Reviewer’s report

Title: Bilateral rigid auricles should raise the suspicion for adrenal insufficiency.

Version: 4 Date: 12 June 2014

Reviewer: Jens C Richter

Which of the following best describes what type of case report this is?: Unexpected or unusual presentations of a disease

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?: Yes

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?: Yes

Is the anonymity of the patient protected?: Yes

Comments to authors:

The authors claim repeatedly that the rigid auricles are an "early sign". This is not true, as they state later on, the changes had been present for years already. It would be helpful to say whether the patient had had any trauma to the ears, such as being a former boxer or wrestler?

There are a few spelling errors in the manuscript. Careful proofreading is recommended.

There was a relatively recent report of a similar case in German language, that the authors might be aware of but have not cited (Richter, Chappuis 2009 DMW) attached

Altogether an interesting and well written report of an unusual symptom, which is of potentially high relevance and should not be missed.
**Level of interest:** An article of importance in its field

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

**Declaration of competing interests:**

'I declare that I have no competing interests.