Reviewer’s report

Title: A lung cancer patient with deep vein thrombosis: A case report and literature review

Version: 0 Date: 08 Jan 2019

Reviewer: Markus Knott

Reviewer’s report:

Thank you for letting me review this interesting case and literature review.

Your literature review is quite good. Nevertheless I agree with you that there is a need of a detailed guideline concerning cancer patients and prophylaxis/therapy of Thrombosis.

Upon reading the case, some major questions arised:

1. Why did you choose ASS + Warfarin + LMWH triple combination? What was the reasonable behind this selection apart from guidelines?

2. As there is a worsening described after four days, did you rule out a HIT? This could, in worst case, explain the thrombogenesis despite every effort. What did you do with the Anticoagulation? Continued or stopped?

3. I was missing descriptive coagulation lab values. You stated that coagulation was in normal range. Which parameters did you evaluate at the beginning? Prothrombin time, INR, aPTT, Protein C / S? Specialized coagulation lab? Was there any sign of change during the worsening of the Thrombosis?

4. I was missing the medical history of the patient. Apart from smoking and no tuberculosis, unfortunately nothing is said about it. Did the patient have any history of thombosis in the past? Other underlying diseases?

5. No further pictures of the venous Thrombus obstructing the Artery is shown. Was the artery obstructed other than compression? Where there other diagnostics apart the CT-Angio?

6. Did you rule out an extensive Antiphospholipid Syndrome?

7. Did you rule out Warfarin necrosis?

I would additional do a literature research if anywhere is a description of a DVT Thrombus compressing an artery.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.
Yes

**Does the work include the necessary controls?**
If not, please specify which controls are required in your comments to the authors.

Unable to assess

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Yes

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Not relevant to this manuscript

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