

## **Responses to the comments of reviewer 00036420**

**Comment:** It would be useful to have a neurologist on authorship to speak about clinical significance and how non-neurologists might pick up findings on exam. For example, the section on cerebral vasculitis seems incomplete without a description of clinical presentation.

**Response:** A more detailed description of cerebral vasculitis has been added.

**Comment:** A brief figure to explain basic brain anatomy and white matter/grey matter to an audience that doesn't have facility with the CNS would be useful.

**Response:** A figure showing basic anatomy of brain including white and grey matter has been added.

**Comment:** There should be some perspective on the frequency of adverse events included. for example, the CNS section suggests multiple infections are possible, but cites only once reference and there is no clarity on whether steroids/immunesupression or neither contribute to this.

**Response:** Several references for CNS infections have been added and reference list has been updated.

## **Responses to the comments of reviewer 02529456**

**Comments 1.** authors should include both a conclusion section and a Table with bullet points highlighting the most important associations and practical conclusion

**Response:** A new table summarizing the scope of the paper has been added.

**Comment 2.** Another table should be constructed that should summarize the different indications/diagnoses and the evidence from the studies available with study characteristics (e.g. patient numbers and clinical profile/phenotype/drug therapy) percentage of patients with positive findings and main clinical message

**Response:** Since related studies are quite heterogeneous and such a table would be confusing, we prefer to mention the studies in the text.