

20<sup>th</sup> June, 2015

Dear Sirs,

Manuscript 18898 entitled " Nutrition therapy: integral part of liver transplant care"

Dear Prof. Professor Ya-Juan Ma:

We would very much like to thank the reviewers for their precious and important comments which for sure will help improve our manuscript. We have addressed the concerns both in the text and in this reply.

The requested revisions were:

1.P5,Line13 ,be performendin should revised to be performend in

Done.

2.Evaluation protocol of nutritional assessment should be summaried in a table

A new table has been created:

Table 2 – Subjective Global Assessment for patients on waiting list for transplantation [31]

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Subjective Global Assessment

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**I. History**

A. Weight

Height\_\_\_\_\_ Current weight\_\_\_\_\_

Pre-illness weight \_\_\_\_\_

Weight in past 6 months: High\_\_\_\_\_ Low\_\_\_\_\_

Overall change in past 6 months:\_\_\_\_\_

B. Appetite

Dietary intake change relative to normal

Appetite in past two weeks: \_\_\_\_good \_\_\_\_fair \_\_\_\_poor

Early satiety: \_\_\_\_none \_\_\_\_1-2 weeks \_\_\_\_ > 2 weeks

Taste changes: \_\_\_\_none \_\_\_\_1-2 weeks \_\_\_\_ > 2 weeks

C. Current intake per recall

Calories\_\_\_\_\_ Protein\_\_\_\_\_

Calories needs \_\_\_\_\_ Protein needs\_\_\_\_\_

D. Persistent gastrointestinal symptoms

Nausea: \_\_\_\_none \_\_\_\_1-2 weeks \_\_\_\_ > 2 weeks

Vomiting: \_\_\_\_none \_\_\_\_1-2 weeks \_\_\_\_ > 2 weeks

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Diarrhea (loose stools, > 3/day)

Number of stools per day \_\_\_\_\_ / Consistency \_\_\_\_\_

\_\_\_\_\_ none \_\_\_\_\_ 1 weeks \_\_\_\_\_ > 1 weeks

Constipation: \_\_\_\_\_ none \_\_\_\_\_ 1-2 weeks \_\_\_\_\_ > 2 weeks

Difficulty chewing: \_\_\_\_\_ none \_\_\_\_\_ 1-2 weeks \_\_\_\_\_ > 2 weeks

Difficulty swallowing: \_\_\_\_\_ none \_\_\_\_\_ 1-2 weeks \_\_\_\_\_ > 2 weeks

E. Functional capacity

\_\_\_\_\_ No dysfunction \_\_\_\_\_ Dysfunction

\_\_\_\_\_ weeks

\_\_\_\_\_ working suboptimally

\_\_\_\_\_ ambulatory

\_\_\_\_\_ bedridden

**II. Physical exam**

A. Status of subcutaneous fat (triceps, chest)

\_\_\_\_\_ good stores \_\_\_\_\_ fair stores \_\_\_\_\_ poor stores

B. Muscle wasting (quadriceps, deltoids, shoulders)

\_\_\_\_\_ none \_\_\_\_\_ mild to moderate \_\_\_\_\_ severe

C. Edema and ascites

\_\_\_\_\_ none \_\_\_\_\_ mild to moderate \_\_\_\_\_ severe

**III. Existing conditions**

A. Encephalopathy

\_\_\_\_\_ none \_\_\_\_\_ stage I-II \_\_\_\_\_ stage III \_\_\_\_\_ stage IV

B. Chronic or recurrent infection

\_\_\_\_\_ none \_\_\_\_\_ 1 week \_\_\_\_\_ > 1 week

C. Kidney function

\_\_\_\_\_ good / \_\_\_\_\_ decreased (no dialysis) / \_\_\_\_\_ decreased (with dialysis)

D. Varices

\_\_\_\_\_ none / \_\_\_\_\_ varices (no bleeds) / \_\_\_\_\_ varices (with bleeds)

**IV. Subjective Global Assessment Rating (based on sections I, II, III)**

A. \_\_\_\_\_ Well nourished

B. \_\_\_\_\_ Moderately malnourished (or suspected of being malnourished)

C. \_\_\_\_\_ Severely malnourished

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