**Reviewer's report**

**Title:** Prophylactic anticoagulation in nephrotic syndrome prevents thromboembolic complications

**Version:** 0  **Date:** 10 Feb 2019

**Reviewer:** Suceena Alexander

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This is a retrospective study that looks at the use of prophylactic anti-coagulation (PAC) in nephrotic syndrome. The authors Sarah Kelldal et al have compared and contrasted the thrombotic and hemorrhagic complications in patients either on anticoagulation or not on it based on the different treatment protocols followed in 2 hospitals. They concluded that PAC significantly decreased thromboembolic complications while having a higher risk of major bleeding especially when combined with anti-platelet agents.

**Major comments:**

In the table for baseline characteristics, information on 24-hour urine protein and the underlying GN diagnoses in both the groups to be included.

Please explain criteria used for treating patients with low versus high dose of LMWH. How were the patient monitored?

What was the monitoring protocol while using oral- anticoagulation?

What was the INR of the 2 patients who had major bleeding? Please report the average INR of the entire cohort.

Why did 11 patients receive antiplatelet therapy and 4 received combined therapy?
Did Viborg Regional Hospital refrain from anti-coagulation for all NS irrespective of serum albumin?

Male patients were more in number in the group treated with anti-coagulation (tending to be significant). This could have resulted in greater risk reduction while using anti-coagulation and needs to be highlighted as one of the limitations.

Minor comments:

Nil

**Please confirm that you have included your review in the ‘Comments to Author’ box?**
As a minimum standard, please include a few sentences that outline what you think are the authors’ hypothesis/objectives, their main results, and the conclusions drawn. Your report should constructively instruct authors on how they can strengthen their paper to the point where it may be acceptable for publication, or provide detailed reasons as to why the manuscript does not fulfill our criteria for consideration. Please supply appropriate evidence using examples from the manuscript to substantiate your comments. Please break your comments into two bulleted or numbered sections: major and minor comments.

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Yes

**Are the methods appropriate and well described to allow independent reproduction of experiments?**
Please state in the ‘Comments to Authors’ box below what you think are the strengths and weaknesses of the methods (study design, data collection, and data analysis), and what is required, if anything, to improve the quality of reporting

Yes

**Does the work include the necessary controls?**
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Yes
Are you able to assess the statistics?
- Are the statistical test(s) used in this study appropriate and well described?
- Is the exact sample size (n) reported for each experimental group/condition (as a number, not a range)?
- Are the description of any error bars and probability values appropriate?
- Are all error bars defined in the corresponding figure legends?
- Has a sample size calculation been included, or a description and rationale about how sample sizes were chosen?

Please can you confirm which of the following statements apply to your statistical assessment of the manuscript (Please include details of what the authors need to address in the 'Comments to Author' box):

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