Reviewer's report

Title: Bilateral laparoscopic adrenalectomy for primary pigmented nodular adrenocortical disease: a case report presenting with a unilateral adrenocortical nodule

Version: 2 Date: 24 February 2010

Reviewer: Narumon Patarakijvanich

Which of the following following best describes what type of case report this is?: None

Has the case been reported coherently?: Yes

Is the case report authentic?: Yes

Is the case report ethical?: Yes

Is there any missing information that you think must be added before publication?: No

Is this case worth reporting?: Yes

Is the case report persuasive?: Yes

Does the case report have explanatory value?: Yes

Does the case report have diagnostic value?: Yes

Will the case report make a difference to clinical practice?: No

Is the anonymity of the patient protected?: Yes

Comments to authors:

My opinions and suggestions about the paper:
1. Page 4: "The treatment of choice is most often bilateral adrenalectomy" should be "the treatment of choice is bilateral adrenalectomy". No "most often" cause bilateral adrenalectomy is the recommended treatment for PPNAD.
2. Page 7: The word "tumor"(2 words)in the paragraph of right adrenalectomy,"the adrenal gland" or "the gland" may be better.
3. Page 8: "The specimen is placed in a bag and extracted through a limited extension of the 10mm port-site." I do not understand this process.
4. Page 11: misspell "PPKAR1 ". 
5. Page 11 : The paragraph " Recurrence of hypercortisolism six months postoperatively led to completion of bilateral adrenalectomy further supporting the diagnosis of PPNAD. Even in subjects undergoing unilateral adrenalectomy without recurrence of clinical CS, long-term follow-up demonstrated abnormal cortisol secretion [16], whereas in most PPNAD cases subtotal or unilateral adrenalectomy resulted in remission of hypercortisolism [6, 17]". There are some points about the above paragraph that should be reviewed:

5.1 ref 16 reported 1 case so not "subjectS".

5.2 The sentence " whereas in MOST PPNAD cases subtotal or unilateral adrenalectomy resulted in remission of hypercortisolism [6, 17]". Is this correct conclusion?? Most cases of both references got bilateral adrenalectomy and some, not most,(10/23 cases of ref 6) of cases that got subtotal or unilateral adrenalectomy considered successfully treated. I worry about this conclusion very much.

5.3 So about this paragraph, even though some PPNAD successfully treated with subtotal or unilateral adrenalectomy, bilateral adrenalectomy is the treatment of choice.

**Quality of written English:** Needs some language corrections before being published

**Declaration of competing interests:**

'I declare that I have no competing interests'