Reviewer’s report

Title: Acute aortoiliac occlusive disease during percutaneous transluminal angioplasty in the setting of STEMI: a case report

Version: 0 Date: 24 Nov 2017

Reviewer: Alexander Gombert

Reviewer's report:

1. Do you believe the case report is authentic?
   Yes/No

   Yes

2. Do you have any ethical concerns? Please consider if local Institutional Review Board approval or ethical approval was obtained (if appropriate) and if the patient (or their parent or guardian in the case of children under 18) gave written, informed consent to publish this case and any accompanying images. A statement to this effect should appear in the manuscript.

   Comments:

   No

3. Does the Introduction explain the relevance of the case to the medical literature?

   Yes/No

   Yes
4. Does the article report the following information? Where information is missing, please specify.

a. The relevant patient information, including:
   - De-identified demographic information (age, gender, ethnicity)
   - Main symptoms of the patient
   - Medical, family and psychosocial history
   - Relevant past interventions and their Outcomes

Every category has been fullfilled.

b. The relevant physical examination findings

Yes

c. Important dates and times in this case (if appropriate, organized as a timeline via a figure or table); if specific dates could lead to patient identification, consider including time relevant to initial presentation, i.e. initial presentation at T = 0, follow up at T = 1 month.

The case has been described appropriately.

d. Diagnostic assessments, including:
   - Diagnostic methods
   - Challenges (e.g., financial, language/cultural)
   - Reasoning and prognostic characteristics (e.g., staging), where applicable

More Details concerning the vascular surgical Intervention have to be added. Furthermore the authors should discuss, if an acute thromboembolic occlusion of a preformed Stenosis of the infrarenal Aorta could be the most likely Explanation for acute ischemia of both legs.
It is mandantory to add details concerning the acute ischemia of both legs classified by the SVS Guideline.

e. Types and mechanism of intervention

please see above

f. A summary of the clinical course of all follow-up visits

Comments:

5. Is the interpretation (discussion and conclusion) well balanced and supported by the case presented?
Comments:

please see above, acute embolic occlusion which the second most common reason for acute arterial embolism has to be discussed.

6. Is the anonymity of the patient protected? Please consider any identifying information in images such as facial features or nametags, whether the patient is named etc. If not, please detail below.

Yes/No

yes
7. Is the Abstract representative of the case presented?

Comments:

yes

8. Does the case represent a useful contribution to the medical literature?

Comments:

yes. Further attempts should be made to discuss the alternative puncture site of the radial artery including more literature and Advantages as well as disadvantages.

9. Additional comments for the author(s)?

Level of interest
Please indicate how interesting you found the manuscript:

An article of importance in its field

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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Please complete a declaration of competing interests, considering the following questions:

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