Reviewer's report

Title: Acute Mercury Poisoning: A Case Report

Version: 1 Date: 21 August 2009

Reviewer: Kathleen Caldwell

Reviewer's report:

- Major Compulsory Revisions
None noted

- Minor Essential Revisions
1. Table one is not attached or missing. Either add table or remove test referencing it.
Page 4, please provide a reference for your normal range of whole blood mercury listed as 10-20 ug/dL. Please indicate for what population this is considered "normal".

- Discretionary Revisions
1. Page 4 discussion. It would be helpful to add a brief discussion on the relevance of a result of 30 ug/dL one week after exposure to elemental mercury vapor.
2. This reviewer suggest you add the context of half life of Hg in whole blood ?
3. The reader may need to be educated regarding at what whole blood levels are symptoms noted. What was done to test the remaining levels in the home?
4. Whole blood mercury reference levels that are well cited are missing from this paper.
5. With so much Hg available to contribute to cases like this one, a few statistics on the amounts of Hg available (estimated) or the prevalence of such incidences would add strength to this discussion.
6. Perhaps the author could add a comment on the need for health education materials on the risks of elemental mercury exposure and ways to prevent exposure.

Please note that both the comments entered here and answers to the questions below constitute the report, bearing your name, that will be forwarded to the
authors and published on the site if the article is accepted.

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

**Quality of written English:** Acceptable

**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 interest.