

To the Editor

World Journal of Gastroenterology

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We are pleased that the editorial team and reviewers found merits in our study and have given us the opportunity to respond to their concerns and to revise the manuscript. We have attempted to deal with all the issues/questions raised by the reviewers and we hope that the revised manuscript is now suitable for publication for publication in World Journal of Gastroenterology.

Reviewer 1. This review analyse the burden of MHE on quality of life of patients. The summary therapeutic approach examined only Rifaximin, Lactulose and probiotics. It would be preferable that the authors will show the activity of other substances as resveratrol or carnitine derivatives on quality of MHE.

Response to Reviewer 1. We thank the reviewer for the suggestion. We have added the studies in the specific section.

Reviewer 2. The authors discussed in this review the quality of life in patients with minimal hepatic encephalopathy; A good job they did; However; there are major limitations: -You should describe the role of the new emerging treatments on patients with minimal hepatic encephalopathy and their role on improving quality of life in this category of patients e.g Polyethylene glycol; Nitazoxanide and fecal transplant. -There are recent interesting articles about high protein diet versus normal protein diet in Treating Patients With Minimal Hepatic Encephalopathy,, you should add highlights about this interesting new concepts.

Response to Reviewer 2. We thank the reviewer for the promising suggestion to introduce new therapeutic strategies in the MHE treatment.

Reviewer 3. -Discus role of imaging such as MRS in MHE using these ref -Razek AA, Abdalla A, Ezzat A, Megahed A, Barakat T. Minimal hepatic encephalopathy in children with liver cirrhosis: diffusion-weighted MR imaging and proton MR spectroscopy of the brain. *Neuroradiology* 2014;56:885-91. -El-mewafy Z, Abdel Razek AAK, El-Eshmawy M, Abo El-Eneen N, EL-Biaomy A. MR

spectroscopy of the frontal region in patients with metabolic syndrome: Correlation with anthropometric measurement. Polish J Radiol 2018; 83: e215-e219. -Add the unique of this study compared to other studies discuss the same issue. -Add more on the basic of this disease in the introduction

Response to Reviewer 3. We thank the reviewer for the promising suggestion, we have added in the text.

Kind regards,

Dr L.Ridola

05 November 2018