Reviewer’s report

Title: Prediction of clinical manifestations of transurethral resection syndrome by preoperative ultrasonographic estimation of prostate weight

Version: 2
Date: 11 May 2014
Reviewer: Ahmad Shamsodini

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Minor Essential Revisions
This is a retrospective observational study that has its own limitations.
In the background the objectives of the study and the scope of the study is clearly emphasised though the subject matter of the study is not new and the limitations and the the problems of the study was not mentioned.
In the background ,the statement "Transurethral resection (TUR) syndrome is usually defined as a serum sodium level of < 125 mmol/l combined with clinical cardiovascular or neurological manifestations” needs reference.
In the background, the statement "The theoretical risk factors for TUR syndrome include patent prostatic sinuses, high irrigation pressure, prolonged operation time, and use of hypotonic irrigation fluid.” needs reference.
In the methods the study population detailed adequetly and the study design is clear and statistical methods are included.
In the results section the information provided is straight forward and not confusing with appropriate statistical methods. This has reflected well in the tables .
In discussion section the aim of the study have changed from the tittle of the paper which one can consider changing the tittle of the paper.
“The majority of definitions of TUR syndrome require a serum sodium level of < 125 mmol/l. However, patients with serum sodium levels of #125 mmol/l may also develop clinical manifestations of TUR syndrome.”

Level of interest: An article of importance in its field

Quality of written English: Acceptable
**Statistical review:** Yes, but I do not feel adequately qualified to assess the statistics.

**Declaration of competing interests:**

I declare that I don't have any financial or non financial interests regarding this paper.