Reviewer’s report

Title: A Prospective Experimental study of liver fibrosis with ultrasound and Its Correlation with hepatic reserve function and hemodynamics

Version: 1 Date: 14 February 2012

Reviewer: K-C Sudhamshu

Reviewer’s report:

I have found the study interesting and it may add something in understanding the hepatic hemodynamics in liver fibrosis. However, the manuscript needs revision before it can be accepted for publication. Please consider following points.

Major comments:

1. Hepatic circulation index is not a widely used index. Even the author who coined this index has not used this index in other articles from their group. So, there should be reference for this index. Since same article has been used as reference, it’s just matter of rearrangement.

2. Why prothrombin time was not measured as liver function? It is one of the synthetic functions, as important as serum albumin.

3. Whether the USG operator was blinded with laboratory finding or not is unclear. If not blinded there can be biasness.

4. In human, there is development of portal hypertension even in chronic hepatitis stage i.e. pre-cirrhotic stage. After development in portal hypertension there are changes in the hepatic circulation. Present study fails to elaborate and discuss this issue.

5. In table 2 PVP has been taken as conventional liver function test. It is not true.

Minor points:

1. First sentence of second paragraph of discussion is unclear.

2. Language needs correction at places.