Reviewer’s report

**Title:** Comparison Between the Cranial Magnetic Resonance Imaging Features of Neuromyelitis Optica Spectrum Disorder Versus Multiple Sclerosis in Taiwanese Patients

**Version:** 1  **Date:** 9 July 2014

**Reviewer:** Gordon SK Yau

**Reviewer’s report:**

Major Compulsory Revisions:
- the main theme should focus more on the describe of MRI features,
- compare the difference of NMO versus MS in Asian populations
- What is the difference of NMO and NMO-SD should be elaborate; as well as MS; and why there is difference in the prognosis; pathogenesis, treatment, etc.
- How does the patient present with?
- How to confirmed the optic neuritis, any steroid treatment given during the acute attack, will the steroid treatment affecting the MRI features?
- why only MRI brain performed, any spinal cord MRI preformed for the myelitis patient?
- any patient receive the immunotherpy, or immunosupressants, or anyone miss-diagnosis as MS, but in fact as NMO.
- Whether the patient on treatment will give different pattern of MRI ??
- Recommend further defined the diagnosis, Rx, compare Rx and non-Rx group.
- Is all the autoimmune diseases excluded, as in chinese, few case reports of ocular MG /NMO-SD, Sjorgrens /NMO SD were reported, can cite these papers for more comprehensive pictures and give more relevant clinical implications in chinese populations.

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

**Quality of written English:** Acceptable

**Statistical review:** Yes, and I have assessed the statistics in my report.

**Declaration of competing interests:**

I declare that I have no competing interests