Reviewer's report

Title: Relationships between heavy metal concentrations in three different body fluids and male reproductive parameters: A pilot study.

Version: 1 Date: 2 November 2010

Reviewer: S Elzanaty

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The present study analyzed the relationship between lead, cadmium and mercury in seminal plasma, blood plasma and whole blood and levels of reproductive hormones as well as some conventional semen parameters among 61 men under infertility assessment. There are some major points I want to address to the authors. The number of cases is very low. Length of sexual abstinence was not included as a covariant. Control group is unrepresentative. Why plasma blood and whole blood? Why pilot study?

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests.