Reviewer's report

Title: Thrombosis of abdominal aorta during cisplatin-based chemotherapy of testicular seminoma: Case report

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Reviewer: George J Bosl

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Dieckmann and Gehrckens report a case of aortic thrombosis during cisplatin-based chemotherapy for an advanced germ cell tumor (seminoma). The diagnosis of thrombosis is reasonable, but presumptive and made on clinical grounds.

A few comments and questions:

Major Compulsory Revisions:

1. It is necessary to have pre-chemotherapy CT scans showing the extent of metastatic tumor and the absence of aortic clots or abnormalities at both the site of the previous ductus arteriosus and in the retroperitoneum. A preoperative image and affected image of the clot of the level of the ductus arteriosus should also be provided. As a practical matter, I suggest that Figure 1A and 1B show a representative preoperative scan of the ductus arteriosus site and retroperitoneal site with; Figure 2A and 2B show a representative scan of the same two sites with the presumed clots and Figure 3A and 3B show the same sites with the clot resolution after anticoagulation.

Discretionary Revisions:

2. Was any assessment of d-dimers performed?

3. Aortic calcification appears to be present at the site of the clot in the retroperitoneum. Did the patient have a history of tobacco use? Could the damage caused by the plaque have led to a nidus for thrombosis? The same question can be asked about the site of the ductus surgery.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.
Declaration of competing interests:

I declare that I have no competing interests.