Reviewer's report

Title: Acute Disseminated Encephalomyelitis presenting as Fever of Unknown Origin: Case report.

Version: 1 Date: 24 April 2011

Reviewer: Elena Chiappini

Reviewer's report:

The authors describe a case of ADEM presenting as a FUO. The message is a practical tip for paediatricians.

Minor revisions
- Page 4. case presentation. Patient origin (Italian or immigrant) should be specified, familial history and personal history before the motorcycle accident should be specified.
- Page 4. case presentation. Please resume data from laboratory investigations including more details (i.e. a table)
- Page 4. case presentation. please specify each word before the correspondent abbreviation the first time that it is used (i.e. ESR, PCR, CMV, EBV, ...)
- Page 5. case presentation. Please provide more details regarding CSF findings (i.e. glucose levels, ...). Since differential diagnosis between ADEM and encephalitis is an important issue, I would expand this section. Likely, more investigations have been performed on CSF sample. Was the PCR for herpetic viruses or arboviruses done in CSF samples? Also, several other conditions should be considered in the differential diagnosis, including multiple sclerosis, vasculitis and toxic encephalitis. More details regarding the processes that allowed the authors to exclude these conditions would be interesting.
- Page 5. Case presentation. Please provide a reference for the adopted glucocorticoid treatment protocol
- Page 5. Case presentation. Last line. Please specify/update follow-up length without relapses
- Page 6. Conclusions. it would be interesting a comment on available protocols for the management and treatment for ADEM in children, including the possible role of immunoglobulins and proposals for glucocorticoid dosages.

Level of interest: An article whose findings are important to those with closely related research interests

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’