



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	British Journal of Medicine and Medical Research
Manuscript Number:	MS: 2012 BJMMR 2821
Title of the Manuscript:	Changes in Some Testicular Biometric Parameters and Testicular Function in Cadmium Chloride Administered Wistar Rats

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
<p>I checked the revised paper and author's comments carefully. I am afraid that at present it is not enough. The following points should be improved:</p> <p>Author's comment (1) : The choice of the separate doses of cadmium chloride is based on the fact that that Mervat (2011) ~ In this paper, rats were exposed to Cd at 15, 20 or 25 mg/ml (15,000, 20,000 or 25,000 ppm) for 6 weeks via dinking water. On the other hand, Mervant et al. (2011) mentioned that rats were provided access to drinking water containing 5 or 50 mg/L (5 or 50ppm) Cd for 12 weeks. There is large difference in concentration of Cd between these tow papers. Thus, I could not understand why the authors chose high doses of Cd in their experiment. The reason should be explained.</p> <p>Author's comment (2 and 3) : I am able to understand the author's comment. As mentioned above, however, rats were exposed to high levels of Cd. It is possible that Cd induced sever testicular damages, such as testicular hemorrhages, in this experimental conditioned, because Prozialeck et al. (2006) (Ref. No. 14) have been demonstrated that the vascular endothelium as a target of cadmium toxicity. The authors should show or explain the morphological and/or histopathological changes to understanding the testicular damages caused by high levels of Cd.</p>	<p>I want to thank you reviewer for your observation as per the Cadmium doses used in this study compared to that of Mervat et al. (2011). I must admit it was a mistake on my part for misrepresentation of the units in the doses used.</p> <p>The morphological changes of the testes effect due to cadmium toxicity have been represented in this article as to your advice.</p>