Reviewer's report

Title: Fibroblast growth factor-23 and calcium phosphate product in young chronic kidney disease patients: A cross-sectional study

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Reviewer: Gunnar Heine

Reviewer's report:

Even though the authors aim to address all issues raised in my earlier review, major problem remain:

Firstly, I still have problems to understand the statistics applied. Why do the author claim to have used "univariate one-phase exponential association" (still a term unknown to me, and obviously to some potential readers), but report common Spearman correlation coefficients? If they did correlation analyses, why do they list a regression formula in Figure 1 (but not in Figure 2)? Why do we find Pearson coefficients in the abstract, and Spearman in the tables? As they claim in their methods section that "the relationship between Cystatin C eGFR [26] and other parameters was also assessed using non-parametric methods", again why do they give Pearson coefficients?

2. I find it worrisome to learn that some incongruent aspects remain:

In the text, the authors refer to Figure 4 (which does no longer exist).
In Table 1, percentages do not sum up to 100%.
Number of decimal places is still not uniform in the tables.
Number of patients with CKD III is 13 in the manuscript, and 12 in the table.

3. How did the authors define "abnormally high PTH / FGF-23"?

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

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:
'I declare that I have no competing interests'