Reviewer’s report

Title: Case report: Bilateral renal artery stenosis as a cause of refractory intradialytic hypertension in a patient with end stage renal disease.

Version: 1 Date: 14 Sep 2018

Reviewer: Eiji Ishikawa

Reviewer's report:

Dear authors, thank you very much for sharing this nice case which is well documented and written. The phenomenon of intradialytic hypertension (IDH) has intrigued nephrologists. However, there are somethings need to be clarified in case presentation and discussion.

1. I could not see the data of patient's body weight or body mass index on case report. Was this patient obese or not? Lower dry weights are known to risk of intradialytic hypertension.

2. Volume overload plays a significant role in poorly controlled blood pressure in hemodialysis patients. I could not understand the patient's dry weight was appropriate because no data about dry weight such as human atrial natriuretic peptide level or cardiothoracic rate on chest X-ray were shown on case report.

3. I could not find several clinical data for blood pressure on hemodialysis patients such as ESA dose, use of NSAIDs for rheumatoid arthritis and Ca concentration of dialysate. The dose of antihypertensive drugs are also unknown.

4. Even in the same patient, it is known that blood pressure fluctuation differs for each dialysis session. So by averaging blood pressure during three consecutive dialysis and graphically showing time transition before and after the renal angioplasty, we will be able to better understand the IDH and antihypertensive effect of the renal angioplasty.

5. I could not find whether antihypertensive effects developed from just after the renal angioplasty or not.

6. Why did intradialytic hypertension improve by bilateral renal angioplasty? Information should be needed on how humoral factors such as renin, aldosterone and catecholamines changed after the procedure. The authors should also show how much improvement in renal artery pressure difference before and after renal angioplasty.

Again, thank you very much

Best
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

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

No

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If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

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