Reviewer’s report

Title: Impact of Seminal Trace elements and Glutathione levels on Semen Quality of Tunisian Infertile Men

Version: 1 Date: 27 December 2011

Reviewer: Rakesh Sharma

Reviewer’s report:

This is an interesting study. It lends further support to establish the relevance of antioxidants in sperm quality. The study is well designed.

A few questions the authors need to address are:

1. Was the white blood cell concentration evaluated?. If yes, what was the breakdown in different groups as this can significantly impact ROS production and sperm quality and antioxidant reserves.

2. The abstinence time in Table 1 states 3. Was this observed in all patients?

Table 2: Some values for volume are followed by comma instead of decimal point.

3. Small typing and grammatical errors need attention such as:
   page 2, Results, first sentence not correct.
   Page 5: Last para needs to be reworded for clarity.
   Page 15, Altered antioxidant statue ......incorrect.
   Throughout the mns, check spellings for oligo- and teratozoospermics.

4. Discussion is very elaborate, suggest reducing by one-third.

5. Could update and include excellent review articles on antioxidants published recently (by Agarwal group).

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