Reviewer’s report

Title: Characteristics of a newly diagnosed Polish cohort of patients with neurological manifestations of Wilson disease evaluated with the Unified Wilson's Disease Rating Scale

Version: 0 Date: 24 Nov 2017

Reviewer: France Woimant

Reviewer's report:

The paper «Characteristics of a newly diagnosed Polish cohort of patients with neurological manifestations of Wilson disease evaluated with the Unified Wilson's Disease Rating Scale" shows a correlation between levels of neurological impairment and of disability measured with WDRS.

In the methods, it is essential to precise the items used to classify the different syndromes: tremor, parkinsonism and dystonia.

The authors didn't find any association between neurological status and hepatic serum markers. This point must be discussed. Serum hepatic markers are often normal in neurological forms of the Wilson disease, even in case of compensated cirrhosis. This means that hepatic status has to be also evaluated with echography.

The authors didn't find any association between neurological status at diagnosis and copper parameters. However, exchangeable copper has not been tested in this study. A Poujois and al have demonstrated a correlation between neurological severity at diagnosis and copper exchangeable (Poujois. Eur J Neurol 2017; 24: 154-60). This point must be discussed as the limits of NCC, particularly when serum ceruloplasmin is measured using enzymatic assay

Are the methods appropriate and well described?  
If not, please specify what is required in your comments to the authors.

No

Does the work include the necessary controls?  
If not, please specify which controls are required in your comments to the authors.

Yes
Are the conclusions drawn adequately supported by the data shown? 
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review? 
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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