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## REVIEWER'S REPORT

Manuscript No.: IJAR-58084

Title: Study of Serum Albumin Levels in Hepatic Encephalopathy Patients Admitted in a Tertiary Care Hospital.

### Recommendation:

Accept as it is .....

**Accept after minor revision...**

Accept after major revision .....

Do not accept (*Reasons below*) .....

Rating	Excel.	Good	Fair	Poor
Originality		Good		
Techn. Quality	Excellent			
Clarity		Good		
Significance	Excellent			

Reviewer's ID: Dr. Sumathi

### Detailed Reviewer's Report

- Hepatic encephalopathy (HE) is a reversible, spectrum of neuropsychiatric and cognitive dysfunctions caused by severe liver disease or acute liver failure. It occurs when a failing liver cannot filter neurotoxins (especially ammonia) from the blood, allowing them to cross the blood-brain barrier and disrupt brain function.**
- Serum albumin is the most abundant protein found in human blood plasma. Synthesized by the liver, it plays a critical role in maintaining fluid balance, transporting hormones and medications, and managing inflammation. Normal serum albumin levels typically range from 3.4 to 5.4 g/dL.**
- Chronic liver disease (CLD) is a progressive deterioration of liver function lasting more than six months. It is characterized by ongoing inflammation that leads to scarring (fibrosis) and, if left untreated, irreversible hardening of the liver (cirrhosis).**
- The MELD score (Model for End-Stage Liver Disease) is a numerical scoring system ranging from 6 to 40 used to assess the severity of chronic liver disease. Doctors use it primarily to determine a**

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patient's medical urgency and priority placement on the liver transplant waiting list.

5. Hypoalbuminemia is a medical condition characterized by abnormally low levels of albumin in the blood (generally below 3.5 g/dL). Because albumin retains fluid in blood vessels and transports hormones and vitamins, this deficiency leads to fluid leakage, tissue swelling (edema), and poor circulation.
6. Hypoalbuminemia is a medical condition characterized by abnormally low levels of albumin—the main protein in human blood. Normal levels range between 3.5 and 5.5 grams per deciliter (g/dL). Because albumin helps keep fluid in the bloodstream and transports vital hormones and drugs, low levels often result in widespread swelling and poor circulation.
7. Chronic liver disease (CLD) is a progressive deterioration of liver function that lasts for six months or longer. It involves a continuous cycle of inflammation, tissue damage, and attempted regeneration, which gradually replaces healthy liver tissue with scar tissue.
8. Key words are excellent.
9. Abstract is given good.
10. Result part should be with tables and graphs.
11. Relavant pictures can be added.
12. Summary points also be added.
13. References should be with alphabetical order.
14. After those changes good to publish in your journal.