Reviewer's report

Title: Initial experience of transumbilical laparoendoscopic single-site surgery of partial adrenalectomy in patient with aldosterone-producing adenoma

Version: 1 Date: 11 October 2010

Reviewer: Brian Benway

Reviewer's report:

Major compulsory revisions - none

Minor essential revisions:

1) Background section, paragraph 2, 1st sentence - do you not mean the established approach is total adrenalectomy?

2) Case presentation should include mention of complications, even if there are none.

3) How did the patient do overall? Have you operated on the other side? How is her residual adrenal function. What measures are you using to determine successful outcome. Certainly, the main focus of this report is feasibility for the technique, but outcome data, even short-term, must be necessary.

4) Discussion, final paragraph - you make an assumption that your LESS technique is superior to the standard lap technique. Without data, you simply cannot make this claim, and conjecture of this nature is inappropriate. Please soften or delete.

-Discretionary - None

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

Consulting fees - Viking Systems, Westborough, MA USA