Reviewer’s report

Title: Migraine aura without headache: a case report and literature review

Version: 2 Date: 29 November 2014

Reviewer: Jasna Zidverc-Trajkovic

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?: Yes

Is this case worth reporting?: No

Is the case report persuasive?: Yes

Does the case report have explanatory value?: No

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:

Comments on manuscript "Migraine aura without headache: a case report and literature review"

The authors presented the case of 64-years old man with 30-years history of transitory visual disturbances that previously were considered transitory ischemic attacks. Detailed description of symptoms enables to establish the proper diagnosis of migraine aura without headache. The message from authors to readers is important clues for differential diagnosis between migraine aura and TIA.

Meanwhile, several important omissions of the manuscript should be taken into account:

1. The official term of this migraine subtype, according to diagnostic criteria of International Classification of Headache Disorders is 1.2.1.2 Typical aura without...
headache. The third (beta) version of the Classification is nowadays everywhere accepted and should be used for manuscripts meant to be published in professional journals.

2. Migraine is highly prevalent disorder. The prevalence of typical aura without headache is notably lower, but is still higher than prevalence of epilepsy and the majority of other well-known neurological disorders. So, the authors’ statement: “As far as know, there were no detailed case reports on typical visual aura without headache in adult.” is not correct. There are numerous case series exploring the differences between this migraine subtype and other subtypes. For example Donnet A, et al. Migraine with aura in patients over 50 years of age: the Marseille’s registry, published in Journal of Neurology in 2010 and Aiba S, et al. Prevalence of typical migraine aura without headache in Japanese ophthalmology clinics, published in Cephalalgia in 2010.

3. The listed mechanisms of pathophysiology are related to aura in migraine with aura. The mechanisms of presence of aura and absence of headache during a migraine attack are not known and probably are not the same.

4. The manuscript needs some language corrections.

**Level of interest:** An article of limited interest

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

**Declaration of competing interests:**

I declare that I have no competing interests.