

**Manuscript NO:** 64946

**Manuscript Title:** Focal liver lesions in cirrhosis: role of contrast-enhanced ultrasonography

**Overall Comment:**

This paper reviews the literature on the usage of contrast-enhanced ultrasonography (CEUS) in diagnosis of focal liver lesions in cirrhotic liver and summarizes the CEUS features of different lesions. Based on the review, the authors provide a conceptual framework to show the effective role of CEUS in diagnosis of focal liver lesions in cirrhotic liver.

However, this study suffers from some weaknesses. Next, I will provide my concerns on this manuscript. I hope the comments can help the authors improve the quality of this manuscript.

**Major concerns:**

1. The logic of classification that categorized the focal lesions as “cirrhotic nodules” and “non-cirrhotic nodules” is unclear. How to define “cirrhotic nodules” and “non-cirrhotic nodules”? In general, “cirrhotic nodules” represent RN and DN. HCC might also be categorized as “cirrhotic nodules” since it can be generated from DN. However, why were ICC and liver metastases (especially for liver metastases) classified as “cirrhotic nodules”?

2. There is no description of pseudolesions in the “cirrhotic nodules” part, however, it appeared in the table 4.

**Minor issues:**

There are several grammatical and spelling mistakes, and language polishing should be performed again.

- In the “core tip” of the first page, “After a brief description of the basis of different CEUS techniques, will be described and discussed on the basis of our experience and literature data, several liver lesions, benign, malignant or pseudolesions, that can be found in cirrhotic liver”, there is no subject in this sentence.
- Page 9 line 19, “figg.” should be “fig.”.

REPLY: Thanks for your review. I realize a new classification of focal liver lesions and I resolved all other issues.