the photograph. Please clarify.
12. Please comment on the need for life long anticoagulation in this 16 year old boy.

Level of interest: An article of limited interest

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

No
No
No
No
No
No