Reviewer’s report

Title: The epidemiology and factors associated with nocturnal enuresis in southeast of Turkey: a cross-sectional study.

Version: 2 Date: 13 April 2009

Reviewer: Jianguo Wen

Reviewer’s report:

It is well known that nocturnal enuresis is a common genetically complex and heterogeneous disorder among the children, and the etiology has not been completely understood. This manuscript identified the association of enuresis with sociodemographic factors. Moreover, it was investigated the differences in the prevalence of enuresis between children in boarding school and daytime school. This is the first research that the authors disclosed the prevalence of nocturnal enuresis in Bozova, Urfa in Turkey.

However, there are a few items that need to be clarified.

1. The introduction
   a) More background of why is this study performed is needed, and explain the necessity and reason of performing this study. A few words of introducing boarding school and daytime school is helpful.
   b) The purposes of this study should be “to determine the prevalence of nocturnal enuresis and the association of enuresis with sociodemographic factors in 6 to 16 years old children in Bozova, Urfa in Turkey”.
   c) The definition of the Nocturnal enuresis should be in accordance with ICCS, in which the enuresis is applicable to children who are at least 5 years old (Tryggve Nevéusa, Alexander von Gontardb, Piet Hoebekec, Kelm Hjälmåsabcdefgh†, Stuart Bauere, Wendy Bowerf, Troels Munch Jørgenseng, Søren Rittigh, Johan Vande Walled, Chung-Kwong Yeungf, Jens Christian DjurhuusgThe Standardization of Terminology of Lower Urinary Tract Function in Children and Adolescents: Report from the Standardisation Committee of the International Children’s Continence Society. J Urol 2006, 176, 314-324) .

2. Methods
   1) The selfadministered questionnaires were distributed to parents, what kind role of the teachers play during the investigation? The details of how to get the questionnaires back and what standard procedure is used? How did the boarding school children be investigated when they were in school? (in table 1, the number of cases in 6 year old age group is too small. It is suggested that reorganize the group, such as group age 6- 8 is helpful) . It is necessary to give the definition of primary and secondary enuresis.
   2) It is difficult to understand the response rate was 100%, and all were qualified to enter the final analysis. What is the day time school, and what is boarding
school.
4. The prevalence of enuresis in Turkey has been reported in the literature. Therefore, results and discussion of the prevalence of enuresis should be shortened. Moreover, there were too small children number in few age groups to analysis statistically. It is better to incorporate the number with different age group.
5. The table 2 and 3 should be united, and the value of X2 should be provided. The table 4 should be deleted and instead, explanation in the text.
6. The discussion section should emphasize that sociodemographic factors and the differences between children in boarding school and daytime school. Due to the number is too small, the description 33.3 % enuresis in the 6 year old children is not suitable.
7. Update the references.
8. Few errors:
   1) ‘Nocturnal enuresis’ and ‘NE’ was used alternatively. It should be used identical.
   2) In Page 1 the third line from the bottom, the word ‘montly’ should be ‘monthly’.
   3) The word ‘currative’ in the bottom paragrapgh should be ‘curative’.
   4) there are still few other grammatical errors should be paid more attentions.
   5) “Result:” should be instead by “Result”.
   6) “The prevalence of nocturnal enuresis according to age declined with age.” should be “The prevalence of nocturnal enuresis declined with age.”

Questions:
1. Is the question posed by the authors well defined?
   No, the necessity and reason of this study is not being described clearly.
2. Are the methods appropriate and well described?
   No, it is unclearly how informed consent was obtained from all mothers after the selfadministered questionnaires were distributed to parents.
3. Are the data sound?
   Partially. However, it is difficult to understand that the response rate was 100%, and all were qualified to enter the final analysis.
4. Does the manuscript adhere to the relevant standards for reporting and data deposition?
   Yes
5. Are the discussion and conclusions well balanced and adequately supported by the data?
   Yes
6. Are limitations of the work clearly stated?
No,
7. Do the authors clearly acknowledge any work upon which they are building, both published and unpublished?
   Yes.
8. Do the title and abstract accurately convey what has been found?
   Yes.
9. Is the writing acceptable?
   It is acceptable, but need major Compulsory 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, but I do not feel adequately qualified to assess the statistics.

**Declaration of competing interests:**

I declare that I have no competing interests