Reviewer's report

**Title:** Preoperative workup in the assessment of adrenal incidentalomas. Outcome from 506 consecutive laparoscopic adrenalectomies.

**Version:** 3 Date: 10 August 2013

**Reviewer:** Ernst von Dobschuetz

**Reviewer's report:**

The authors provide an interesting clinical topic on the preoperative workup of laparoscopic adrenalectomies. They conclude that operation of patients with criteria other than NIH or AAES guidelines or not respecting these guidelines in each case do not lead to a higher detection rate of Adrenocortical Cancer.

It is a multicentric work with its limitations on variability of preoperative workup and a time frame of 19 years.

**Major Compulsory Revisions:**

Unfortunately the authors give no clear methodologic insight how they have evaluated the data only citing the guidelines in the text (citation 4 and 5).

Of course it is difficult in this multicentric setup but they should state more clearly at what cutoff levels in the biochemical evaluation one patient was divided to subgroup A or B.

Since guidelines can always be interpreted differently a clear statement is missing about at which point the guideline 4 or 5 was considered to be fulfilled in the methodological section.

**Level of interest:** An article of importance in its field

**Quality of written English:** Acceptable

**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