Reviewer’s report

Title: Moon phases and Moon signs do not influence morbidity, mortality and long-term survival, after living donor kidney transplantation

Version: 0 Date: 14 Apr 2017

Reviewer: Konrad Kobryn

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I have reviewed the manuscript draft entitled "Moon phases and Moon signs do not influence morbidity, mortality and long-term survival, after living donor kidney transplantation" and congratulate the authors on their unordinary but original work. Indeed this type of manuscript concerning living kidney transplant recipients hasn't yet been published in scientific journals. Most probably the transplant community would solely agree, that the influence of Moon phases on medical outcome is not of typical scientific nature. Nevertheless, from a researcher's point of view, I find this manuscript very important as it scientifically concludes no statistical significance between the moon phases and patient's outcome. In short: it's a manuscript that should be written for the World to abandon decisions made upon superstition.

Specific comments:

Background line 12: improvement of donor well-being (this could use a bit more up to date evidence in references).

Background line 17-24: It is not clear if all the living kidney donors are related to the recipients. Because altruistic donors usually do not know the recipients and therefore do not show a strong emotional connection. This requires a bit more of an explanation.

Patients and methods:

The paper would gain by including donor data and an analysis of whether or not moon phases influence donor outcome. But maybe this is the intent of the authors, to study this at a later stage.

In the "timing of surgery" part, it is not clear, if the kidney recovery operations were mostly elective (what percentage accounted for elective vs urgent?).

Did they all take place during the same part of the day (eg. mornings for elective operations?).

Were there any preemptive KTx at all in this material?

Other than that I find the manuscript very well prepared with relevantly identified limitations.
Once the authors address these comments, the manuscript should be fit for publishing in BMC.
Good luck

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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.

Yes

**Are the conclusions drawn adequately supported by the data shown?**
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Yes

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

I am able to assess the statistics

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