Review of: "Liver Function Test Abnormalities and Associated Factors Among Liver Disease Patients at the University of Gondar Comprehensive Specialized Hospital Northwest, Ethiopia: Cross Sectional Study"

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For comprehensive reading and easy identification, I suggest the title to be precise: "Liver Enzymes and Bilirubin Abnormalities and Associated Factors Among Patients with Liver Disease in a Tertiary Hospital, Northwest Ethiopia: A Cross-Sectional Study."

The study area can be described in the methods part.

My significant questions are:

1. With only two enzymes and one biochemical parameter, we cannot describe liver function. LFT is very comprehensive, and it contains liver enzymes (cellular and canaliculi), bilirubin (total and direct), total protein and albumin, fibrinogen, PT and aPTT, even glucose metabolism.

2. If these participants are already liver diseased, as liver enzymes, bilirubin, and viral tests are the criteria for the diagnosis, what would be the benefit of this study? If the study was conducted on total patients, liver diagnosis made through these parameters, and analysis was made by comparing liver diseased and non-diseased, it could make sense.

Patients should be specified as outpatients or admitted; this stratification could increase the understanding based on the severity of the disease, as in most cases, admitted individuals would have relatively severe disease requiring close follow-up.

The language requires some polishing (e.g., in research, we commonly will not write as "a study is conducted on patients" - this can be easily written as "the study recruited" or "the study was conducted by involving"……..).

In the operational definition, the reference range is described as 0 to 1.2 mg/dL; however, there should not be 0 LLN (lower limit of normal).

Is there any justification for excluding severely ill and pregnant women from the study?

Many of the clinical parameters describe the history of the disease or manifestation. What about current status, like current anemia, TB, viral diseases……