Reviewer's report

Title: Internal jugular vein wall miopragia in multiple sclerosis patients with chronic cerebrospinal venous insufficiency: a prospective diagnostic controlled study in duplex ultrasound investigation

Version: 1 Date: 18 August 2013

Reviewer: Roberto Bergamaschi

Reviewer's report:

This is an interesting paper that adds new knowledge (study of vein wall miopragia) in the field of chronic cerebrospinal venous insufficiency in multiple sclerosis patients.
The topic is original.
The research is well detailed and performed on a great number of patients and controls.

Minor Essential Revisions
1) It could be interesting to analyze in detail the relationships between miopragia and MS duration and course; if there are no significant relationships, this can support the hypothesis that miopragia is congenital
2) The year of revision of McDonald MS diagnostic criteria (2006? 2010?) should be reported in order to better describe the inclusion criteria
3) As the number of patients and controls is not the same nor a multiple, it is probable that a frequency matching approach was applied; please specify
4) COSMO should be mentioned among the previous studies on MS and CCSVI
5) Is it possible to reduce the number of figures?

Level of interest: An article of outstanding merit and interest in its field

Quality of written English: Needs some language corrections before being published

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