Reviewer's report

Title: Clinical Spectrum and Treatment of Infantile Spasms Using Vigabatrin or/and Steroids

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Reviewer: N Fejerman

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We know about the difficulties of studying children with neuropediatric diseases in developing countries, and the descriptions of findings regarding diagnosis and treatment despite the mentioned limitations are welcome.

The alternative of treating children with West syndrome using Vigabatrin instead of ACTH is quite valid, and this seems to be the aim of this paper. The dosage proposed and the time before considering that the treatment failed are also correct.

However, there are several methodological aspects which lead to weak support of conclusions:

1. This is a retrospective chart analysis study.
2. The election of treatment was not done at random.
3. The number of patients treated with Vigabatrin doubles that of the children who received ACTH. Besides, the two patients who received prednisolone should have not been included.
4. There are not control EEGs during the follow-up.
5. MRI studies are important when one wants to better define the cryptogenic group.
6. The way in which the cross-over to a second treatment is described seems to be part of a prospective study. It is strange that no patient was left with the first medication and received the second treatment as add-on.