Reviewer's report

Title: Risk of Placental Abruption in Relation to Migraines and Headaches

Version: 1 Date: 21 June 2010

Reviewer: gianni allais

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Minor essential revisions

1) Page 6, last 2 sentences
It is not appropriate to show data pertaining to the results in the Method section. It would be better to move the last 2 sentences to the Results section.

2) References
Ref #30
Eur J Neurol and not Euro J Neurol
Ref #31
Cephalalgia 2004, 24 and not 44

Major compulsory revisions

1) Page 5
What's the exact meaning of the sentence “using questions adapted from the de CODE Genetics migraine questionnaire”? Did the Authors administer to patients the DMQ3 validated version or did they modify the questionnaire? And eventually how was this “modified questionnaire” validated for the diagnosis of migraine?

2) Results and Table II
The Authors diagnosed migraine with aura and migraine without aura patients, but they did not mention patients with both migraine with and without aura. How many patients presented this mixed clinical condition? How were these patients considered in the analysis?

3) Results and Discussion
The Authors should add some considerations about the other types of headaches they diagnosed in study populations and about their weight in reaching significant ORs and aORs.

In Table II it is clearly indicated that 142/375 cases and 109/368 controls suffered from headache in their life: but only 25/375 had physician diagnosed migraines and only 49 (44+5) were diagnosed by the DMQ3 in cases; similarly in controls, only 20/368 had physician diagnosed migraines and only 25 (23+2) were diagnosed by DMQ3. Consequently, the great majority of headaches diagnosed
did not consist of migraines, but no data are given about their diagnostic class

**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