Reviewer’s report

Title: Levels of oxidative stress biomarkers in seminal plasma and their relationship with seminal parameters.

Version: 3 Date: 23 March 2007

Reviewer: Maciej Kurpisz

Reviewer’s report:

General
A paper improved a lot after the revision and points out to sensitivity of catalase activity and total trapping assay that may indicate an infertility status (in semen) of individual.

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Major Compulsory Revisions (that the author must respond to before a decision on publication can be reached)

In Introduction (p. 4) authors rightly say that although the reports on SOD activities in infertile versus normozoospermic semen samples may be a subject of controversy (including series of different papers that they cite, among them Sanocka et al papers), the reports on catalase seem to be consistent. Again in Discussion they point out that they contradict to Sanocka et al papers - positions 10 and 11) both in terms of SOD nad catalase activities. Again, please be coherent with your statements. Please, see your Intro where you rightly said that your results differ with those reported by Sanocka et al concerning SOD activity but they confirm previous observations indicating catalase low activity in infertile males (p. 12)

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Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)

English grammar and style is awkward throughout the paper.

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Discretionary Revisions (which the author can choose to ignore)

What next?: Accept after minor essential revisions

Level of interest: An article of importance in its field

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

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

I declare that i have no competing interests