Reviewer's report

Title: Hypoxia and oxidative stress markers in hemodialysis pediatric patients with chronic kidney diseases: a prospective study

Version: 1 Date: 10 June 2012

Reviewer: Aydin Ece

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Recommendations:
- The title can be as “Hypoxia and oxidative stress markers in hemodialysis pediatric patients” or “Hypoxia and oxidative stress markers in pediatric patients undergoing hemodialysis” since this study is not a prospective study it is a cross-sectional case-control study.
- English language should be reviewed and corrected considerably by a native English speaker
- ABSTRACT should be re-written so that showing a general view of the study content. For example there is no need to give correlation results of control group in results section of Abstract.
- BACKGROUND: Previously reported alterations of HIF and VEGF in kidney diseases in the literature should be summarized in Background (Introduction)
- RESULTS: This section is very short and confusing. The authors should give study results under different subheadings such as Oxidative stress alterations and HIF and VEGF changes. Although it is no good to repeat in the Text all data that shown in Tables once again, some numerical data and P values belong to important results should be given in Results section. Correlation between disease duration or hemodialysis duration and other parameters should be investigated.
- DISCUSSION: The discussion should be more focused and somewhat shortened. Significant correlations that found between various variables within Control subjects either should be discussed or should be deleted.
- TABLES: Minimum and maximum values can be deleted form Table 2.
- Limitations of the study should be given.

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.